



13th Annual Academic Surgical Congress

MEETING PROGRAM

January 30 - February 1, 2018

**Hyatt Regency Jacksonville Riverfront
Jacksonville, Florida**

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Association for Academic Surgery (AAS)

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Society of University Surgeons (SUS)

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EDUCATIONAL OBJECTIVES

After participating in this educational activity, attendees will be able to:

1. Identify important research and clinical advancements relating to topics within academic surgery, including oncology, trauma, critical care, pediatrics, vascular, cardiothoracic, gastroenterology, transplant, education, emerging technologies, global surgery, clinical trials, outcomes, and health services research.
2. Develop an understanding of current issues in the advancement of the art and science of surgery.
3. Improve treatment strategies for surgical patients.
4. Discuss the latest basic science, translational, and health services research and the expected impact of these breakthroughs in future patient care.
5. Review the newest technologies that facilitate improved outcomes in surgical patients.

ASC 2018 INSTITUTIONAL MEMBERS

Platinum Members

- Stanford University*
- University of California Los Angeles*
- University of California San Diego
- University of Michigan*
- University of Vermont
- University of Wisconsin*

Gold Members

- University of Pittsburgh Medical Center*

Silver Members

- Beth Israel Deaconess Medical Center
- Duke University
- Johns Hopkins*
- Medical College of Wisconsin*
- Northwestern University, Feinberg College of Medicine*
- Penn State College of Medicine/Penn State Hershey Medical Center
- Rutgers New Jersey Medical School, Department of Surgery
- University of Arizona College of Medicine
- University of Cincinnati
- University of Southern California, Department of Surgery and Children's Hospital
- University of Texas MD Anderson Cancer Center
- University of Texas Medical Branch
- Vanderbilt University Medical Center

Bronze Members

- Baylor College of Medicine*
- Brigham and Women's Hospital
- Massachusetts General Hospital*
- University of California Davis
- University of Colorado School of Medicine
- University of Texas, McGovern School of Medicine
- Virginia Tech Carilion Department of Surgery

*Founding Institutional Member

ASC 2018 EXHIBITORS

Acelity
Designs for Vision, Inc.
Innovative Connections
International Society of Surgery, U.S. Chapter
JOMI LLC
Karl Storz Endoscopy-America, Inc.
Lifebox Foundation
Pharmatechnology LLC
Sanofi
Shire
SurgiReal Products, Inc.
TouchSurgery



GENERAL INFORMATION

EVENT NAME

13th Annual Academic Surgical Congress

DATE

January 30 - February 1, 2018

LOCATION

Hyatt Regency Jacksonville Riverfront

225 East Coastline Drive
Jacksonville, Florida 32202

CONTACT

Association for Academic Surgery (AAS)

11300 West Olympic Blvd, Suite 600
Los Angeles, CA 90064
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Society of University Surgeons (SUS)

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Fax: (310) 437-0585
www.susweb.org

The Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS) are managed by BSC Management.

BSC Management

11300 West Olympic Blvd, Suite 600
Los Angeles, CA 90064
Phone: (310) 437-0555
www.bscmanage.com

ON-SITE REGISTRATION HOURS

Location: Grand Ballroom Foyer

| | |
|-----------------------------|-------------------|
| Monday, January 29, 2018 | 2:00 PM - 6:00 PM |
| Tuesday, January 30, 2018 | 6:30 AM - 6:30 PM |
| Wednesday, January 31, 2018 | 6:30 AM - 6:30 PM |
| Thursday, February 1, 2018 | 7:00 AM - 3:00 PM |

SPEAKER READY ROOM HOURS

Location: Orlando Room

All presentations must be loaded onto the show computer. All presenters should arrive to the Speaker Ready Room preferably TWENTY FOUR HOURS PRIOR to the start of their session. A technician will be available onsite at the Hyatt Regency to assist you with your presentation to load it onto the show computer.

| | |
|-----------------------------|-------------------|
| Monday, January 29, 2018 | 2:00 PM - 9:00 PM |
| Tuesday, January 30, 2018 | 5:30 AM - 6:30 PM |
| Wednesday, January 31, 2018 | 5:30 AM - 6:00 PM |
| Thursday, February 1, 2018 | 5:30 AM - 3:00 PM |

EXHIBIT HOURS

Location: Grand Ballroom Foyer

Visit the ASC Exhibit Area for your opportunity to update yourself in the latest surgical services and products. The Exhibits offer you the very best in equipment and services, plus the innovative tools for boosting your surgical knowledge.

Tuesday, January 30, 2018

| | |
|--------------------|--|
| 9:30 am - 4:00 pm | Exhibit Area Open |
| 9:30 am - 10:00 am | Morning Break in Exhibit Area |
| 3:30 pm - 4:00 pm | Afternoon Break in Exhibit Area |
| 4:00 pm - 6:30 pm | Exhibits Closed - Break for Exhibitors |
| 6:30 pm - 7:30 pm | Welcome Reception in the Exhibit Area |

Wednesday, January 31, 2018

| | |
|--------------------|---------------------------------|
| 9:30 am - 4:30 pm | Exhibit Area Open |
| 9:30 am - 10:00 am | Morning Break in Exhibit Area |
| 2:30 pm - 3:00 pm | Afternoon Break in Exhibit Area |

Thursday, February 1, 2018

| | |
|--------------------|-------------------------------|
| 9:30 am - 1:30 pm | Exhibit Area Open |
| 9:30 am - 10:00 am | Morning Break in Exhibit Area |
| 1:30 pm | Exhibits Close |

DISCLOSURE PROCEDURE

It is the policy of the Academic Surgical Congress (ASC) and PESI, Inc., in accordance with the Accreditation Council for Continuing Medical Education (ACCME), to ensure balance, independence, objectivity and scientific rigor in all CME activities. Anyone engaged in content development, planning or presentation must disclose all relevant financial relationships with a commercial interest producing health care goods or services; and who also has the opportunity to affect the content of CME about the products or services of that commercial interest. All presenters are also required to disclose any usage of investigational use or off-label products. Disclosure information will be provided to participants prior to the meeting in the final program.

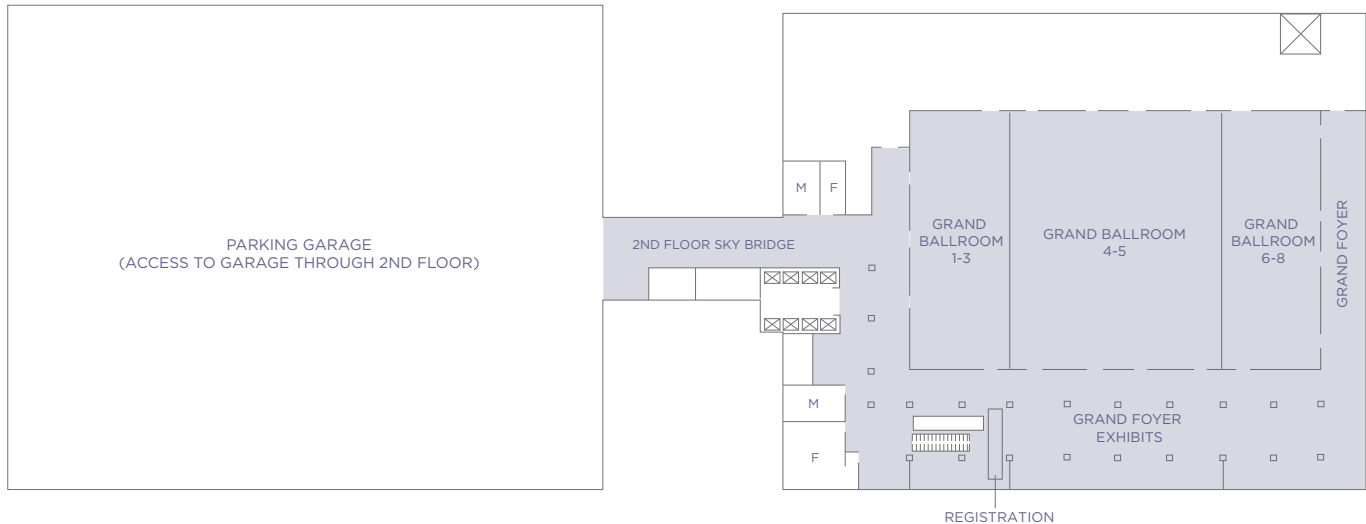
ADA STATEMENT

In accordance with the ADA, the Academic Surgical Congress will accommodate requests for special needs made in advance of the meeting.

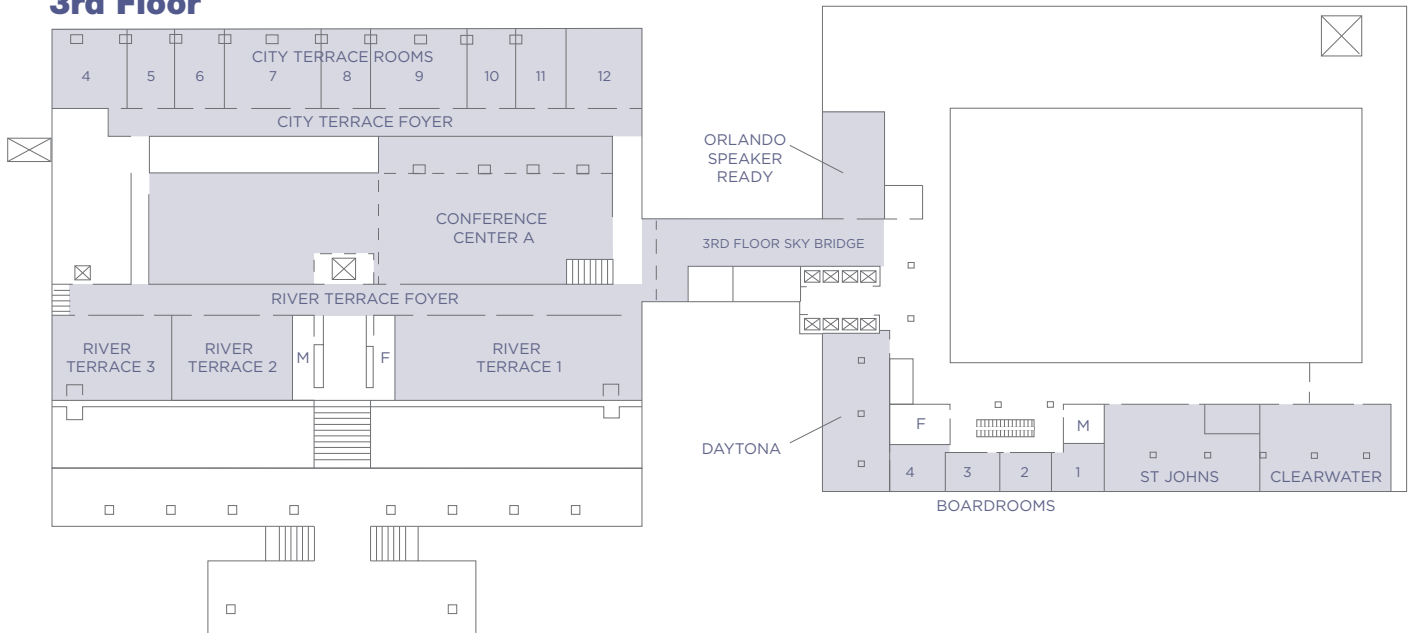
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FLOORPLAN

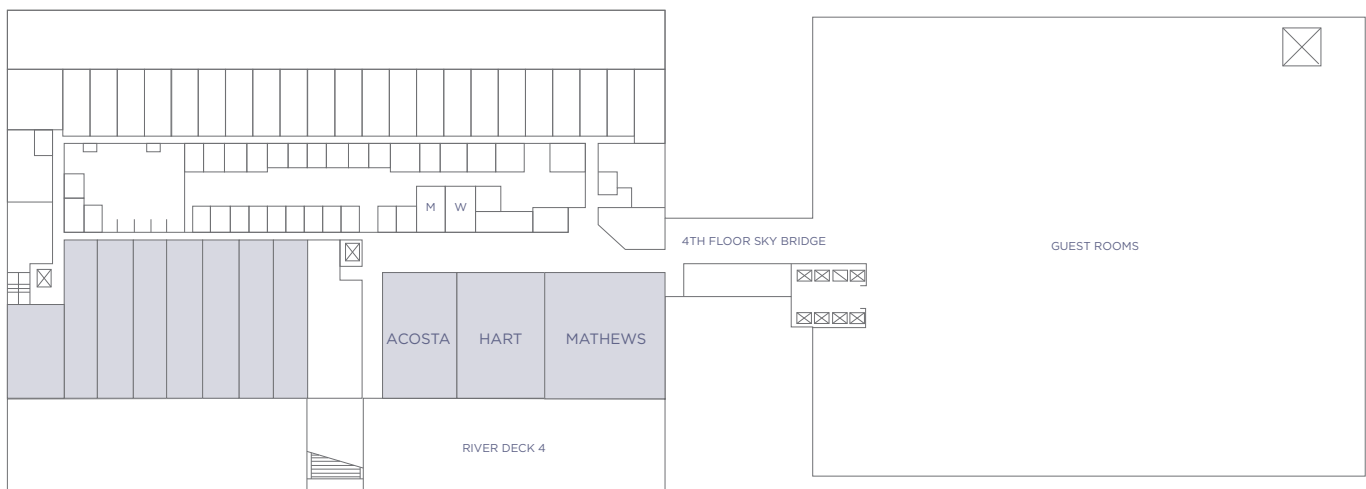
2nd Floor



3rd Floor



4th Floor Mathews, Hart & Acosta Rooms. Please take elevator to 4th floor.



MESSAGE FROM THE PRESIDENTS



Dear Guest,

On behalf of the Executive Councils of the Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS), we are delighted to invite you to Jacksonville, Florida for the **13th Annual Academic Surgical Congress (ASC)**.

Over the past 13 years, the ASC has become the premier gathering place for surgeon-scientists offering unparalleled opportunities for scientific exchange and networking with peers. Each year, the ASC registration has grown and the program has become more diverse, with programming in basic science, education, health policy, outcomes research, global health, leadership, and many other topics relevant to academic surgery.

This year's program, led by Rebekah R. White, MD of the SUS and Eugene S. Kim, MD of the AAS, promises to be the most diverse, vibrant, and exciting yet! This year the AAS Founders lecture will be presented by **Layton F. Rikkers, MD** and the SUS Joel J. Roslyn lecture by **Herbert J. Zeh III, MD**. We also invite you to attend each of the AAS and SUS Presidential Sessions and Addresses, which will discuss broad topics of critical relevance to the discipline today. Finally, and perhaps most importantly, we hope that you will develop new friendships and collaborations, and that these new relationships will enhance your goals of performing the highest quality research and improving patient care.

The combination of cutting-edge science, dynamic speakers, and rich mentoring programs for students, residents and junior faculty will provide a week full of learning and numerous opportunities to connect with colleagues!

Enjoy Jacksonville!



AAS PRESIDENT
Rebecca S. Sippel, MD

Associate Professor and Chief,
Division of Endocrine Surgery
University of Wisconsin School of Medicine
and Public Health



SUS PRESIDENT
Taylor S. Riall, MD, PhD

Acting Chair, Department of Surgery
Chief, Division of General Surgery/Surgical Oncology
Professor, Surgery
The University of Arizona



CME Worksheet

CME Worksheet for Academic Surgical Congress 2018 Meeting: This is not your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. The link to the evaluation and CME credit claim system will be available online at academicsurgicalcongress.org. Certificates may be printed and re-printed through the CME system website.

| Tuesday, January 30, 2018 | Session Time | Credits Available | Hours Attended |
|---|---------------------|--------------------------|-----------------------|
| Integrated Quick Shot Session I (Sessions 1-18) | 7:30AM - 9:30AM | 2 | |
| SUS Presidential Address: "Enjoy the Journey" | 10:45AM - 11:30AM | 0.75 | |
| Hot Topic Session 1: "#SoMe 2.0 - Building an Academic Career in the World of Social Media" | 11:30AM - 1:00PM | 1.5 | |
| Ethics Committee Session: "Intraoperative Dilemmas in Resident Education" | 11:30AM - 1:00PM | | |
| Social & Legislative Issues Committee Session: "Building Diversity and Equity in Academic Surgery: Current State & Strategies for Improvement" | 11:30AM - 1:00PM | | |
| SUS Presidential Session: "Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture" | 1:00PM - 2:30PM | 1.5 | |
| SUS Joel J. Roslyn Lecture: "Attacking Pancreatic Cancer: Leveraging the Academic Surgeon's Tools" | 2:30PM - 3:00PM | 0.5 | |
| BJS Lecture: "Precision Surgery for Metastatic Colorectal Cancer" | 3:00PM - 3:30PM | 0.5 | |
| Basic Science Plenary | 4:00PM - 5:30PM | 1.5 | |
| Clinical/Health Services Research Committee Session: "Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases" | 4:00PM - 5:30PM | | |
| Total Credits Available: | | 8.25 | |
| Wednesday, January 31, 2018 | Session Time | Credits Available | Hours Attended |
| Integrated Oral Presentation Sessions I (Sessions 22-39) | 7:30AM - 9:30AM | 2 | |
| AAS Founder's Lecture: "Surgical Leadership - Lessons Learned" | 9:45AM - 10:45AM | 1 | |
| AAS Presidential Address: "Re-defining Success in Academic Surgery" | 10:45AM - 11:30AM | 0.75 | |
| Education Committee Session: "Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader" | 11:30AM - 1:00PM | 1.5 | |
| AWS Luncheon: "Graceful Self-Promotion" | 11:30AM - 1:00PM | | |
| Elsevier Luncheon: "How to Get Your Paper Accepted: Tips From the Editors of Surgery and Journal of Surgical Research" | 11:30AM - 1:00PM | | |
| AAS Presidential Session: "Identify Your Passion and Find Purpose in Your Career" | 1:00PM - 2:30PM | 1.5 | |
| Integrated Quick Shot Presentations Session II (Session 40 - 57) | 2:30PM - 4:30PM | 2 | |
| Total Credits Available: | | 8.75 | |
| Thursday, February 1, 2018 | Session Time | Credits Available | Hours Attended |
| Integrated Oral Presentation Sessions II (Sessions 58-75) | 7:30AM - 9:30AM | 2 | |
| Education Plenary | 9:30AM - 10:30AM | 1 | |
| Clinical/Outcomes Plenary | 10:30AM - 12:00PM | 1.5 | |
| Basic Science Session: "So You Want to be a Surgeon-Scientist: How to Succeed in Today's Environment" | 10:30AM - 12:00PM | | |
| Hot Topic Session 2: "Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?" | 12:00PM - 1:30PM | 1.5 | |
| Hot Topic Session 3: "Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way" | 12:00PM - 1:30PM | | |
| Integrated Quick Shot Sessions III (Sessions 78 - 95) | 1:30PM - 3:30PM | 2 | |
| Total Credits Available: | | 8 | |
| Total Meeting Credits Available: | | 25 | |

CME ACCREDITATION

This activity was planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of PESI, Inc. and the Academic Surgical Congress (ASC). PESI, Inc. is accredited by the ACCME to provide continuing medical education for physicians.

The PESI, Inc. designates this live activity for a maximum of 25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

International CME: International Physicians are formally eligible for *AMA PRA Category 1 Credit*[™].

Physician Assistants: AAPA accepts Category 1 credit from AOACME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit*[™] for the PRA from organizations accredited by ACCME.

CME Credit Claim Instructions

Please read the instructions below for obtaining your CME Certificate and Certificate of Attendance.

ASC meeting evaluations are electronic via the online evaluation system. If you are seeking CME credit or a Certificate of Attendance, you may print your certificate upon completion and submission of the online evaluation form.

Please go to the online meeting website for the link to the evaluation system: <http://www.academicsurgicalcongress.org/> or

Access the evaluation system site directly at: <http://data.express-evaluations.com/eval/37232/web/main.php>

You will be prompted to enter login information to access the evaluation. The login information is your **registrant email address**. The password is **ASC** and is not case sensitive. You should also have received an email including this information. If you require the email used for your registration, contact the ASC Registrar at registrations@academicsurgicalcongress.org or at 310-986-6444, ext 128. The evaluation includes the following sections: Demographics, Session Evaluation, and the Overall Evaluation.

Be sure to complete the online evaluation by **March 31, 2018**. You will receive your CME Certificate or Certificate of Attendance immediately after submitting your evaluation. Your certificate will be available for printing for 1 year after the meeting.

Academic Surgical Congress Policy on Conflict of Interest

A. Identifying Conflicts of Interest

The ASC Conflict of Interest Committee has implemented the following process towards identifying potential conflicts of interest.

1. Members of both AAS and SUS Committees involved in the planning of the Academic Surgical Congress, including the Core Group, must provide a financial disclosure. These disclosures are sent to the committee in advance of each committee meeting/conference call. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any relevant CME activities.
2. Invited faculty for the Academic Surgical Congress must provide their financial disclosures upon invitation to serve as faculty. This information is forwarded to the Conflict of Interest Committee, who then determines whether or not a potential conflict exists.
3. For abstract submissions for the scientific session, all content authors must provide disclosures upon abstract submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers and are selected for presentation based on scientific merit. All disclosures which indicate a potential conflict are provided to the Conflict of Interest Committee for review. No content author may be an employee of a commercial interest.
4. All speakers at the Academic Surgical Congress must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the final program materials.

B. Managing Potential Conflicts of Interest

The ASC Conflict of Interest Committee has implemented several mechanisms to manage conflicts of interest prior to an educational activity.

1. Recusal, such as the committee member recusing him or herself from discussion of CME activities, and/or oversight by the Committee Chair.
2. The ASC Conflict of Interest Committee reviews all invited faculty and abstract author disclosures, and their respective proposed course outlines/faculty lists and abstracts. The disclosure form requires faculty/authors to provide management suggestions if there is a relationship with a commercial entity. If there is a potential conflict cited, this information is forwarded to the ASC Conflict of Interest Committee, who is responsible for determining whether or not a conflict exists and if so, how to manage this conflict.
3. If a conflict is determined, then a notice is sent via email to the faculty member/author from the ASC Program Chairs, requiring them to adhere to the management technique. Management techniques include providing an explanation of the potential conflict, changes to the presentation, recusing him or herself from the presentation, and/or submitting the presentation in advance of the ASC for peer review.
4. During the session, the Session Moderators will be notified which faculty were reviewed for potential conflict and are asked to observe the presentations and make note of commercial bias. If any is perceived, this is immediately reported to the ASC staff and the Moderator should also take steps to clarify this during the actual session by asking the faculty member/presenter to provide an explanation.
5. All ASC attendees are asked to make note of perceived commercial bias in the immediate post activity evaluations. The ASC Conflict of Interest Committee will investigate substantive concerns.

MEET THE PRESIDENTS

AAS PRESIDENT



Rebecca S. Sippel, MD

Rebecca Sippel, M.D., FACS is an Associate Professor of Surgery and Chief of the Division of Endocrine Surgery at the University of Wisconsin. Dr. Sippel completed her Endocrine Surgery fellowship at the University of California- San Francisco in 2007. She has a robust clinical practice and is a nationally recognized leader in the field of endocrine surgery. She is currently serving as Secretary of the American Association of Endocrine Surgeons and as the program director for the Endocrine Surgery Fellowship at the University of Wisconsin. She has a highly productive clinical research program focusing on the diagnosis and management of patients with endocrine disorders and the outcomes of patients after surgery. She is currently PI on an R01 funded randomized controlled trial examining the utility of prophylactic central neck dissection for patients with clinically node negative thyroid cancer. This is a patient centered clinical trial specifically looking at the impact of surgery on patient reported quality of life and long-term function. She has been actively involved in the leadership of the AAS for the past 10 years and is proud to be currently serving as the President of the Association of Academic Surgery.

SUS PRESIDENT



Taylor S. Riall, MD, PhD

Taylor S. Riall, MD, PhD, FACS, is Professor and Acting Chair of the Department of Surgery at the University of Arizona, College of Medicine – Tucson. She joined the faculty after 10 years at the University of Texas Medical Branch in Galveston, TX. Her clinical expertise is in general and pancreaticobiliary surgery, including pancreatic and periampullary cancer, acute and chronic pancreatitis, gallstone disease, gastrointestinal cancer, and general surgery. She has extensive expertise in comparative effectiveness and health services research. Her research has focused on the quality of cancer care and the care of surgical patients. Dr. Riall has been instrumental in developing and implementing critical pathways to streamline care, improve outcomes, and decrease cost of patients undergoing pancreatic, gallbladder, and colorectal surgery. Dr. Riall is also an executive leadership coach, trained at the Institute for Professional Excellence in Coaching. She applies her leadership training as a developmental tool to help surgeons and residents reach their full potential by raising self-awareness, developing emotional intelligence, clarify their goals, identifying and addressing personal challenges, and consciously improve and integrate the many facets of their lives.

SUS JOEL J. ROSLYN LECTURE



SUS JOEL J. ROSLYN LECTURER



Herbert J. Zeh III, MD

Herbert J. Zeh III, MD, is Chief of the Division of Gastrointestinal (GI) Surgical Oncology at UPMC Cancer Center, Associate Director of UPMC Hillman Cancer Center, Senior Director of UPMC Surgical Services and Watson Family

Professor of Surgery. Dr. Zeh specializes in cancers and diseases of the stomach, liver, pancreas, and duodenum, and practices state-of-the-art robotic technology.

Board-certified in surgery, Dr. Zeh received a medical degree from the University of Pittsburgh School of Medicine. He completed post-graduate training in advanced GI surgery and surgical oncology at The Johns Hopkins Hospital in Baltimore, where he served as senior and chief resident, as well as the Society of Surgical Oncology fellow. Dr. Zeh served as a surgical oncology medical staff fellow at the National Cancer Institute - Surgery Branch in Bethesda, MD.

Dr. Zeh is a member of several professional organizations, including the American Surgical Association (ASA), Society of Surgical Oncology (SSO), American Society of Clinical Oncology (ASCO), the Society of University Surgeons (SUS), and the Pancreas Club. Dr. Zeh had authored over 110 peer reviewed articles and book chapters. He directs a translational research laboratory examining Damage Associated Molecular Pattern molecules (DAMP) in the setting of pancreatic cancer. In addition, Dr. Zeh is principle investigator on several Phase I and II clinical trials in pancreatic cancer. Dr. Zeh, together with his team at UPMC, has accumulated one of the world's largest experiences with robotic assisted pancreatic resections.

JOEL J. ROSLYN BIOGRAPHY



Joel J. Roslyn, MD, Chairman of the Department of Surgery at the Allegheny College of Medicine in Philadelphia, died on July 4, 1999. Joel was born in Flushing, New York. He received his undergraduate degree from Union College, and received his M.D. from Albany Medical College.

He completed his Surgical Internship, Residency, and a Research Fellowship at the University of California/Los Angeles. He then joined the faculty at UCLA where he received national recognition for his research, teaching and clinical expertise. Joel was an established researcher in the field of gallstone pathogenesis, and a nationally and internationally respected expert in pancreatic and biliary disease. He had been funded continuously for his research by the Veterans Administration and the National Institutes of Health.

In 1992, Joel and his family moved to Philadelphia where he became Chairman of the Department of Surgery at the Medical College of Philadelphia, and after the merger with Hahnemann School of Medicine, he became the surgical leader of the new Allegheny University of the Health Sciences. During this short period in Philadelphia, Joel had built an outstanding faculty, attracting a number of excellent senior staff, and most importantly in his eyes, recruiting and nurturing the careers of several outstanding young surgeons.

Joel was a valued active member of the Society of University Surgeons. He and his research fellows had a long track record of presentations before the Society. He served as a Councillor-At-Large for three years and President of the Society for the year 1995. Joel was a friend to all of us in the Society and left us with his great faith in humanity.

For those who knew Joel, his memory will live on forever. However, in recognition of his leadership, his contribution and his friendship, the SUS has chosen to provide a lasting memory of Joel. Joel will be recognized at each SUS Meeting by the provision of an annual Invited Commentary, reserved for a superannuating member, named in honor of Joel.

Joel J. Roslyn Commemorative Lecturers

| | | | |
|------|---------------------------|------|--------------------------|
| 2000 | Heidi Nelson, MD | 2009 | Colleen M. Brophy, MD |
| 2001 | Jonathan S. Bromberg, MD | 2010 | David H. Berger, MD |
| 2002 | Frank W. Sellke, MD | 2011 | Selwyn M. Vickers, MD |
| 2003 | Kevin J. Tracey, MD | 2012 | Karyn L. Butler, MD |
| 2004 | Michael T. Longaker, MD | 2013 | Peter Angelos, MD, PhD |
| 2005 | Monica M. Bertagnolli, MD | 2014 | Richard D. Schulick, MD |
| 2006 | K. Craig Kent, MD | 2015 | Barbara A. Gaines, MD |
| 2007 | Stuart J. Knechtle, MD | 2016 | Mary Hawn, MD |
| 2008 | Jeffrey A. Drebin, MD | 2017 | Funda Meric-Bernstam, MD |

BJS LECTURE & AAS Founders Panel

BJS LECTURER



Professor Graeme Poston DSc, MS, MB BS, FRCS(Eng), FRCS(Ed)

Graeme Poston is a consultant hepatobiliary surgeon at University Hospital Aintree, Liverpool, UK, and Professor of Surgery in the School of Translational Studies of the University of Liverpool. He enjoys an international reputation in hepatobiliary surgery. To date, he has personally performed over 900 major hepatobiliary resections. His unit at UHA is one of the largest tertiary resectional hepatobiliary practices in the UK, having performed over 2,000 liver resections over the last 26 years. He gained his undergraduate medical training at St Georges Hospital Medical School, London, graduating in 1979, and postgraduate training at The Hammersmith Hospital and St Mary's Hospital, London, and University of Texas Medical Branch, Galveston, Texas.

He is the Chair of the Editorial Advisory Board of the *European Journal of Surgical Oncology* and a Past-President of the European Society of Surgical Oncology (2012-14), the Association of Upper Gastrointestinal Surgeons of Great Britain and Ireland (2010-12), and the British Association of Surgical Oncology (2005-7). He is a Past-Chair of NHS England HPB Specialised Commissioning (2012-16), NHS England Specialised Commissioning Internal Medicine Program of Care (2012-16) where he was responsible for commissioning complex surgery in transplantation and oncology, NICE Colorectal Cancer Guideline Development Group and Quality Standards Committee (2009-15), and the Cancer Services Committee of the Royal College of Surgeons of England (2005-7). He is the principal investigator of a number of ongoing national and international clinical trials in hepatobiliary surgery, and co-author of numerous national and international guidelines for the management of Hepatobiliary cancers, ten textbooks of surgery, and over 260 peer reviewed scientific papers.

Honors and distinctions include Doctorate of Science honoris causa, King George V Medical University, Lucknow, the Ernest Miles Medal of the Royal Marsden Surgical Society, Olaf ac Acrel Medal of the Swedish Surgical Association, Stanford Cade Medal of the Royal College of Surgeons of England, Kilroe Medal of the Christie Hospital, Manchester, N K Misra Medal of the Indian Association of Surgical Oncology, Honorary Fellow of the American Surgical Association, the Chinese College of Surgeons, the Association of Surgeons of India, and the College of Surgeons of Sri Lanka, Hunterian Professor of the Royal College of Surgeons of England, and numerous international visiting Professorships. In what little spare time he has, he enjoys trekking in high places (climbed Kilimanjaro, trekked to Everest and Annapurna Base Camps, climbing Kala Pattar en route, and crossed the Lakya La).

BJS

AAS FOUNDERS LECTURE



Layton F. Rikkers, MD

After serving as chair of surgery at the University of Nebraska for 12 years, Dr. Rikkers was the A.R. Curreri Professor of Surgery and Chairman at the University of Wisconsin from 1996 - 2008. He is presently emeritus professor at Wisconsin. He was the Editor-in-Chief of the *Annals of Surgery* from 1997 to 2011. He has been on the Editorial Boards of 10 journals. He was Editor-in-Chief of *Surgery News* 2011-2016. He has served as president of 7 surgical societies including the American Surgical Association. He served as first vice-president of the American College of Surgeons. He has over 200 publications in the fields of portal hypertension, hepatobiliary surgery, pancreatic surgery, education, and leadership. He developed and was the director of the ACS course on leadership 2003-2012. He has been a visiting professor to over 80 institutions.

Past AAS Founders Lecturers

- 1991 Paul Vanhoutte, MD, PhD
- 1992 Isaiah J. Fidler, DVM, PhD
- 1993 Dani Bolognesi, PhD
- 1994 Howard Rasmussen, MD
- 1995 Francis Collins, MD
- 1996 M. Judah Folkman, MD
- 1997 James C. Thompson, MD
- 1998 Mary Claire King, MD
- 1999 Ferid Murad, MD, PhD
- 2000 Michael S. Brown, MD
- 2001 Thomas E. Starzl, MD, PhD
- 2002 John A. Mannick, MD
- 2003 W. James Nelson, PhD
- 2004 Michael E. DeBakey, MD
- 2006 Louis J. Ignarro, MD
- 2007 John Cameron, MD
- 2008 Richard Gibbs, PhD
- 2009 John E. Niederhuber, MD
- 2010 Lucian L. Leape, MD
- 2011 David H. Berger, MD
- 2012 Norman M. Rich, MD
- 2013 Thomas J. Fogarty, MD
- 2014 E. Patchen Dellinger, MD, FIDSA, FSHEA
- 2015 Carlos A Pellegrini, MD, FRCSI (Hon.)
- 2016 John Birkmeyer, MD
- 2017 Panel featuring Herbert Chen, MD, Lillian S. Kao, MD, MS, Hiram C. Polk, MD, David I. Soybel, MD and Michael J. Zinner, MD

SUS LIFETIME ACHIEVEMENT AWARD



Courtney M. Townsend, Jr., MD

Dr. Courtney M. Townsend, Jr., President of the American College of Surgeons 2016-2017, has received awards and honors which include Research Career Development Award, NIH, 1982; Ashbel Smith Distinguished Alumnus, 1986,

UTMB; James IV Surgical Traveller for 1986; President, American Pancreatic Association, 1992-1993; ACGME Residency Review Committee for Surgery, 1994-1999; James IV Association of Surgeons, Inc., Board of Directors, 1999-2002; Texas Cancer Council Member, 1992-2010; Director, American Board of Surgery, 2000-2006; Chairman, American Board of Surgery, 2006-2007; American College of Surgeons Board of Governors Executive Committee, 1999-2003; Chairman, American College of Surgeons Board of Governors, 2004-2005; Secretary, American College of Surgeons, 2006-2013; Secretary, Southern Surgical Association, 1998-2003; President, Southern Surgical Association, 2004; President, American Surgical Association, 2007-2008; Chair, American Surgical Association Foundation, 2013-2014.

Dr. Townsend was John Woods Harris Distinguished Chairman, June 1995-October 2014, and is currently Professor and Robertson-Poth Distinguished Chair in General Surgery in the Department of Surgery at the University of Texas Medical Branch in Galveston.

Dr. Townsend is Editor-in-Chief of the *Sabiston Textbook of Surgery: The Biological Basis of Modern Surgical Practice*, for the 16th, 17th, 18th, 19th and 20th editions. He is on the Editorial Advisory Board for *The American Journal of Surgery* and Deputy Editor for the *Journal of the American College of Surgeons*.



Starting in 2005, the Society of University Surgeons initiated a Lifetime Achievement Award (LTAA).

This award was designed to recognize individuals who have had a sustained career in academic surgery with contributions to the surgical sciences. In addition, these individuals have demonstrated a commitment to the Society of University Surgeons whereby they have participated in the Society even after superannuating to Senior Membership status. Their participation in the Society is evidenced by their attendance at the meetings yearly and active participation in discussion of papers, attendance at banquets and society functions.

The Society of University Surgeons seeks to honor and recognize these individuals because of their embodiment of the principles of the Society. We seek to recognize these individuals to establish role models for younger generations of surgeons to honor and emulate their contributions to the science of surgery, and moreover to the Society of University Surgeons.

SUS LIFETIME ACHIEVEMENT AWARD WINNERS

- 2017 Courtney M. Townsend, Jr., MD
- 2016 Ronald W. Busuttil, MD, MS, PhD
- 2015 Ernest E. "Gene" Moore, MD
- 2014 Marshall J. Orloff, MD
- 2013 Hiram C. Polk, Jr., MD
- 2012 Alden Harken, MD
- 2011 Patricia K. Donahoe, MD
- 2010 Benjamin Eiseman, MD
- 2009 Richard L. Simmons, MD
- 2008 Clyde F. Barker, MD
- 2007 Frank G. Moody, MD
- 2006 Basil A. Pruitt, Jr., MD
- 2005 James C. Thompson, MD
- 2004 John A. Mannick, MD

ASSOCIATION FOR ACADEMIC SURGERY INTERNATIONAL GUESTS

Royal Australasian College of Surgeons Visiting Professor:



Jonathan Karpelowsky

Associate Professor Jonathan Karpelowsky is a paediatric surgeon at the University of Sydney and Children's Hospital Westmead, Sydney Australia. He initially undertook his training in

Cape Town. He remained on as a senior specialist at the Red Cross Children's hospital during which time he completed his PhD. In 2010 he migrated to Australia. Assoc. Prof Karpelowsky has over 60 publications in peer reviewed journals and major paediatric surgical text books. He is active in clinical and basic science research in the areas of paediatric oncology, thoracic conditions of childhood and clinical trials in paediatric surgery. He leads a basic science research group looking at liquid biopsies in paediatric cancer. He also has a number of collaborations with biomedical engineering looking at augmented intraoperative reality. He is the current chairperson of the Board of Paediatric Surgery, which oversees paediatric surgery training in Australia and New Zealand, and is the Chairperson of the Australian and New Zealand Association of Paediatric Surgery scientific sub-committee.

Taiwan Surgical Association Visiting Professor:



Wen-Ming Hsu, MD, PhD

Prof. Wen-Ming Hsu, MD, PhD is Director of the Division of Pediatric Surgery at National Taiwan University Hospital, Taipei, Taiwan. He is also a Professor of Surgery at the National Taiwan University College of Medicine, and the Chairman

of the Council of Medical Education for the Department of Surgery, National Taiwan University Hospital.

Prof. Hsu graduated from Department of Medicine, National Taiwan University, Taipei, Taiwan in 1990 and completed his residency training and fellowship of Pediatric Surgery at National Taiwan University Hospital in 1997. He has also been a Research Fellow in Department of Pediatric Surgery and Center for Regenerative Medicine, Massachusetts General Hospital, Boston, MA. He is specialized in General Pediatric Surgery and Pediatric Surgical Oncology.

Prof. Hsu has published more than 100 original research articles on various biological and clinical aspects of neuroblastoma and other childhood diseases. His longstanding research interests have been the tumor behavior and novel treatment concepts of neuroblastoma, the most common extracranial solid tumor in children. With colleagues in Taiwan, Japan, Hong Kong, Singapore, and Australia, he helped to initiate the Asia-Pacific Symposium of Neuroblastoma, a biennial scientific conference solely dedicated to regional physicians and scientists interested in neuroblastoma research.

Colombian Surgical Association Visiting Professor:



Alejandro Múnera Duque, MD

General Surgeon and Associate Professor of the faculty of medicine of the Universidad de Antioquia, Medellín, Colombia; Former chairman of the general surgery section of the same university from 2006 to 2011; Former chairman of the team

of general surgeons and director of teaching and research of the León XIII Clinic, Medellín, Colombia. Surgical practice in trauma, bariatric and laparoscopic surgery; Book editor Manual of Norms and Procedures in Trauma and Acute Abdomen of the Universidad de Antioquia publishing house; Current a Fellow in Surgical Oncology at the Instituto Nacional de Cancerología / Universidad Militar Nueva Granada, Bogotá, Colombia; Current secretary of the Asociación Colombiana de Cirugía; MBA in hospital management at the CES University; Former chairman of the Guild Union of Surgeons of Colombia.

Surgical Research Society of Australasia: RACS Surgical Research Society – Young Investigator's Award:



Joseph Kong, MD, PhD

Dr. Joseph Kong is currently a Colorectal Surgical Society of Australia and New Zealand trainee. He has a keen interest in translational research, and recently completed his PhD candidature in colorectal cancer immunology and

therapeutics.

West African College of Surgeons International Visiting Professor:



Serigne Gueye, MD FWACS

Professor of Urology, Dr. Serigne Gueye is Director IFRU-SF (www.ifrusf.org) a non-profit organization dedicated to building capacity and developing research in Urology throughout Africa. He is former Fulbright Scholar, University of Pennsylvania School of Medicine, Philadelphia, PA, USA

Dr. Gueye is an active clinician, trainer and researcher. Co-founder of the Men of African Descent and Carcinoma of the Prostate Consortium (MADCAP) he is PI and CO-PI in many research projects.

Dr. Gueye is Past-President of African Organization of Research and Training in Cancer (AORTIC) and the Pan African Urological Surgeons Association (PAUSA). President-Elect of WACS, he serves on numerous national and international advisory boards.

He is Director of the SIU-accredited Dakar Center offering fellowship training in General urology, endourology, uro-oncology and reconstructive and female urology of residents from Africa and the rest of the World.

For his work, Dr. Gueye has been awarded many national and international medals in Senegal, France, Chad, Rwanda including the United Nations' Medal for Peace in Rwanda.

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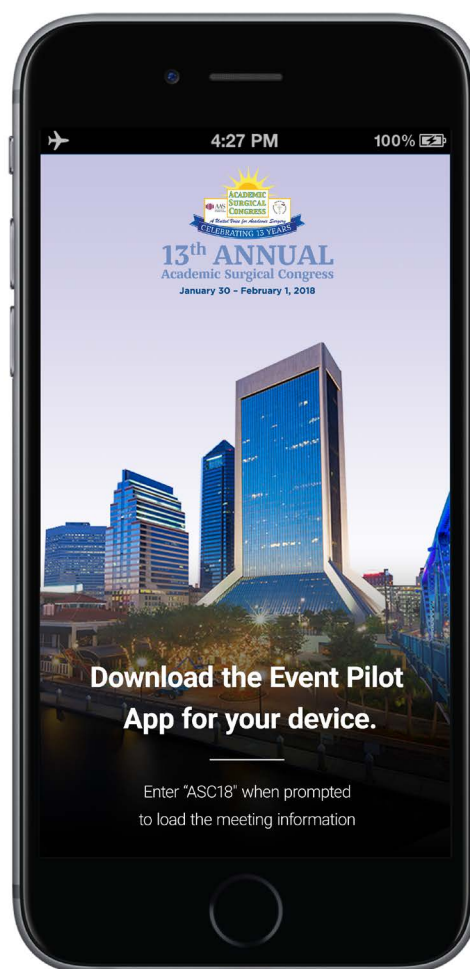
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SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS

European Society for Surgical Research (ESSR Board Member):



Lisa Rancan, DVM

Having received the DVM degree from the Università degli Studi di Milano (Italy) in 2010, Lisa Rancan's research career began as a predoctoral researcher in the Department of Biochemistry and Molecular Biology of the School of Medicine of the Complutense University of Madrid.

Her research focused on the modulation of the inflammatory response secondary to the pulmonary ischemia - reperfusion injury observed after lung resection surgeries and lung transplants. Since October 2015, she has collaborated as an Associate Professor with the Department of Physiology of the School of Medicine of the Complutense University of Madrid and her main interest is to investigate the inflammatory response related to transplant surgeries as well as in other types of surgeries. Her research is carried out both in humans and in animal models and is reflected in the publication of 15 articles published in indexed journals, 90% in Q1, and in the presentation of more than 50 communications to international congresses.

Brendel Prize Winner:



Wolfgang Jungraithmayr, MD, PhD

Wolfgang Jungraithmayr, MD, PhD received his medical training in Germany and the United States. After completing his medical thesis, he obtained the General Surgery Board as well as the Thoracic Surgery Board, followed by a PhD in

Immunology.

As of June 1, 2017, Dr. Jungraithmayr was appointed Head of the Department of Thoracic Surgery and Full Professor at the Brandenburg Medical School, Germany. His main clinical activity lies in minimal invasive thoracic surgery for lung cancer and thymic neoplasia, his research interests focus on tumor and transplant immunology. He invented for the first time the mouse model of lung transplantation for new therapeutic strategies against transplant rejection.

Beside his professional life, he regularly gives violin and piano recitals and concerts. The idea that music has a therapeutic effect in several diseases was featured by the most recent annual congress for the European Society of Surgical Research in Amsterdam and he personally would like to actively support new research focus in medicine.

Royal Australasian College of Surgeons (RACS-SRS):



James Lee, MBBS, FRACS, PhD

Dr. James Lee is an academic endocrine surgeon at The Alfred and Monash Health in Melbourne, Australia. His research interest is in the tissue and circulating molecular markers discovery in thyroid cancer. Dr. Lee received the Doctor of Philosophy from the University of Sydney

for his thesis on the miRNA biomarkers of papillary thyroid cancer. He is a current holder of the Royal Australasian College of Surgeons (RACS) Foundation for Surgery Senior Lecturer Fellowship. His current research is also funded by the Epworth Research Institute Development Grant.

Dr. Lee is passionate about research training for the next generation of surgeons. He is the founder and director of the RACS-accredited, Monash University course "An Introduction to Surgical Research". With this course, he hopes to provide medical student, residents and surgical trainees the foundation skills needed to kick start their research endeavors. Dr. Lee has been a regular delegate at the ASC, and is honored to be the SUS guest, representing the RACS Section of Academic Surgery this year.

SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS



Surgical Research Society of Southern Africa (SRS of SA Chair):



Esmé le Grange

Esmé le Grange is a Pediatric Surgeon at the University of the Free State in Bloemfontein, South Africa, after training in Red Cross War Memorial Children's Hospital in Cape Town. Her special field of interest is Neonatal Surgery and current

field of research is on esophageal atresia.

Dr. le Grange is the newly elected Chair of the Surgical Research Society of Southern Africa. Her vision for the Society is to strengthen the ties with sister societies in the USA, UK and Europe, but also to truly extend the Society into Southern Africa: The next annual meeting of the Society will be in M'thatha, the capitol of the previous Transkei, birthplace of Nelson Mandela.

Sceales-Antrobus Prize Representative:



Tanya N. Augustine, PhD

Tanya Augustine, PhD, was employed as an Associate Lecturer in 2007, in the School of Anatomical Sciences, University of the Witwatersrand, South Africa, during which time she completed her MSc. (by dissertation). Following her promotion to

Lecturer in 2010, she completed her PhD in 2014 investigating the heterotypic interaction between breast cancer and the immune system in a 3D model, with funding from the Carnegie Corporation. As a research active academic she has supervised numerous Honors projects over the years, and has seen two MSc.Med students to completion. She is currently a holder of a National Research Foundation grant supervising, together with collaborators, multiple PhD candidates focusing on issues of thrombosis and immunoregulation in breast cancer.

As a full time academic, Dr. Augustine's activities are balanced out by her teaching which includes primarily cell biology and histology at both undergraduate and postgraduate level. She has contributed extensively to the administration of courses, and holds active seats on University committees including the Senate, and is currently the Acting Chair of the Academic Freedom Committee. Her external contributions to the academic environment include examining for the College of Medicine, manuscript review for ISI recognized journals, grant application review for the National Research Foundation and Program Accreditation for the Council on Higher Education.

For her work in breast cancer, Dr. Augustine has previously been awarded the Sceales-Antrobus prize (2014), the Bert Myburgh prize (2015) and the Sceales-Antrobus prize (2017) by the Surgical Research Society of Southern Africa.

Society of Academic and Research Surgery (SARS Programme Chair):



Frank CT Smith, BSc, MSc, MD, FRCS, FEBVS, FHEA

Frank Smith is Professor of Vascular Surgery and Surgical Education at the University of Bristol, UK. He has interests in education, training and safety in Surgery. He trained in the West Midlands,

Edinburgh and the South West of England in Vascular Surgery, undertaking Peter Clifford and Royal College of Surgeons of Edinburgh Travelling Fellowships to Boston, Denver, Los Angeles and Seattle.

He has been Honorary Secretary, and Scientific Program Director for SARS in the UK. He is, or has been a Council Member of the Association of Surgeons of Great Britain & Ireland; The Vascular Society of Great Britain & Ireland; The Venous Forum; and President of the Section of Surgery at the Royal Society of Medicine. He is currently Program Director of the National Confidential Reporting System for Surgery (CORESS); Lead for National Trainee Selection for Vascular Surgery in the UK; and Chair of the Intercollegiate Board of Basic Surgical Examinations (MRCS), the primary surgical qualification for the four Royal Colleges of Surgeons of the UK & Ireland.

Patey Prize Winner:



Oliver Lyons, MRCS, PhD

Oliver Lyons qualified from St George's, University of London (UK) before training in vascular surgery as a NIHR Academic Clinical Fellow and then Lecturer at King's College London and St Thomas' Hospital.

The focus of his pre-clinical research has been identifying genetic causes of valve disease and developing an understanding of the mechanisms underlying these conditions. During his PhD, he developed methods quantifying venous valve phenotypes in patients and for interrogating disease processes in murine models, leading to the identification of several genes that, when mutated in patients, cause valve failure. He also investigates aortic graft infection as part of the Management of Aortic Graft Infection Collaboration (MAGIC), including the development of diagnostic and imaging criteria for this condition. Outside of work he enjoys hiking and this summer completed the Laugavegur trail in Iceland, which he would highly recommend!

SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS

Japan Surgical Society (JSS Chairman of the International Society):

Takao Ohki, MD, PhD

Takao Ohki, MD, PhD is the Chairman of Department of Surgery, Professor and Chief of the Division of Vascular Surgery at Jikei University School of Medicine in Tokyo Japan. He is also the Professor of Surgery at Albert Einstein College of Medicine in New York.

JSS Abstract Winner:



Tomohiko Adachi, MD, PhD

Tomohiko Adachi, MD, PhD, is an Assistant Professor of Surgery at Nagasaki University in Nagasaki, Japan. He received his MD in 2000, his PhD in 2008, and has 15 years of experience as an HPB Surgeon.

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PROGRAM CHAIRS

AAS RECORDER



Eugene S. Kim, MD

Dr. Eugene Kim is Associate Professor of Surgery, Clinical Scholar, in the Division of Pediatric Surgery, Department of Surgery at the University of Southern California Keck School of Medicine in Los Angeles, California. He is an Attending Pediatric Surgeon at Children's Hospital Los Angeles with expertise in pediatric surgical oncology and the resection of complex solid tumors in children. Dr. Kim is also principal investigator of a basic science laboratory that is focused on the study of novel preclinical therapies for the aggressive pediatric malignancy neuroblastoma. Specifically, utilizing a novel surgical mouse model of minimal residual disease, Dr. Kim is investigating the mechanisms and pathways responsible for metastatic disease in neuroblastoma and how targeting cancer stem cells may improve outcomes in patients. Dr. Kim is passionate about surgical education and the development of the next generation of surgical scientists.

SUS PUBLICATIONS CHAIR



Rebekah R. White, MD

Dr. Rebekah White is Associate Professor of Surgery and a surgical Oncologist at the University of California, San Diego. She received her medical education and general surgery training from Duke University. While a resident, she spent 3 years in a nucleic acid therapeutics lab working on a class of molecules known as 'aptamers'. After finishing her residency, Dr. White completed a surgical oncology fellowship at Memorial Sloan-Kettering Cancer Center then returned in 2007 to Duke for nine years before moving to University of California San Diego in 2016. Dr. White runs a lab focused on novel therapeutic and diagnostic approaches for pancreatic cancer, which is also her main clinical focus.

FUTURE MEETINGS – SAVE THE DATE!

February 5 - 7, 2019:

Hilton Americas-Houston, Houston, Texas

February 4 - 6, 2020:

Hilton Buena Vista Palace, Orlando, Florida

February 2 - 4, 2021:

Hilton Americas-Houston, Houston, Texas

February 1 - 3, 2022:

Hilton Buena Vista Palace, Orlando, Florida



SCHEDULE-AT-A-GLANCE

| SUNDAY, JANUARY 28, 2018 | | |
|----------------------------------|--|----------------------|
| TIME | Event | Location |
| 1:00 PM - 6:00 PM | AAS/SUS Surgical Investigators' Course | River Terrace 1 & 2 |
| MONDAY, JANUARY 29, 2018 | | |
| TIME | Event | Location |
| 8:00 AM - 1:00 PM | AAS/SUS Surgical Investigators' Course | River Terrace 1 & 2 |
| 8:00 AM - 6:00 PM | 6th Annual SUS Mid-Career Academic Surgery Professional Development Course | River Terrace 3 |
| 1:00 PM - 3:00 PM | AAS Executive Committee Lunch | City Terrace 12 |
| 1:30 PM - 2:30 PM | SUS Foundation Board Meeting | Boardroom 1 |
| 2:00 PM - 9:00 PM | Speaker Prep Open | Orlando |
| 2:00 PM - 6:00 PM | Registration Open | Grand Ballroom Foyer |
| 3:00 PM - 6:00 PM | SUS Executive Council Meeting | Mathews |
| 3:30 PM - 6:30 PM | AAS Executive Council Meeting | Conference Center A |
| 6:30 PM - 7:30 PM | AAS Nominating Committee Meeting | Boardroom 2 |
| 7:00 PM - 10:00 PM | Joint Council Dinner (Invitation Only) | River Club |
| 9:30 PM - 12:00 AM | Society of Asian American Surgeons Cocktail Reception | TBD |
| TUESDAY, JANUARY 30, 2018 | | |
| TIME | Event | Location |
| 5:30 AM - 6:30 PM | Speaker Prep Open | Orlando |
| 6:00 AM - 7:00 AM | AAS New Member Breakfast (Invitation Only) | Grand Ballroom 1-3 |
| 6:30 AM - 6:30 PM | Registration Open | Grand Ballroom Foyer |
| 6:30 AM - 7:30 AM | Continental Breakfast | Grand Ballroom Foyer |
| 7:00 AM - 10:00 AM | AAS Grant Interviews | Boardrooms 2 & 3 |
| 7:30 AM - 9:30 AM | Integrated Quick Shot Presentation Sessions I | |
| | 1. Basic Science: Oncology | City Terrace 4 |
| | 2. Basic Science: Pediatrics | City Terrace 5 |
| | 3. Basic Science: General Surgery and Upper GI/Bariatric | City Terrace 6 |
| | 4. Basic Science: Plastics and Transplantation | City Terrace 7 |
| | 5. Clinical/Outcomes: Breast | City Terrace 8 |
| | 6. Clinical/Outcomes: Cardiothoracic 1 | City Terrace 9 |
| | 7. Clinical/Outcomes: Colorectal 1 | City Terrace 10 |
| | 8. Clinical/Outcomes: Cost Effectiveness | City Terrace 11 |
| | 9. Clinical/Outcomes: General Surgery 1 | City Terrace 12 |
| | 10. Clinical/Outcomes: Global Surgery | River Terrace 1 |
| | 11. Clinical/Outcomes: Oncology | River Terrace 2 |
| | 12. Clinical/Outcomes: Pediatrics 1 | River Terrace 3 |
| | 13. Clinical/Outcomes: Pediatric Quality And Trauma | Conference Center A |
| | 14. Clinical/Outcomes: Trauma/Critical Care 1 | Clearwater |
| | 15. Clinical/Outcomes: Trauma/Critical Care 2 | St. Johns |
| | 16. Clinical/Outcomes: Trauma/Critical Care 3 | Mathews |
| | 17. Clinical/Outcomes: Upper GI/Bariatric | Hart |
| | 18. Education 1 | Acosta |
| 9:30 AM - 4:00 PM | Exhibit Hall Open | Grand Ballroom Foyer |
| 9:30 AM - 10:00 AM | Morning Break in Exhibit Area | Grand Ballroom Foyer |
| 10:00 AM - 10:15 AM | Opening Comments | Grand Ballroom 4-5 |
| 10:15 AM - 10:45 AM | SUS Lifetime Achievement Award | Grand Ballroom 4-5 |
| 10:45 AM - 11:30 AM | SUS Presidential Address: "Enjoy the Journey" | Grand Ballroom 4-5 |
| 11:30 AM - 1:00 PM | HOT TOPIC SESSION 1: "#SoMe 2.0 - Building an Academic Career in the World of Social Media" | Grand Ballroom 1-3 |
| | ETHICS COMMITTEE SESSION: "Intraoperative Dilemmas in Resident Education" | Grand Ballroom 6-8 |
| | SOCIAL & LEGISLATIVE ISSUES COMMITTEE SESSION: "Building Diversity and Equity in Academic Surgery: Current State & Strategies for Improvement" | Grand Ballroom 4-5 |
| 1:00 PM - 2:30 PM | SUS Presidential Session: "Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture" | Grand Ballroom 4-5 |
| 2:00 PM - 3:00 PM | AAS Foundation Board Meeting | Boardroom 1 |
| 2:30 PM - 3:00 PM | SUS Joel J. Roslyn Lecture: "Attacking Pancreatic Cancer: Leveraging the Academic Surgeon's Tools" | Grand Ballroom 4-5 |
| 3:00 PM - 3:30 PM | BJS Lecture: "Precision Surgery for Metastatic Colorectal Cancer" | Grand Ballroom 4-5 |
| 3:30 PM - 4:00 PM | Afternoon Break in Exhibit Area | Grand Ballroom Foyer |
| 4:00 PM - 5:30 PM | Basic Science Plenary OR | Grand Ballroom 4-5 |
| | CLINICAL/HEALTH SERVICES RESEARCH COMMITTEE SESSION: "Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases" | Grand Ballroom 6-8 |
| 5:30 PM - 6:30 PM | SUS Business Meeting (Invitation Only) | Grand Ballroom 1-3 |
| 5:30 PM - 6:30 PM | AAS Medical Student Quickshot Competition | River Terrace 2 |
| 5:30 PM - 6:30 PM | AAS Resident/Fellow Quickshot Competition | River Terrace 3 |
| 6:30 PM - 7:30 PM | Welcome Exhibitor Reception | Grand Foyer Ballroom |
| 6:30 PM - 8:30 PM | Surgical Jeopardy | Grand Ballroom 6-8 |

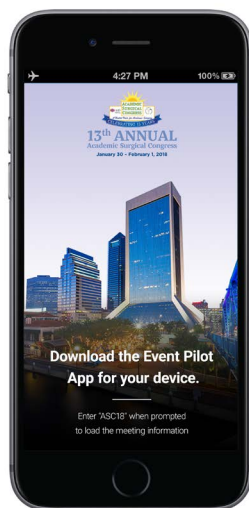
SCHEDULE-AT-A-GLANCE (continued)



| WEDNESDAY, JANUARY 31, 2018 | | |
|-----------------------------|--|--------------------------|
| TIME | Event | Location |
| 5:30 AM - 6:30 PM | Speaker Prep Open | Orlando |
| 6:30 AM - 6:30 PM | Registration Open | Grand Ballroom Foyer |
| 6:30 AM - 7:30 AM | Continental Breakfast | Grand Ballroom Foyer |
| 6:30 AM - 7:30 AM | AAS/Student Mentor Breakfast (Invitation Only) | Grand Ballroom 1-3 |
| 6:30 AM - 7:30 AM | SUS New Member Breakfast (Invitation Only) | Grand Ballroom 6-8 |
| 7:30 AM - 9:30 AM | Integrated Oral Presentation Sessions I | |
| | 22. Basic Science: Host Inflammatory Response | City Terrace 4 |
| | 23. Basic Science: Oncology | City Terrace 5 |
| | 24. Basic Science: Hepatopancreatobiliary Oncology and Transplantation | City Terrace 6 |
| | 25. Basic Science: Cardiothoracic and Vascular | City Terrace 7 |
| | 26. Clinical/Outcomes: Oncology - Melanoma And Sarcoma | City Terrace 8 |
| | 27. Clinical/Outcomes: Colorectal | City Terrace 9 |
| | 28. Clinical/Outcomes: Quality of Care | City Terrace 10 |
| | 29. Clinical/Outcomes: Trauma/Critical Care - Patient Outcomes | City Terrace 11 |
| | 30. Clinical/Outcomes: General Surgery | City Terrace 12 |
| | 31. Clinical/Outcomes: Oncology | River Terrace 1 |
| | 32. Clinical/Outcomes: Breast, Endocrine, Cross-Disciplinary | River Terrace 2 |
| | 33. Clinical/Outcomes: Outcomes In Urgent/Emergent Surgery | River Terrace 3 |
| | 34. Clinical/Outcomes: Patient-Center Outcomes In Specialty Care | Conference Center A |
| | 35. Clinical/Outcomes: Clinical Trials and Surgical Innovation | Clearwater |
| | 36. Clinical/Outcomes: Health Policy/Patient Safety | St. Johns |
| | 37. Clinical/Outcomes: Vascular | Mathews |
| | 38. Education: Wellness | Hart |
| | 39. Education: Assessment and Feedback | Acosta |
| 9:30 AM - 4:30 PM | Exhibit Hall Open | Grand Ballroom Foyer |
| 9:30 AM - 10:00 AM | Morning Break in Exhibit Area | Grand Ballroom Foyer |
| 9:45 AM - 10:45 AM | AAS Founder's Lecture: "Surgical Leadership - Lessons Learned" | Grand Ballroom 4-5 |
| 10:45 AM - 11:30 AM | AAS Presidential Address: "Re-defining Success in Academic Surgery" | Grand Ballroom 4-5 |
| 11:30 AM - 1:00 PM | EDUCATION COMMITTEE SESSION: "Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader" | Grand Ballroom 1-3 |
| | AWS LUNCHEON: "Graceful Self-Promotion" | Grand Ballroom 6-8 |
| | ELSEVIER LUNCHEON: "How to Get Your Paper Accepted: Tips From the Editors of Surgery and Journal of Surgical Research" | Grand Ballroom 4-5 |
| 1:00 PM - 2:30 PM | AAS Presidential Session: "Identify your Passion and Find Purpose in Your Career" | Grand Ballroom 4-5 |
| 2:30 PM - 3:00 PM | Afternoon Break in Exhibit Area | Grand Ballroom Foyer |
| 2:30 PM - 4:30 PM | Integrated Quick Shot Presentation Sessions II | |
| | 40. Basic Science: Oncology and Hepatobiliary | City Terrace 4 |
| | 41. Basic Science: Trauma/Critical Care | City Terrace 5 |
| | 42. Basic Science: Cardiothoracic and Vascular | City Terrace 6 |
| | 43. Clinical/Outcomes: Breast, Endocrine, and Oncology | City Terrace 7 |
| | 44. Clinical/Outcomes: Cardiothoracic 2 | City Terrace 8 |
| | 45. Clinical/Outcomes: Cross-disciplinary | City Terrace 9 |
| | 46. Clinical/Outcomes: Endocrine | City Terrace 10 |
| | 47. Clinical/Outcomes: Quality | City Terrace 11 |
| | 48. Clinical/Outcomes: General Surgery and Colorectal | City Terrace 12 |
| | 49. Clinical/Outcomes: General Surgery 2 | River Terrace 1 |
| | 50. Clinical/Outcomes: General Surgery 3 | River Terrace 2 |
| | 51. Clinical/Outcomes: Pediatrics 2 | River Terrace 3 |
| | 52. Clinical/Outcomes: Pediatrics 3 | Conference Center A |
| | 53. Clinical/Outcomes: Trauma/Critical Care 4 | Clearwater |
| | 54. Clinical/Outcomes: Trauma/Critical Care 5 | St. Johns |
| | 55. Clinical/Outcomes: Trauma/Critical Care 6 | Mathews |
| | 56. Education 2 | Hart |
| | 57. Education: Simulation Training | Acosta |
| 4:30 PM - 5:30 PM | SUS New Member Poster Session | Grand Ballroom 6-8 Foyer |
| 4:30 PM - 5:30 PM | AAS Resident/Student Meet the Leadership Reception | Daytona |
| 5:30 PM - 7:00 PM | AAS Business Meeting | Grand Ballroom 1-3 |
| 7:00 PM - 12:00 AM | ASC Celebration Event & AASF/SUSF Poker Tournament | Grand Ballroom 4-5 |
| THURSDAY, FEBRUARY 1, 2018 | | |
| TIME | Event | Location |
| 5:30 AM - 3:00 PM | Speaker Prep Open | Orlando |
| 6:30 AM - 7:30 AM | ASC Fun Run! | Front of Hotel |
| 6:30 AM - 7:30 AM | Continental Breakfast | Grand Ballroom Foyer |
| 7:00 AM - 3:00 PM | Registration Open | Grand Ballroom Foyer |

SCHEDULE-AT-A-GLANCE (continued)

| | | |
|---------------------|--|----------------------|
| 7:30 AM - 9:30 AM | Integrated Oral Presentation Sessions II | |
| | 58. Basic Science: Trauma Immunology and Critical Care | City Terrace 4 |
| | 59. Basic Science: Tissue Injury and Wound Healing | City Terrace 5 |
| | 60. Basic Science: Oncologic Modeling and Therapeutics | City Terrace 6 |
| | 61. Basic Science: Surgical Translational Science | City Terrace 7 |
| | 62. Clinical/Outcomes: Trauma/Critical Care | City Terrace 8 |
| | 63. Clinical/Outcomes: Cardiothoracic | City Terrace 9 |
| | 64. Clinical/Outcomes: Hepatopancreatobiliary | City Terrace 10 |
| | 65. Clinical/Outcomes: Transplantation | City Terrace 11 |
| | 66. Clinical/Outcomes: Pediatrics - Patient-Centered Outcomes | City Terrace 12 |
| | 67. Clinical/Outcomes: General Surgery - Access And Quality Of Care | River Terrace 1 |
| | 68. Clinical/Outcomes: Oncology - Quality, Disparities, and Palliative Care | River Terrace 2 |
| | 69. Clinical/Outcomes: Disparities And Access To Care | River Terrace 3 |
| | 70. Clinical/Outcomes: Quality/Cost Effectiveness | Conference Center A |
| | 71. Clinical/Outcomes: Hepatopancreatobiliary and Transplantation | Clearwater |
| | 72. Clinical/Outcomes: Endocrine, Esophageal and Other Oncology | St. Johns |
| | 73. Clinical/Outcomes: General Surgery - Outcomes And Quality Of Care | Mathews |
| | 74. Education: Professionalism and Undergraduate Medical Education | Hart |
| | 75. Education: Simulation and Global Health | Acosta |
| 8:00 AM - 9:00 AM | SUS Research Awards (Invitation Only) | Grand Ballroom 1-3 |
| 9:30 AM - 1:30 PM | Exhibit Hall Open | Grand Ballroom Foyer |
| 9:30 AM - 10:00 AM | Morning Break in Exhibit Area | Grand Ballroom Foyer |
| 9:30 AM - 10:30 AM | AAS & SUS Research Awards OR | Grand Ballroom 1-3 |
| | Education Plenary | Grand Ballroom 6-8 |
| 10:30 AM - 12:00 PM | Clinical/Outcomes Plenary OR | Grand Ballroom 1-3 |
| | BASIC SCIENCE SESSION: "So You Want to be a Surgeon-Scientist: How to Succeed in Today's Environment" | Grand Ballroom 6-8 |
| 12:00 PM - 1:30 PM | HOT TOPIC SESSION 2: "Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?" | Grand Ballroom 6-8 |
| | HOT TOPIC SESSION 3: "Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way" | Grand Ballroom 1-3 |
| 1:30 PM - 3:00 PM | Integrated Quick Shot Presentation Sessions III | |
| | 78. Basic Science: Trauma/Critical Care, Cross-Disciplinary | City Terrace 4 |
| | 79. Basic Science: Breast and Endocrine | City Terrace 5 |
| | 80. Basic Science: General Surgery, Colorectal, and Pediatrics | City Terrace 6 |
| | 81. Clinical/Outcomes: Colorectal 2 | City Terrace 7 |
| | 82. Clinical/Outcomes: General Surgery 4 | City Terrace 8 |
| | 83. Clinical/Outcomes: Global Surgery and Plastics | City Terrace 9 |
| | 84. Clinical/Outcomes: Hepatopancreatobiliary | City Terrace 10 |
| | 85. Clinical/Outcomes: Oncology and Breast | City Terrace 11 |
| | 86. Clinical/Outcomes: Pediatrics 4 | City Terrace 12 |
| | 87. Clinical/Outcomes: Pediatrics 5 | River Terrace 1 |
| | 88. Clinical/Outcomes: Plastics and Trauma/Critical Care | River Terrace 2 |
| | 89. Clinical/Outcomes: Transplantation/Hepatobiliary | River Terrace 3 |
| | 90. Clinical/Outcomes: Trauma/Critical Care 7 | Conference Center A |
| | 91. Clinical/Outcomes: Trauma/Critical Care 8 | Clearwater |
| | 92. Clinical/Outcomes: GI Surgery and Oncology | St. Johns |
| | 93. Clinical/Outcomes: Vascular | Mathews |
| | 94. Education 3 | Hart |
| | 95. Education 4 | Acosta |



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The Grant Writing Workshop Schedule-at-a-Glance

January 28-29, 2018 • Jacksonville, FL



DAY 1: SUNDAY, JANUARY 28, 2018

| | | |
|-------------------|---|--------------------------|
| 1:00 pm – 1:15 pm | Introduction Caprice C. Greenberg, MD, MPH & Rebecca M. Minter, MD | <i>River Terrace 1</i> |
| 1:15 pm – 2:00 pm | How Do Funding Agencies Work MODERATOR: Caprice C. Greenberg, MD, MPH 1:15 pm NIH Organization, Institutes, Funding, CSR, Award Types – Herbert Chen, MD 1:25 pm Other Federal Funding Agencies – Jayme E. Locke, MD, MPH 1:35 pm Non-Federal Funding Agencies – Eugene S. Kim, MD 1:55 pm Discussion | <i>River Terrace 1</i> |
| 2:00 pm – 2:15 pm | Break | |
| 2:15 pm – 3:45 pm | Career Development Awards – Basic/Translational Research (PARALLEL) MODERATOR: Gregory D. Kennedy, MD, PhD 2:15 pm General Format of an NIH K08 Application – Colin A. Martin, MD 2:30 pm Developing the Candidate Statement & Training Plan – Rebekah R. White, MD 2:45 pm The Mentor Statement – Meline R. Kibbe, MD, FAHA 3:00 pm The Do's and Don'ts of Writing an NIH K08 Application – Darren R. Carpizo, MD, PhD 3:15 pm Discussion | <i>River Terrace 1</i> |
| 2:15 pm – 3:45 pm | Career Development Awards – Outcomes/Health Services Research (PARALLEL) MODERATOR: Justin B. Dimick, MD, MPH 2:15 pm General Format of an NIH K Award Application – Amir A. Ghaferi, MD, MS 2:30 pm Developing the Candidate Statement & Career Development Plan – Lillian S. Kao, MD, MS 2:45 pm Mentor/Environment – Adil H. Haider, MD, MPH 3:00 pm The Do's and Don'ts of Writing an NIH K Award Application – Luke M. Funk, MD, MPH 3:15 pm Discussion | <i>River Terrace 2</i> |
| 3:45 pm – 4:00 pm | Break | |
| 4:00 pm – 4:25 pm | Strategies for Success in Grant Writing: What I Wish I Knew Earlier Dorry L. Segev, MD, PhD | <i>River Terrace 1</i> |
| 4:25 pm – 4:30 pm | Discussion and Concluding Remarks Caprice C. Greenberg, MD, MPH & Rebecca M. Minter, MD | <i>River Terrace 1</i> |
| 4:30 pm – 6:00 pm | Grantsmanship Workshop & Networking Hour | <i>River Terrace 1-2</i> |

The Grant Writing Workshop

DAY 2: MONDAY, JANUARY 29, 2018

| | | |
|---------------------|--|--------------------------|
| 8:00 am – 8:30 am | Top 10 Mistakes Made When Writing Your First Grant Carrie C. Lubitz, MD, MPH | <i>River Terrace 1</i> |
| 8:30 am – 10:30 am | Essential Elements of a Successful Research Proposal – Basic/Translational Research (PARALLEL) MODERATOR: Kasper S. Wang, MD | <i>River Terrace 1</i> |
| 8:30 am | General Format of NIH R01 & R21 Applications – Timothy A. Pritts, MD, MPH | |
| 8:50 am | Generating a Hypothesis and Specific Aims – Allan M. Goldstein, MD | |
| 9:10 am | Conveying Significance and Innovation – Ankush Gosain, MD, PhD | |
| 9:30 am | Creating an Effective Scientific Approach – Allan Tsung, MD | |
| 9:50 am | The Details – Budget, NIH Biosketch, Equipment, Resources, Vertebrate Animals, etc. | |
| 10:10 am | Discussion | |
| 8:30 am – 10:30 am | Essential Elements of a Successful Research Proposal – Outcomes/Health Services Research (PARALLEL) MODERATOR: Sandra L. Wong, MDa | <i>River Terrace 2</i> |
| 8:30 am | General Format of NIH R01 & R21 Applications – Adam Yopp, MD | |
| 8:50 am | Writing the Specific Aims – Jonah J. Stulberg, MD, PhD, MPH | |
| 9:10 am | Conveying Significance and Innovation – Hari Nathan, MD, PhD | |
| 9:30 am | Important Elements of the Scientific Approach – Rachel R. Kelz, MD, MSCE | |
| 9:50 am | Strategy for Building a Research Team & Selecting Co-Investigators – Heena P. Santry, MD, MPH | |
| 10:10 am | Discussion | |
| 10:30 am – 10:45 am | Break | |
| 10:45 am – 11:30 am | Score, Triage, Summary Statement and Resubmission MODERATOR: Rebecca M. Minter, MD | <i>River Terrace 1</i> |
| 10:45 am | What Happens to your Grant after Submission – Clifford S. Cho, MD | |
| 11:00 am | Summary Statements and Preparing a Revision – Timothy R. Donahue, MD | |
| 11:15 am | Discussion | |
| 11:30 am – 1:00 pm | Mock NIH Study Session (Health Services Research or Basic Science) | <i>River Terrace 1-2</i> |
| 1:00 pm | Concluding Remarks | <i>River Terrace 1</i> |



Society of University Surgeons

Driven to Lead

6th Annual SUS Mid-Career Academic Surgery Professional Development Course

Monday, January 29, 2018 • Jacksonville, FL

8:00 am – 8:05 am

Welcome and Introduction

COURSE CHAIRS: Anne Lidor, MD, MPH & Gregory Kennedy, MD, PhD

8:05 am – 9:15 am

IDENTIFYING THE OPPORTUNITIES

- **How Do I Know When I'm Ready? How Do I Prepare for a Leadership Position?**
Timothy Pawlik, MD, MPH, PhD, The Ohio State University Wexner Medical Center
- **How Do I Know If I should Stay or If I Should Leave?**
Rebekah White, MD, UC San Diego Health
- **I Am Staying at My Institution – Keys for Future Success**
Nita Ahuja, MD, Johns Hopkins Medicine

9:15 am – 10:30 am

PLANNING FOR THE INTERVIEW PROCESS

- **How to Prepare for a Successful Interview**
Doug Tyler, MD, University of Texas Medical Branch
- **A Chair's Perspective: Steps of the Interview Process**
Jeffrey Matthews, MD, The University of Chicago Medicine
- **Search Firm/Search Committee Perspectives**
Nipun Merchant, MD, University of Miami Leonard M. Miller School of Medicine

10:30 am – 11:30 am

KEYNOTE

Patricia Turner, MD, The University of Chicago Medicine, American College of Surgeons

11:30 am – 12:00 pm

Lunch

12:00 pm – 1:15 pm

Small Group Exercises

1:15 pm – 2:45 pm

ON THE JOB EXPERIENCES

- **Negotiation 101: Assessing Organizational Health**
Herbert Chen, MD, University of Alabama School of Medicine
- **Personnel Management – Effectively Managing Up and Down**
O. Joe Hines, MD, David Geffen School of Medicine, University of California, Los Angeles
- **Understanding the Expectations of the New Job**
Melina Kibbe, MD, University of North Carolina School of Medicine
- **Compensation Models – The Ins and Outs**
Bryan Clary, MD, MBA, University of California San Diego

2:45 pm – 3:00 pm

Break

3:00 pm – 4:30 pm

LEADING AND MANAGING OTHERS

- **Giving and Receiving Feedback**
Kevin Staveland-O'Carroll, MD, University of Missouri Health
- **Managing Culture Change**
Anthony Stallion, MD, UNC School of Medicine – Charlotte Campus
- **Assembling Your Team**
David Hackam, MD, PhD, Johns Hopkins Medicine

4:30 pm – 6:00 pm

Wrap Up and Cocktail Mixer



Society of University Surgeons

Driven to Lead

6th Annual SUS Mid-Career Academic Surgery Professional Development Course

Monday, January 29, 2018 • Jacksonville, FL

COURSE CHAIRS

Anne Lidor, MD, MPH

Professor and Chief, Division of Minimally Invasive, Foregut and Bariatric Surgery
Vice Chair of Education, Divisions of General Surgery
University of Wisconsin School of Medicine and Public Health

Gregory D. Kennedy, MD, PhD

Professor of Surgery
Director, Division of Gastrointestinal Surgery
John H. Blue Chair of General Surgery
University of Alabama School of Medicine

Timothy Pawlik, MD, MPH, PhD

Chair, Department of Surgery
The Urban Meyer III and Shelley Meyer Chair for Cancer Research
The Ohio State University Wexner Medical Center

Rebekah White, MD

Associate Professor of Surgery
UC San Diego Health

Nita Ahuja, MD

Professor of Surgery
Director, Sarcoma and Peritoneal Surface Malignancy Program
Johns Hopkins Medicine

Doug Tyler, MD

Professor and Chair, Department of Surgery
The University of Texas Medical Branch

Jeffrey Matthews, MD

Professor and Chair, Department of Surgery
The University of Chicago Medicine

Nipun Merchant, MD

Professor of Surgery
Chief Surgical Officer
Chief, Division of Surgical Oncology
Director, Surgical Oncology Research Programs at the Sylvester Comprehensive Cancer Center
Vice Chair of Surgical Oncologic Services
University of Miami Leonard M. Miller School of Medicine

Patricia Turner, MD

Clinical Associate Professor of Surgery
The University of Chicago Medicine
Director of Division of Member Services
American College of Surgeons

Herbert Chen, MD

Professor of Surgery
Professor of Biomedical Engineering
Chair, Department of Surgery
Fay Fletcher Kerner Endowed Chair
Surgeon-in-Chief, UAB Hospital and Health System
Senior Advisor, UAB Comprehensive Cancer Center
University of Alabama School of Medicine

O. Joe Hines, MD

Professor and Chief, Department of Surgery
David Geffen School of Medicine
University of California, Los Angeles

Melina Kibbe, MD

Chair, Department of Surgery
University of North Carolina School of Medicine

Bryan Clary, MD, MBA

Professor and Chair, Department of Surgery
Surgeon-in-Chief
UC San Diego Health

Kevin Staveland-O'Carroll, MD

Director, Ellis Fischel Cancer Center
University of Missouri Health

Anthony Stallion, MD

Professor of Surgery
Chief of Pediatric Surgery
Levine Children's Hospital
Jeff Gordon Children's Hospital
Carolinas HealthCare System
UNC School of Medicine-Charlotte Campus

David Hackam, MD, PhD

Professor of Surgery
Surgeon-in-Chief, Johns Hopkins Children's Center
Johns Hopkins Medicine

| | | |
|---|--|--------------------|
| 6:00 AM - 7:00 AM | AAS New Members Breakfast (Invitation Only) | GRAND BALLROOM 1-3 |
| 7:00 AM - 10:00 AM | AAS Grant Interviews | BOARDROOMS 2 & 3 |
| 7:30 AM - 9:30 AM | Integrated Quick Shot Presentations Session I | |
| 1. BASIC SCIENCE: ONCOLOGY QUICKSHOT SESSION | | CITY TERRACE 4 |

MODERATORS: Mark S. Cohen, MD & Laleh G. Melstrom, MD

- 1.01. Potential Cdk5 Targeted Preclinical Therapeutics in Pheochromocytoma.** K. Strange¹, P. Gupta¹, A. Carter¹, W. Howse¹, C. Tan², H. Ghayee³, K. Pacak⁴, A. Natarajan⁵, L. Meijer⁶, S. Reddy¹, J. Bibb¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ²University of Texas Southwestern Medical Center, Department of Psychiatry, Dallas, TX, USA ³University of Florida & Malcom Randall VA Medical Center, Department of Medicine, Division of Endocrinology, Gainesville, FL, USA ⁴National Institute of Health, National Institute for Child Health and Human Development, New York, NY, USA ⁵University of Nebraska College of Medicine, Omaha, NE, USA ⁶ManRos Therapeutics, Roscoff, FRANCE, France
- 1.02. High Expression of SLC02B1 is Associated with Prostate Cancer Recurrence after Prostatectomy.** T. TERAKAWA^{1,2}, E. Katsuta³, M. Fujisawa², K. Guru¹, K. Takabe³ ¹Roswell Park Cancer Institute, Urology, Buffalo, NY, USA ²Kobe University, Urology, Kobe, Japan ³Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA
- 1.03. A Novel Near-Infrared (NIR) Dye Can Accurately Measure Human Neuroendocrine Cancer Proliferation.** B. R. Herring², W. Jason², S. Jang², R. Jaskula-Sztul², H. Chen² ²University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA
- 1.04. Cancer- and Immune-Related Genes Expression in Peripheral Blood and Bone Marrow in Gastric Cancer.** S. Ito¹, T. Fukagawa², T. Sato³, T. Masuda⁴, Y. Kuroda¹, H. Eguchi¹, M. Sasako⁴, K. Mimori¹ ¹Kyushu University Beppu Hospital, Department of Surgery, Beppu, OITA, Japan ²National Cancer Center Hospital, Gastric Surgery Division, Tokyo, Japan ³Kyushu University, Medical Institute of Bioregulation, Fukuoka, Fukuoka, Japan ⁴Hyogo College of Medicine, Department of Surgery, Nishinomiya, HYOGO, Japan
- 1.05. Triptolide Causes Melanoma Cell Death through DNA Damage-induced p53 Accumulation.** V. Sethi¹, B. Giri¹, B. Garg¹, M. Tarique¹, S. Kurtom¹, A. Farrantella¹, S. Banerjee¹, S. Ramakrishnan¹, A. Saluja¹, V. Dudeja¹ ¹University of Miami, Department of Surgery, Miami, FLORIDA, USA
- 1.06. Stromal activation mediates metastatic outgrowth of pancreatic cancer cells in the liver.** W. Lo¹, E. Van Beek¹, S. Sinha¹, A. Ranjan¹, G. Chakraborty², J. Davis¹, R. T. Ripley¹, J. Hernandez¹ ¹National Cancer Institute, Thoracic and GI Oncology Branch, Bethesda, MD, USA ²Memorial Sloan-Kettering Cancer Center, Department of Medicine, New York, NY, USA
- 1.07. Hsp-90 Inhibitors are Synergistic with Standard of Care Treatments in Resistant Head and Neck Cancer.** K. J. Kovatch¹, C. Subramanian², M. E. Prince¹, J. Sanchez³, M. S. Cohen² ¹University of Michigan, Department of Otolaryngology-Head and Neck Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of General Surgery, Ann Arbor, MI, USA ³University of Michigan, Medical School, Ann Arbor, MI, USA
- 1.08. ARNT-related gene overexpression correlates with low immune signature and worse survival in melanoma.** K.M. Leick^{1,2}, J.M. Obeid², S. Bekiranov², C.L. Slingluff² ¹University of Iowa, Iowa City, IA, USA ²University of Virginia, Charlottesville, VA, USA
- 1.09. the Significance of Phospho-Sphingosine Kinase 1 in the Lymphatic Spread of Esophageal Carcinoma.** H. Ichikawa¹, M. Nagahashi¹, M. Nemoto¹, T. Hanyu¹, T. Ishikawa¹, Y. Kano¹, Y. Muneoka¹, Y. Hirose¹, Y. Shimada¹, J. Sakata¹, T. Kobayashi¹, H. Kameyama¹, T. Kazuaki^{2,3}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA
- 1.10. Combined TLR/CD40 Stimulation Potentiates an Immuno-genic Neoantigen Vaccine.** T. Hoki¹, T. Yamauchi¹, C. A. Eppolito¹, A. J. Francois¹, K. Odunsi^{1,2,3}, F. Ito^{1,4,5} ¹Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Gynecologic Oncology, Buffalo, NY, USA ³Roswell Park Cancer Institute, Department of Immunology, Buffalo, NY, USA ⁴State University of New York at Buffalo, Department of Surgery, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA
- 1.11. Common Driver Mutation and Smoking History Affect Tumor Mutation Burden in Lung Adenocarcinoma.** M. Nagahashi¹, S. Sato², K. Yuza¹, Y. Shimada¹, H. Ichikawa¹, S. Watanabe³, S. Okuda⁴, K. Takabe^{5,6}, M. Tsuchida², T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan ²Niigata University Graduate School of Medical and Dental Sciences, Division of Thoracic and Cardiovascular Surgery, Niigata City, NIIGATA, Japan ³Niigata University Graduate School of Medical and Dental Sciences, Department of Respiratory Medicine and Infectious Disease, Niigata City, NIIGATA, Japan ⁴Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata City, NIIGATA, Japan ⁵Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ⁶University at Buffalo Jacobs School of Medicine and Biosciences, the State University of New York, Department of Surgery, Buffalo, NY, USA
- 1.13. A Novel Folate Receptor-Targeted Optical Contrast Agent for Intraoperative Imaging of Lung Cancer.** C. J. Corbett¹, J. D. Predina^{3,5,6}, A. D. Newton², M. Shin², L. Sulyok², L. Xia², P. S. Low^{7,8}, S. Singhal^{1,2,3,4} ¹University of Pennsylvania, Perelman School of Medicine, Philadelphia, PA, USA ²Hospital of the University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA ³Hospital of the University of Pennsylvania, Center for Precision Surgery, Philadelphia, PA, USA ⁴Hospital of the University of Pennsylvania, Department of Thoracic Surgery, Philadelphia, PA, USA ⁵Harvard School of Medicine, Brookline, MA, USA ⁶Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ⁷Purdue University, Department of Chemistry, West Lafayette, IN, USA ⁸On Target Laboratories, West Lafayette, IN, USA
- 1.14. Src Inhibition Reverses Epithelial-Mesenchymal Transition in Pancreatic Ductal Adenocarcinoma.** A. A. Gaidarski¹, N. Nagathihalli¹, M. Van Saun¹, N. Merchant¹ ¹University of Miami, Department of Surgery, Miami, FL, USA
- 1.15. An Inactivating Patched 1 Gene Mutation in the Hedgehog Pathway Defines a New Subset of Plexiform Fibromyxoma.** S. Banerjee¹, C. Tang¹, M. Yerba¹, R. Ustoy¹, A. M. Burgoyne², T. J. Savides³, A. M. Tipps⁴, J. K. Sicklick¹ ¹University of California - San Diego, Department of Surgery, San Diego, CA, USA ²University of California - San Diego, Department of Medical Oncology, San Diego, CA, USA ³University of California - San Diego, Department of Gastroenterology, San Diego, CA, USA ⁴University of California - San Diego, Department of Pathology, San Diego, CA, USA
- 1.16. Effect of JQ1 treatment on human MYCN-amplified vs non-amplified Neuroblastoma cells.** V. Naga¹, C. Gordon¹, J. Mazar¹, T. Westmoreland¹ ¹Nemours Children's Hospital, Biomedical Research, Orlando, FL, USA

TUESDAY

1.17. Novel Chemotherapeutic Agent, FND4b, Inhibits Colorectal Cancer Cell Proliferation. H. A. Frohman^{1,2}, P. G. Rychahou^{1,2}, D. S. Watt^{3,4}, Y. Y. Zaytseva^{2,5}, C. Liu^{2,3}, N. Roller², K. Wang¹, B. M. Evers^{1,2} ¹University of Kentucky, Department of Surgery, Lexington, KY, USA ²University of Kentucky, Markey Cancer Center, Lexington, KY, USA ³University of Kentucky, Department of Molecular and Cellular Biochemistry, Lexington, KY, USA ⁴University of Kentucky, Center for Molecular Medicine, Organic Synthesis Core, Lexington, KY, USA ⁵University of Kentucky, Department of Toxicology and Cancer Biology, Lexington, KY, USA

1.18. the Roles of Sphingosine-1-phosphate Produced by Sphingosine Kinases in Tumor and Its Microenvironment. K. Miura¹, M. Nagahashi¹, M. Nakajima¹, K. Yuza¹, J. Tsuchida¹, Y. Hirose¹, M. Abe², K. Sakimura², T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Brain Research Institute, Niigata University, Department of Cellular Neurobiology, Niigata, NIIGATA, Japan

WEDNESDAY

7:30 AM - 9:30 AM **Integrated Quick Shot Presentations Session I**

2. BASIC SCIENCE: PEDIATRICS QUICKSHOT SESSION

CITY TERRACE 5

MODERATORS: Ankush Gosain, MD, PhD, FAAP & Michael J. Morowitz, MD

THURSDAY

2.01. PROMININ-1 Hepatic Progenitor Cell Ablation Increases Hepatic Fibrosis in Bile Duct Ligation. M. R. Fenlon^{1,2}, J. Xu¹, J. Zagory¹, K. Asahina², K. Wang¹ ¹Children's Hospital Los Angeles, Surgery, Los Angeles, CA, USA ²University of Southern California, Los Angeles, CA, USA

2.02. Macrophage-promoted Invasion of Osteosarcoma Requires Receptor-interacting Protein Kinase 2 (RIPK2). C. Maloney^{1,2}, M. P. Kallis^{1,2}, M. C. Edelman³, M. Symons³, B. M. Steinberg^{1,3}, S. Z. Soffer^{2,3} ¹Feinstein Institute of Medical Research, Elmezzzi School of Molecular Medicine, Manhasset, NY, USA ²Hofstra Northwell School of Medicine, Surgery, Manhasset, NY, USA ³Feinstein Institute of Medical Research, Karches Center for Oncology and Cell Biology, Manhasset, NY, USA ⁴Hofstra Northwell School of Medicine, Pathology and Laboratory Medicine, Manhasset, NY, USA

2.03. IL6 Is An Important Paracrine Factor of USC Mediated Intestinal Protection Following Ischemia. B. S. Morcho¹, N. A. Drucker¹, J. P. Te Winkel¹, M. J. Ferkowicz¹, T. A. Markel¹ ¹Indiana University School of Medicine, Pediatric Surgery, Indianapolis, IN, USA

2.04. Hydrogen Sulfide Donor GYY4137 Protects the Intestines Following Injury via eNOS Dependent Pathways. N. A. Drucker¹, A. R. Jensen¹, M. J. Ferkowicz¹, T. A. Markel¹ ¹Indiana University School of Medicine, Pediatric Surgery, Indianapolis, IN, USA

2.05. Alum Pretreatment Improves Survival from Murine Neonatal Sepsis and Alters Levels of IL-10 and pAKT. R. B. Hawkins¹, J. C. Rincon¹, S. L. Raymond¹, R. Ungaro¹, J. L. Wynn¹, L. L. Moldawer¹, S. D. Larson¹ ¹University of Florida College of Medicine, Department of Surgery, Gainesville, FLORIDA, USA

2.06. An Organotypic Spinal Cord Slice Culture Model of Fetal Myelomeningocele Hydrogel Patch Repair. K. A. Walker¹, G. Jiang¹, J. Di Bernardo¹, K. O'Shea³, L. D. Shea⁴, S. M. Kunisaki¹ ⁴University of Michigan, Biomedical Engineering, Ann Arbor, MI, USA ¹University of Michigan (Michigan Medicine), Surgery, Pediatric Surgery Section, Ann Arbor, MI, USA ³University of Michigan (Michigan Medicine), Cell and Developmental Biology, Ann Arbor, MI, USA

2.07. the In Vitro and In Vivo Effects of Granulocyte Colony Stimulating Factor on Metastatic Neuroblastoma. W. E. Barry¹, G. Asueltine¹, L. Wang², E. S. Kim¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ²Children's Hospital Los Angeles, Pathology, Los Angeles, CA, USA

2.08. Fetal Lung Transcriptome Patterns in an Ex Vivo Compression Model of Diaphragmatic Hernia. Z. D. Fox^{1,2}, G. Jiang², K. A. Walker², K. Ho³, A. P. Liu³, S. M. Kunisaki^{1,2} ¹University of Michigan Medical School, Ann Arbor, MI, USA ²Michigan Medicine, Pediatric Surgery Section, Department of Surgery, Ann Arbor, MICHIGAN, USA ³University of Michigan, Mechanical Engineering, Ann Arbor, MICHIGAN, USA

1.19. Early Pancreatic Carcinoma Tumorigenesis is Driven by Macrophages and TGF- β . M. A. Alvarez¹, S. M. Husain¹, L. F. Reed¹, P. V. Dickson^{1,2}, J. L. Deneve^{1,2}, D. Shibata^{1,2}, E. S. Glazer^{1,2} ¹University of Tennessee Health Science Center, Memphis, TN, USA ²UT West Cancer Center, Memphis, TN, USA

1.20. Cannabinoid in the Management of Melanoma: A Potential New and Novel Treatment. E. L. Simmerman¹, X. Qin², J. C. Yu¹, B. Baban² ¹Augusta University Medical Center, Department of Surgery / Division of Plastic Surgery, Augusta, GA, USA ²Augusta University Medical Center, Department of Oral Biology / Dental College of Georgia, Augusta, GA, USA

2.09. Lipocalin-2 Increases Weight Loss, Intestinal Permeability and Mortality in a Short Bowel Model. S. M. Alaish¹, D. R. Shores², A. Zhang¹, M. Wang¹, H. Jia¹, W. Fulton¹, C. Sodhi¹, D. J. Hackam¹ ¹Johns Hopkins University School of Medicine, Pediatric Surgery/Surgery, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Pediatric Gastroenterology/Pediatrics, Baltimore, MD, USA

2.10. FAK Inhibition Decreases Tumorigenicity in a PDX Model of Primary and Metastatic Wilms Tumor. J. Aye¹, S. Mruthyunjayappa¹, L. Stafman¹, E. Garner¹, J. Stewart¹, E. Mroczek-Musulman¹, K. Yoon¹, K. Whelan¹, E. Beierle¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

2.11. FAK Inhibition Decreases Stemness and Tumorigenicity of Tumor Initiating Cells in Neuroblastoma. L. Stafman¹, E. Garner¹, J. Aye¹, A. Williams¹, J. Stewart¹, K. Yoon¹, K. Whelan¹, E. Beierle¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

2.12. Double Plication for Spring-Mediated In-Continuity Intestinal Lengthening in a Porcine Model. G. Dubrovsky¹, N. Huynh², A. Thomas², S. Shekherdian¹, J. C. Dunn^{1,2} ¹University of California - Los Angeles, Division of Pediatric Surgery, Department of Surgery, David Geffen School of Medicine, Los Angeles, CA, USA ²Stanford University, Division of Pediatric Surgery, Department of Surgery, Stanford University School of Medicine, Palo Alto, CA, USA

2.13. the Effects of Gestational Psychological Stress on Neonatal Mouse Intestinal Development. J. Shah^{1,2}, S. B. Deas^{2,3}, J. H. Neilson^{2,3}, C. Ren⁴, T. Jilling⁴, K. M. Brawner², C. A. Martin² ¹University of Alabama at Birmingham, Department of Clinical & Diagnostic Sciences, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Department of Medicine, Birmingham, Alabama, USA ⁴University of Alabama at Birmingham, Department of Pediatrics, Birmingham, Alabama, USA

2.14. Generation of Synthetic Intestinal Bioscaffold with Similarities to Native Mammalian Small Intestine. M. R. Ladd¹, C. Costello², B. Johnson¹, C. Gosztyla¹, A. Werts¹, L. Martin¹, W. Fulton¹, P. Lu¹, H. Jia¹, E. Banfield¹, J. Sung¹, S. Wang¹, T. Prindle¹, Y. Yamaguchi¹, C. Sodhi¹, J. C. March², D. J. Hackam¹ ¹Johns Hopkins University School of Medicine, General Surgery, Baltimore, MD, USA ²Cornell University, Ithaca, NY, USA

2.16. Etoposide Loaded Silk Wafers Slow Neuroblastoma Tumor Growth. J. C. Harris³, B. Yavuz¹, J. Zeki², J. Coburn⁴, N. Ikegaki², D. Levitin¹, D. Kaplan¹, B. Chiu^{2,3} ¹Tufts University, Biomedical Engineering, Boston, MA, USA ²University of Illinois Chicago, Pediatric Surgery, Chicago, IL, USA ³Rush University Medical Center, Surgery, Chicago, IL, USA ⁴Worcester Polytechnic Institute, Biomedical Engineering, Worcester, MA, USA

- 2.17. Impact of Toll-like Receptor 4 Stimulation on Human Neonatal Neutrophil Transcriptomic Response.** S. L. Raymond¹, R. B. Hawkins¹, T. J. Murphy¹, J. C. Rincon¹, J. A. Stortz¹, M. Lopez², R. Ungaro¹, H. V. Baker², J. L. Wynn³, L. L. Moldawer¹, S. D. Larson¹ ¹University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA ²University of Florida College of Medicine, Department of Molecular Genetics and Microbiology, Gainesville, FL, USA ³University of Florida College of Medicine, Department of Pediatrics, Gainesville, FL, USA
- 2.18. Is Gastroschisis A Lymphatic Disease? Study In A Fetal Rabbit Model.** F. Scorletti¹, M. Oria¹, F. Y. Lim¹, J. L. Peiro¹ ¹Cincinnati Children's Hospital Medical Center, the Center for Fetal, Cellular and Molecular Therapy, Cincinnati, OH, USA

- 2.19. the Role of Intestinal TLR4 in the Development of Small Bowel Resection Associated Metabolic Syndrome.** C.M. Courtney^{1,2}, L.K. Barron^{1,2}, E. J. Onufer^{1,2}, J. Guo¹, B.W. Warner^{1,2} ¹Washington University, Pediatric Surgery, St. Louis, MO, USA ²St Louis Children's Hospital, Pediatric Surgery, St Louis, MO, USA
- 2.20. Preclinical Evaluation of Novel Retinoic Acid Derivatives in Neuroblastoma.** A. J. Lazenby¹, A. P. Williams¹, L. L. Stafman¹, J. Aye¹, V. R. Atigadda², J. Stewart¹, D. D. Muccio⁴, C. Grubbs³, E. A. Beierle¹ ²University of Alabama at Birmingham, Dermatology, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA ⁴University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA ⁵University of Alabama at Birmingham, Pharmacology and Toxicology, Birmingham, Alabama, USA ⁶University of Alabama at Birmingham, Pediatrics, Birmingham, Alabama, USA ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I**3. BASIC SCIENCE: GENERAL SURGERY AND UPPER GI/BARIATRIC QUICKSHOT SESSION**

CITY TERRACE 6

MODERATORS: Valentine N. Nfonsam, MD, MS & Brian S. Zuckerbraun, MD

- 3.01. Serotonin Mediated Neuro-Intestinal Regulation of Immune Development.** J. H. Neilson¹, K. Brawner¹, S. Dees¹, A. Chen¹, J. Bibb¹, C. Martin¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA
- 3.02. Intestinal Alkaline Phosphatase Deficiency Confers Susceptibility to T1DM in STZ Mouse Model.** R. Vasan¹, F. Kuehn¹, J. Ramirez¹, F. Adiliaghdam¹, E. Liu¹, Y. Liu¹, M. Farber¹, R. Pepen¹, C. Freguia², M. Kaleko², R. A. Hodin¹ ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA ²Synthetic Biologics, Rockville, MD, USA
- 3.03. Notch is Protective in Spleen Against Apoptosis During Endotoxemia via TLR4/Myd88/iNOS/TACE Pathway.** C. Yang^{1,2}, M. Deng², M. Scott², T. Billiar² ¹Tsinghua University, Medical School, Beijing, BEIJING, China ²University of Pittsburgh, Pittsburgh, PA, USA
- 3.04. the Role of microRNA-21 in the Regulation of Inflammation and Macrophage Polarization.** C. E. Liechty¹, J. Hu¹, C. Zgheib¹, K. W. Liechty¹, J. Xu¹ ¹University of Colorado-Anschutz Medical Campus, Department of Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, CO, USA
- 3.05. Inflammatory Properties of Ileal Fluid from Patients with IBD.** Y. Liu¹, F. Kuehn¹, R. Vasan¹, E. Liu¹, F. Adiliaghdam¹, E. Samarabafzadeh¹, R. Hodin¹ ¹Massachusetts General Hospital, General and GI Surgery, Boston, MA, USA
- 3.06. Hyperglycemia reduces long non-coding RNA Lethe expression through the ribosomal binding protein HuR.** J. Xu¹, J. Hu¹, C. Zgheib¹, M. M. Hodges¹, K. W. Liechty¹ ¹University of Colorado-Anschutz Medical Campus, Department of Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, CO, USA
- 3.07. Intestinal Epithelial Cell-Specific mTORC1 Regulates Food Intake.** S. Tay², J. Guo¹, B. W. Warner¹ ¹Washington University, Pediatric Surgery, St. Louis, MO, USA ²Washington University, School of Medicine, St. Louis, MO, USA
- 3.08. MiR-146a-Conjugated Cerium Oxide Nanoparticles Accelerate Diabetic Wound Healing by Promoting Angiogenesis.** C. Zgheib¹, J. Xu¹, M. M. Hodges¹, J. Hu¹, L. C. Dewberry¹, S. A. Hilton¹, S. Seal¹, K. W. Liechty¹ ¹Laboratory for Fetal and Regenerative Biology, Department of Surgery, School of Medicine, University of Colorado Denver - Anschutz Medical Campus and Colorado Children's Hospital, Aurora, CO, USA ²Advanced Materials Processing and Analysis Centre, Nanoscience Technology Center (NSTC), Mechanical Materials Aerospace Eng, University of Central Florida, Orlando, FL, USA
- 3.09. Nanofiber Scaffold-Skin Composite for Treatment of Excisional Wounds in Diabetic Rats.** J. A. Ungar¹, L. Fu², S. Aravind¹, J. Xie³, M. Carlson¹ ¹University of Nebraska College of Medicine, College of Medicine, Omaha, NE, USA ²University of Nebraska Medical Center, Regenerative Medicine, Omaha, NE, USA ³University of Nebraska Medical Center, Surgery - Transplant, Omaha, NE, USA
- 3.10. Decreased Inflammation in Scarless Fetal Skin Wound Healing is Regulated by miR-146a.** L. C. Dewberry¹, M. M. Hodges¹, C. Zgheib¹, J. Xu¹, S. A. Hilton¹, J. Hu¹, K. W. Liechty^{1,2} ¹University of Colorado Denver, Department of Surgery, Aurora, CO, USA ²Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA
- 3.11. Ursodeoxycholic acid (UDCA) may protect against intestinal injury in mouse models of peritonitis.** M. Nguyen¹, O. Escobar¹, C. Gayer¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CALIFORNIA, USA
- 3.12. FXR May Be Necessary for Experimental Murine LPS Induced Peritonitis Intestinal Damage.** M. U. Mallicote¹, O. Escobar¹, C. Gayer¹ ¹Children's Hospital Los Angeles, Los Angeles, CA, USA
- 3.14. C-Jun Induction Leads to Increased Scar Formation and Fibrosis in Mice.** B. Duoto^{1,2}, A. Moore^{1,3}, D. Foster¹, R. E. Jones^{1,4}, S. Mascharak¹, G. Wernig⁵, M. Longaker¹ ¹Stanford University, Surgery, Stanford, CALIFORNIA, USA ²San Jose State University, Biology, San Jose, CALIFORNIA, USA ³Brigham and Women's Hospital/Brigham and Women's Hospital, Surgery, Boston, MASSACHUSETTS, USA ⁴University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ⁵Stanford University, Pathology, Stanford, CALIFORNIA, USA
- 3.15. Investigating the Integrin α_3 -dependent Secretome in Keratinocytes: Implications for Wound Healing.** L. A. DeFreest¹, L. Van De Water², C. DiPersio² ¹Albany Medical College, Department of Surgery, Division of General Surgery, Section of Trauma and Critical Care, Albany, NY, USA ²Albany Medical College, Department of Surgery and Department of Regenerative & Cancer Cell Biology, Albany, NY, USA
- 3.16. Acta2, Tnc, and Col24a1 Expression are Associated with Fibroblast Formation of Abdominal Adhesions.** D. Foster^{1,2}, C. D. Marshall^{1,2}, R. C. Ransom², A. Manjunath³, G. Gulati³, M. S. Hu², C. C. Chan³, W. T. Leavitt², A. L. Moore², L. A. Barnes², M. Murphy², M. T. Longaker^{1,2,3} ¹Stanford University, Department of Surgery, Stanford, CA, USA ²Stanford University, Hagey Laboratory for Pediatric Regenerative Medicine, Stanford, CA, USA ³Stanford University, Institute for Stem Cell Biology and Regenerative Medicine, Stanford, CA, USA
- 3.17. Anti-fibrosis Effect of Novel Oridonin Analog CYD0618 via Suppression of NF- κ B Pathway.** C. B. Cummins¹, X. Wang¹, J. Xu², Y. Ding², H. Chen², J. Zhou², R. Radhakrishnan¹ ¹University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA ²University of Texas Medical Branch, Department of Pharmacology and Toxicology, Galveston, TX, USA
- 3.18. Diversity of Enterococcus faecalis in the Early Microbiota of Rats.** P. T. Delaplain¹, J. Wang¹, B. Bell¹, A. Grishin¹, H. Ford¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA

3.19. Effects of Exogenous Del1 Protein on Human Skeletal Stem Cell Proliferation. T. Boyko^{1,2}, O. Marecic¹, M. Lopez¹, C. Chan¹, M. T. Longaker¹, G. P. Yang¹ ¹Stanford University School of Medicine, Surgery, Stanford, CALIFORNIA, USA ²University at Buffalo, Surgery, Buffalo, NY, USA

3.20. Large-field of View Laparoscopic Visualization Utilizing Multiple Miniaturized Cameras. J. Kim¹, A. Watras¹, H. Liu¹, Z. Zeng¹, J. A. Greenberg², C. P. Heise², Y. Hu¹, H. Jiang¹ ¹University of Wisconsin-Madison, Electrical and Computer Engineering, Madison, WI, USA ²University of Wisconsin School of Medicine and Public Health, Department of Surgery, Madison, WI, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

4. BASIC SCIENCE: PLASTICS AND TRANSPLANTATION QUICKSHOT SESSION

CITY TERRACE 7

MODERATOR: Timothy W. King, MD, PhD

4.01. Conserved FcRN-albumin interaction: implications for porcine-to-human renal xenotransplantation. J. R. Butler^{1,2}, M. R. Greg², J. Ladowski², Z. Wang², J. L. Estrada², M. Tector², A. Tector² ¹Indiana University School of Medicine, Indianapolis, IN, USA ²University of Alabama at Birmingham, Birmingham, Alabama, USA

4.02. Automated Quantification of Soft Endpoints in Wound Healing Analysis. S. Mascharak¹, A. L. Moore^{1,2}, B. Duoto¹, D. S. Foster¹, R. E. Jones^{1,3}, G. Wernig⁴, M. T. Longaker¹ ¹Stanford University, Dept. Surgery, Palo Alto, CA, USA ²Brigham and Women's Hospital, Dept. Surgery, Boston, MA, USA ³University of Texas Southwestern Medical Center, Dept. Surgery, Dallas, TX, USA ⁴Stanford University, Dept. Pathology, Palo Alto, CA, USA

4.03. Scaffold-free 3D-Bioprinting (3DBP) of A Porcine Liver Model. C. A. Vega¹, L. J. Smith^{2,3}, K. A. Altman⁴, P. Li⁴, B. Ekser⁴ ¹Indiana University School of Medicine, Indianapolis, IN, USA ²Indiana University - Purdue University Indianapolis, 3D-Bioprinting Core, Indianapolis, IN, USA ³Indiana University School of Medicine, Department of Radiology and Imaging Sciences, Indianapolis, IN, USA ⁴Indiana University School of Medicine, Division of Transplant Surgery, Department of Surgery, Indianapolis, IN, USA

4.04. Discordant Impact on Coagulation Between HTK and UW. A. Kam¹, H. B. Moore¹, C. B. Walker¹, J. L. Dexter-Meldrum¹, M. Chapman¹, T. Johnson¹, M. A. Adams¹, T. Pshak¹, I. Kam¹, E. Pomfret¹, T. L. Nydam¹ ¹University of Colorado Denver, Surgery, Aurora, CO, USA

4.05. Human Small Intestine Transplantation: Jejunum is more Susceptible to Ischemia than Ileum. T. Lysy¹, M. Finotti^{1,2}, R. Morotti¹, A. S. Munoz-Abraham¹, A. Bertacco², R. Agarwal¹, C. Ibarra¹, R. Patron¹, A. Alkukhun¹, F. D'Amico^{1,2}, M. Rodriguez-Davalos¹, D. Mulligan¹, J. Geibel¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA ²University of Padua, Transplantation and Hepatobiliary/Surgery, Padua, PADUA, Italy

4.06. Cellular and Mechanical Mechanisms Underlying Regeneration in Mandibular Distraction Osteogenesis R. E. Jones¹, R. C. Ransom^{1,2}, A. C. Carter³, A. Salhotra^{1,2}, T. Leavitt¹, O. C. Marecic^{1,2}, M. Lopez^{1,2}, M. Murphy^{1,2}, C. K. Chan^{1,2}, D. C. Wan¹, H. Y. Chang³, M. T. Longaker^{1,2} ¹Hagey Laboratory For Pediatric Regenerative Medicine, Department Of Surgery, Division Of Plastic And Reconstructive Surgery, Stanford University School Of Medicine, Stanford, CA, USA ²Institute For Stem Cell Biology And Regenerative Medicine, Stanford University, Stanford, CA, USA ³Center For Personal Dynamic Regulomes, Stanford University, Stanford, CA, USA

4.07. A Novel Human Xenograft Model to study Strategies in Articular Cartilage Regeneration. M. P. Murphy¹, M. Lopez¹, R. C. Ransom¹, O. Marecic¹, R. E. Brewer¹, L. S. Koepke¹, S. Mascharak¹, C. F. Chan¹, M. T. Longaker¹ ¹Stanford University, Surgery, Palo Alto, CA, USA

4.08. Notch Activator Jagged1 Results in Increased Closure Rates in an Ex Vivo Murine Skin Wound Model 1. Z. Aburjania¹, T. W. King¹ ¹University of Alabama at Birmingham, Plastic Surgery, Birmingham, Alabama, USA

4.09. Regional Differences in Elastic Strain Correlate with Altered Mechanotransduction and Keloid Progression. T. Dohi¹, J. Padmanabhan¹, P. Than¹, S. Akaishi³, M. Terashima², N. Matsumoto³, R. Ogawa³, G. C. Gurtner¹ ¹Stanford University, Department of Surgery, Palo Alto, CA, USA ²Stanford University, Department of Civil & Environmental Engineering, Palo Alto, CA, USA ³Nippon Medical School, Department of Plastic, Reconstructive and Aesthetic Surgery, Bunkyo, TOKYO, Japan

4.10. Characterization of Porcine Xenoantibody Response In Vitro. K. Pham¹, N. Wilson-Schlei¹, R. Redfield¹ ¹University of Wisconsin, Department of Surgery, Madison, WI, USA

4.11. Assessing Pollution Samples for Autoimmune Promoting Activity In Vitro. H. Tran¹, C. O'Driscoll¹, E. Hoffmann¹, J. Fechner¹, J. Mezrich¹ ¹University of Wisconsin, Transplant/Surgery/SMPH, Madison, WI, USA

4.12. Human Intestinal Preservation: Histological Comparison between UW and HTK in Hypothermic Storage. M. Finotti^{1,2}, T. Lysy¹, R. Morotti¹, A. S. Munoz-Abraham¹, A. Bertacco², R. Agarwal¹, C. Ibarra¹, R. Patron¹, A. Alkukhun¹, F. D'Amico^{1,2}, M. Rodriguez-Davalos¹, D. Mulligan¹, J. Geibel¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA ²University of Padua, Transplantation & Hepatobiliary/Surgery, Padua, PADUA, Italy

4.13. Screening Waitlisted Transplant Patients for Swine MHC Class II Antibodies. J. M. Ladowski¹, G. Martens¹, L. Reyes¹, Z. Wang¹, M. Tector¹, A. J. Tector¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

4.14. Antibiotic Coated VICRYL Prevents P. aeruginosa Colonization in vitro Better than VICRYL Plus®. J. Baker¹, E. Gulbins^{1,2}, M. J. Edwards¹, A. Seitz¹ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA ²University of Duisburg-Essen, Department of Molecular Biology, Essen, Germany

4.15. Tissue-engineered Human Spleen can be Generated in a Mouse Model. M. Isani¹, X. Hou¹, A. Fode¹, C. Schlieve¹, T. C. Grikscheit¹ ¹Children's Hospital Los Angeles, Los Angeles, CA, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I**5. CLINICAL/OUTCOMES: BREAST QUICKSHOT SESSION**

CITY TERRACE 8

MODERATOR: Shayna L. Showalter, MD

- 5.01. Identifying low risk populations for the omission of sentinel lymph node biopsy in breast cancer.** L. A. Riba¹, T. A. James¹ ¹Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA
- 5.02. the EFFECT of CONTRALATERAL PROPHYLACTIC MASTECTOMY (CPM) ON COMPLICATIONS and LENGTH of STAY (LOS).** J. Huang¹, A. Chagpar¹ ¹Yale University School of Medicine, New Haven, CT, USA
- 5.03. Bone Morphogenetic Protein Expression Significantly Affects Breast Cancer Prognosis.** A. A. MAAWY¹, E. Katsuta¹, L. Yan², K. Takabe¹ ¹Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Biostatistics and Bioinformatics, Buffalo, NY, USA
- 5.04. Analysis of neoadjuvant chemotherapy for invasive lobular carcinoma.** L. A. Riba¹, T. L. Russell¹, T. A. James¹ ¹Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA
- 5.05. Expression of miR-9 Predicts Breast Cancer Survival.** J. C. Sporn¹, E. Katsuta¹, L. Yan², K. Takabe¹ ¹Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Biostatistics & Bioinformatics, Buffalo, NY, USA
- 5.06. Effect of Preoperative MRI on Rate of Local and Distant Recurrence of Breast Cancer.** A. Roy¹, Z. Zeng³, X. Li⁶, S. Espino⁴, Y. Luo³, H. Jiang⁵, S. Khan⁴ ¹Northwestern University, Feinberg School of Medicine, Chicago, IL, USA ³Northwestern University, Department of Preventative Medicine, Feinberg School of Medicine, Chicago, IL, USA ⁴Northwestern University, Department of Surgery, Feinberg School of Medicine, Chicago, IL, USA ⁵Northwestern University, Department of Statistics, Evanston, IL, USA ⁶Harvard School of Public Health, Department of Social & Behavioral Sciences, Boston, MA, USA
- 5.07. Recurrence in Patients Who Achieved Pathological Complete Response by Neoadjuvant Chemotherapy.** M. Asaoka¹, K. Narui³, A. Yamada³, N. Suganuma⁴, T. Chishima⁵, K. Takabe², T. Ishikawa¹ ¹Tokyo Medical University Hospital, Department of Breast Cancer, Tokyo, TOKYO, Japan ²Roswell Park Cancer Institute, Buffalo, NY, USA ³Yokohama City University Hospital, Department of Breast Cancer, Yokohama, KANAGAWA, Japan ⁴Kanagawa Cancer Center, Department of Mammary Gland Endocrine Surgery, Yokohama, KANAGAWA, Japan ⁵Yokohama Rosai Hospital, Department of Oncology, Yokohama, KANAGAWA, Japan
- 5.08. Retrospective Analysis of Acellular Dermal Matrix Efficacy following Immediate Breast Reconstruction.** N. Sobti¹, E. Ji¹, R. L. Brown¹, C. L. Cetrulo¹, A. S. Colwell¹, J. M. Winograd¹, W. G. Austen¹, E. C. Liao¹ ¹Massachusetts General Hospital, Division of Plastic and Reconstructive Surgery, Boston, MA, USA
- 5.09. the Effect of Surgeon Performed Intra-Operative Specimen Ink on Lumpectomy Re-excision Rates.** A. Botty Van Den Bruele¹, B. Jasra¹, C. Smotherman², M. Crandall¹, L. Samiiian¹ ¹University of Florida College of Medicine Jacksonville, Department of Surgery, Jacksonville, FL, USA ²University of Florida College of Medicine Jacksonville, Center for Health Equity and Quality Research, Jacksonville, FL, USA
- 5.10. the Effect of Obesity on Operating Room Utilization in Breast Surgery.** N. Tata¹, J. Dunderdale², I. Helenowski³, B. Jovanovic³, R. Marcus⁴, S. Kulkarni² ¹Feinberg School of Medicine - Northwestern University, Chicago, IL, USA ²Feinberg School of Medicine - Northwestern University, Department of Surgery, Chicago, IL, USA ³Feinberg School of Medicine - Northwestern University, Department of Preventative Medicine, Chicago, IL, USA ⁴Feinberg School of Medicine - Northwestern University, Department of Anesthesia, Chicago, IL, USA
- 5.11. the role of CTA in assessing DIEP flap perforator patency in patients with pre-existing abdominal scars.** L. M. Ngaage¹, R. Hamed³, B. Di Pace^{2,5}, G. Oni², B. Koo⁴, C. M. Malata^{2,6,7} ¹University of Cambridge, Clinical School of Medicine, Cambridge, ENGLAND, United Kingdom ²Addenbrooke's Hospital, Plastic & Reconstructive Surgery, Cambridge, ENGLAND, United Kingdom ³The University of Alexandria Medical School, Alexandria, ALEXANDRIA, Egypt ⁴Addenbrooke's Hospital, Radiology, Cambridge, ENGLAND, United Kingdom ⁵Università Degli Studi Della Campania Luigi Vanvitelli, Plastic Surgery Unit, Naples, NAPLES, Italy ⁶Addenbrooke's Hospital, Cambridge Breast Unit, Cambridge, ENGLAND, United Kingdom ⁷Anglia Ruskin University, Postgraduate Medical Institute, Faculty of Medical Sciences, Cambridge & Chelmsford, ENGLAND, United Kingdom
- 5.12. Breast Cancer in Women over 80: An Analysis of Treatment Patterns and Disease Outcomes.** E. N. Ferrigni^{1,2}, C. Bergom^{1,2}, Z. Yin¹, A. Kong^{1,2} ¹Medical College of Wisconsin, Milwaukee, WI, USA ²Froedtert Hospital, Surgical Oncology, Milwaukee, WI, USA
- 5.13. Contralateral Prophylactic Mastectomy versus Unilateral Mastectomy: Impact on Surveillance.** S. R. DeBiase¹, W. Sun², C. Laronga², D. Boulware³, J. K. Lee³, M. Lee² ¹University of South Florida College of Medicine, Tampa, FL, USA ²Moffitt Cancer Center and Research Institute, Moffitt Breast Program, Tampa, FL, USA ³Moffitt Cancer Center and Research Institute, Moffitt Biostatistics, Tampa, FL, USA
- 5.14. Elevated Body Mass Index is Associated with Early Tissue Expander Removal in Breast Reconstruction.** M. Lazar¹, C. Silvestri¹, I. Le¹, S. Weingarten¹, I. Chervoneva¹, M. Jenkins¹, S. Copit¹, P. Greaney¹, T. Tsangaris¹, A. Berger¹ ¹Thomas Jefferson University Hospital, Philadelphia, PA, USA
- 5.15. the effect of CTA and venous couplers on surgery duration in microvascular breast reconstruction.** L. M. Ngaage¹, B. Di Pace^{2,4}, R. Hamed⁵, G. Oni², L. Fopp², B. Koo³, C. M. Malata^{2,6,7} ¹University of Cambridge, School of Clinical Medicine, Cambridge, United Kingdom ²Addenbrooke's Hospital, Plastic and Reconstructive Surgery, Cambridge, United Kingdom ³Addenbrooke's Hospital, Radiology, Cambridge, United Kingdom ⁴Università Degli Studi Della Campania Luigi Vanvitelli, Plastic Surgery Unit, Naples, Italy ⁵University of Alexandria, Medical School, Alexandria, Egypt ⁶Addenbrooke's Hospital, Cambridge Breast Unit, Cambridge, United Kingdom ⁷Anglia Ruskin University, Faculty of Medical Sciences, Cambridge & Chelmsford, United Kingdom
- 5.16. Overview of Florida Genetic Mutation Carriers from the Inherited Cancer Registry (ICARE).** D. A. Henry¹, D. Almanza¹, C. Lee¹, W. Sun¹, T. Pal², C. Laronga¹ ¹Moffitt Cancer Center and Research Institute, Breast Surgical Oncology, Tampa, FL, USA ²Vanderbilt-Ingram Cancer Center, Nashville, TN, USA
- 5.17. the Implications of Insurance Status on Mortality among Early Stage Breast Cancer Patients in Indiana.** S. Obeng-Gyasi¹, L. Timsina¹, K. D. Miller³, G. L. Dunnington¹, K. K. Ludwig¹, D. A. Haggstrom² ¹Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Department of Medicine, Indianapolis, IN, USA ³Indiana University School of Medicine, Division of Hematology and Oncology, Indianapolis, IN, USA
- 5.18. the Impact of Pre-Operative Breast MRI on Surgical Wait Times in a Public Hospital Setting.** E. Warnack¹, S. Dhage¹, K. P. Joseph¹ ¹New York University School of Medicine, Surgery, New York, NY, USA
- 5.19. Do Disparities Exist Before Breast Cancer Screening: An Analysis of Young Women Without Insurance.** E. C. Feliberti¹, R. C. Britt¹, J. N. Collins¹, R. R. Perry¹ ¹Eastern Virginia Medical School, Surgical Oncology, Norfolk, VA, USA
- 5.20. Impact of Margins on Re-excision Rates for Breast-Conserving Surgery.** K. Shuman¹, E. Malone², J. Richman², C. Parker² ¹University of Alabama at Birmingham, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

6. CLINICAL/OUTCOMES: CARDIOTHORACIC QUICKSHOT SESSION 1

CITY TERRACE 9

MODERATORS: Sunil K. Geevarghese, MD & Anthony W. Kim, MD

6.01. National Volume-Outcome Relationships for Extracorporeal Membrane Oxygenation. K. L. Bailey¹, Y. Sanaiha¹, E. Aguayo¹, Y. Seo¹, V. Dobaria¹, R. J. Shemin¹, P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Division of Cardiac Surgery, Los Angeles, CA, USA

6.02. Comparison of Outcomes of Minimally Invasive and Open Pneumonectomy. A. Kumar¹, H. Devishetty¹, T. Demmy¹, S. Yendamuri¹ ¹Roswell Park Cancer Institute, Department of Thoracic Surgery, Buffalo, NY, USA

6.03. Impact of Depression on Readmission Outcomes after Coronary Artery Bypass Graft Surgery. E. A. Aguayo¹, Y. Juo¹, Y. Seo¹, K. L. Bailey¹, V. Dobaria¹, Y. Sanaiha¹, P. Benharash¹ ¹University of California - Los Angeles, Department of Surgery/ Division of Cardiac Surgery, Los Angeles, CA, USA

6.04. Poor Pulmonary Function Tests Potentiate the Impact of Comorbidities After Lobectomy for Lung Cancer. D. C. Thomas¹, B. N. Arnold¹, M. DeLuzio¹, F. C. Dettlerbeck¹, D. J. Boffa¹, J. D. Blasberg¹, A. W. Kim² ¹Yale School of Medicine, Section of Thoracic Surgery, New Haven, CT, USA ²University of Southern California, Division of Thoracic Surgery, Los Angeles, CA, USA

6.05. Long Term Survival and Echocardiographic Findings After Left Ventricular Aneurysmectomy. A. A. Assi¹, S. F. Bolling¹, H. J. Patel¹, M. Deeb¹, M. A. Romano¹, J. W. Haft¹, R. L. Prager¹, F. D. Pagani¹, P. C. Tang¹ ¹University of Michigan, Department of Cardiac Surgery, Ann Arbor, MI, USA

6.06. Correlation of Anastomotic Leak and Neoadjuvant Chemoradiotherapy in Esophageal Cancer. D. Lee¹, C. Takahashi², R. Shridhar³, J. Huston⁴, K. Meredith¹ ¹Florida State University College of Medicine, Gastrointestinal Oncology, Sarasota, FL, USA ²Midwestern University, Phoenix, AZ, USA ³University of Central Florida, Orlando, FL, USA ⁴Sarasota Memorial Health Care System, Sarasota, FLORIDA, USA

6.07. Perioperative Outcomes Following Esophagectomy With Gastric vs. Non-Gastric Reconstruction? M. Varasteh Kia², J. K. Canner¹, R. J. Battafarano¹, S. C. Yang¹, E. L. Bush¹, M. V. Brock¹, E. R. Haut^{1,3}, S. R. Broderick¹ ¹Johns Hopkins University School of Medicine, Baltimore, MD, USA ²Johns Hopkins Bloomberg School of Public Health, Epidemiology and Biostatistics, Baltimore, MD, USA ³Johns Hopkins Bloomberg School of Public Health, Health Policy and Management, Baltimore, MD, USA

6.08. Innominate versus Axillary Artery Cannulation for Hemiarch Repair. M. Eldeiry¹, M. Aftab¹, K. Yamanaka¹, M. S. Mosca¹, C. Ghincea¹, J. C. Cleveland¹, D. Fullerton¹, T. B. Reece¹ ¹University of Colorado Denver, Cardiothoracic Surgery, Aurora, CO, USA

6.09. Embedding Real-Time Measure of Surgeons' Cognitive Load into Cardiac Surgery Process Modeling. R. Dias^{2,7}, M. Zenati^{5,7}, H. Conboy⁶, J. Gabany⁵, D. Arney^{3,4}, J. Goldman^{3,4,7}, L. Osterweil⁶, G. Avrunin⁶, L. Clarke⁶, S. Yule^{1,2,7} ¹Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA ²Brigham and Women's Hospital, STRATUS Center for Medical Simulation, Boston, MA, USA ³Massachusetts General Hospital, Department of Anesthesia, Boston, MA, USA ⁴Massachusetts General Hospital, MD PnP Program, Boston, MA, USA ⁵VA Boston Healthcare System, Division of Cardiac Surgery, West Roxbury, MA, USA ⁶University of Massachusetts, Amherst, MA, USA ⁷Harvard Medical School, Boston, MA, USA

6.10. Financial Impact of Access Site Pseudoaneurysm after Transcatheter Aortic Valve Replacement. A. Iyengar¹, E. Aguayo¹, Y. Seo¹, Y. Sanaiha³, O. Kwon², R. Satou², P. Benharash² ¹University of California - Los Angeles, David Geffen School of Medicine, Los Angeles, CA, USA ²University of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA ³University of California - Los Angeles, General Surgery, Los Angeles, CA, USA

6.11. Readmissions After Mitral Valve Repair Vs. Replacement in the United States, 2010-2014. Y. Sanaiha¹, A. Mantha^{1,2}, Y. Seo¹, L. Mukdad¹, V. Dobaria¹, Y. Juo¹, R. Morchi², P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA ²University of California - Irvine, Cardiothoracic Surgery, Orange, CA, USA

6.13. Using Mathematical Modeling To Define the Learning Curve In Robot-assisted Thoracoscopic Lobectomy. B. N. Arnold¹, D. C. Thomas¹, V. Bhatnagar¹, J. D. Blasberg¹, Z. Wang², D. J. Boffa¹, F. C. Dettlerbeck¹, A. W. Kim³ ¹Yale University School of Medicine, Section of Thoracic Surgery, New Haven, CT, USA ²Yale University School of Medicine, School of Public Health, New Haven, CT, USA ³University of Southern California, Division of Thoracic Surgery, Los Angeles, CA, USA

6.14. Minimally Invasive Versus Full Sternotomy AVR In Low-risk Patients — Which Will Stand Against TAVR? S. A. Hirji¹, F. Ramirez Del Val¹, A. A. Kolkailah¹, J. Lee¹, S. F. Aranki¹, P. J. Shekar¹, T. Kaneko¹ ¹Brigham and Women's Hospital, Division of Cardiac Surgery, Department of Surgery, Boston, MA, USA

6.15. Risk Factors Contributing to Cardiac Events Following Thoracic Endovascular Aneurysm Repair (TEVAR). D. Acheampong¹, P. Paul¹, P. Boateng¹, I. Leitman¹ ¹Mount Sinai School of Medicine, New York, NY, USA

6.16. SURGICAL STAGING SUPERIOR TO PET SCAN for ASSESSMENT of DISEASE RESPONSE for MEDIAS-TINAL LYMPHOMA. L. Kane¹, H. Savas¹, M. DeCamp¹, A. Bharat¹ ¹Feinberg School of Medicine - Northwestern University, Chicago, IL, USA

6.17. National Practice Trends for the Management of Lung Cancer: A Dartmouth Atlas Study. I. C. Bostock¹, F. Sheikh¹, T. M. Millington¹, D. J. Finley¹, J. D. Philips¹ ¹Dartmouth Hitchcock Medical Center, Thoracic Surgery, Lebanon, NH, USA

6.18. ~Factors During Training Which Predict Future Use of Minimally Invasive Thoracic Surgery. P. E. Rothenberg¹, B. D. Hughes², I. C. Okereke¹ ¹University of Texas Medical Branch, Cardiothoracic Surgery, Galveston, TX, USA ²University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I**7. CLINICAL/OUTCOMES: COLORECTAL QUICKSHOT SESSION 1**

CITY TERRACE 10

MODERATORS: Kyle G. Cologne, MD & E. Carter Paulson, MD, MSCE

- 7.01. Facility Variation in Upstaging and Adjuvant Chemoradiation in Clinical Stage I Rectal Cancer.** D. S. Swords^{1,2}, D. E. Skarda^{1,2}, H. Kim², W. T. Sause³, G. J. Stoddard⁴, C. L. Scaife¹ ¹University of Utah, Surgery, Salt Lake City, UT, USA ²Intermountain Healthcare, Surgical Services, Salt Lake City, UT, USA ³Intermountain Healthcare, Oncology Services, Salt Lake City, UT, USA ⁴University of Utah, Division of Epidemiology, Salt Lake City, UT, USA
- 7.02. Role of Process and Surgical Judgment in Incidence of Surgical Site Infection following Colectomy.** A. C. Antonacci¹, D. Armellino¹, K. Cifu-Tursellino¹, M. Schilling¹, S. Dechario¹, J. Nicastro¹, M. Jarrett¹ ¹North Shore University and Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA
- 7.03. Emergency Presentations for Colorectal Cancer 2008-2014: In-hospital Mortality and Discharge Status.** Y. A. Zerhouni^{1,3}, N. Melnitchouk¹, E. B. Schneider² ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Ohio State University, Columbus, OH, USA ³UCSF- East Bay, Surgery, Oakland, CA, USA
- 7.04. Black and Uninsured Patients Have Delayed and Decreased Rates of Stoma Reversal After Hartmann's.** C. R. Reed¹, M. C. Turner¹, M. Talbott¹, Z. Sun¹, K. Sherman¹, C. R. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Durham, NC, USA
- 7.05. Statin Use Does Not Decrease Disease Severity or Mortality among Patients with C. difficile Infection.** A. S. Kulaylat¹, J. S. Kim¹, C. S. Hollenbeak¹, D. B. Stewart¹ ¹Penn State University College of Medicine, Surgery, Hershey, PA, USA
- 7.06. the Effect of State Rurality on Colorectal Cancer Screening and Death Rate.** E. Benzer¹, S. Tolefree¹, C. DeRoche², Z. Wu¹, J. Mitchem¹ ¹University of Missouri, Department of Surgery, Columbia, MO, USA ²University of Missouri, Medical Research Office, Columbia, MO, USA
- 7.07. Primary Tumor Sidedness Differentially Affects Overall Survival for Stage I-IV Colon Adenocarcinoma.** J. Watson¹, M. Turner¹, Z. Sun¹, D. Becerra¹, J. Migaly¹, C. Mantyh¹, D. Blazer¹ ¹Duke University Hospital, Department of General Surgery, Durham, NC, USA
- 7.08. Coping Strategies Among Colorectal Cancer Patients Undergoing Surgery: A Qualitative Study.** J. S. Abelson¹, A. Chait², M. J. Shen³, M. Charlson⁴, A. Dickerman², H. L. Yeo^{1,5} ²Weill Cornell Medical College, Psychiatry, New York, NY, USA ³Weill Cornell Medical College, Psychology, New York, NY, USA ⁴Weill Cornell Medical College, Integrative Medicine, New York, NY, USA ⁵Weill Cornell Medical College, Healthcare Policy and Research, New York, NY, USA ¹Weill Cornell Medical College, Surgery, New York, NY, USA
- 7.09. Readmission Risk Factors for Colorectal Patients Under Enhanced Recovery After Surgery Pathways.** J. D. Owen¹, L. E. Goss¹, G. D. Kennedy¹, J. A. Cannon¹, M. S. Morris¹, J. S. Richman¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA
- 7.10. Patterns of Opioid Prescribing and Patient Use for Outpatient Anorectal Operations.** A. Swarup¹, K. A. Mathis¹, M. V. Hill¹, S. J. Ivatury¹ ¹Dartmouth Medical School, General Surgery, Lebanon, NH, USA
- 7.11. Disparity of Colon Cancer Outcomes in Rural America: Making the Case to Travel the Extra Mile.** V. Raman¹, M. A. Adam¹, M. Turner¹, H. Moore¹, C. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Department of Surgery, Durham, NC, USA
- 7.12. Risk Factors Associated with Readmission after Ileal Pouch-Anal Anastomosis: An ACS-NSQIP Analysis.** N. P. McKenna^{1,4}, E. B. Habermann^{3,4}, A. E. Glasgow⁴, K. L. Mathis², A. L. Lightner² ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Mayo Clinic, Division of Colon and Rectal Surgery, Rochester, MN, USA ³Mayo Clinic, Department of Health Science Research, Rochester, MN, USA ⁴Mayo Clinic, Robert D. and Patricia E. Kern Center for the Science of Health Care Delivery, Rochester, MN, USA
- 7.13. Pre-operative Predictors of Prolonged Length-of-Stay with Enhanced Recovery After Surgery (ERAS).** T. S. Wahl¹, J. D. Owen¹, L. E. Goss¹, J. S. Richman¹, M. S. Morris¹, G. D. Kennedy¹, J. A. Cannon¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA
- 7.14. Perineural Invasion is a Significant Prognostic Factor in Non-Metastatic Colon Cancer.** L. G. Leijssen^{1,2}, A. M. Dinaux^{1,2}, H. Kunitake^{1,2}, L. G. Bordeianou^{1,2}, D. L. Berger^{1,2} ¹Massachusetts General Hospital, General and Gastrointestinal Surgery, Boston, MA, USA ²Harvard School of Medicine, Brookline, MA, USA
- 7.15. Trends and Outcomes for Minimally Invasive Surgery for Inflammatory Bowel Disease.** C. H. Davis¹, T. Gaglani², H. R. Bailey^{1,2}, M. V. Cusick^{1,2} ¹Methodist DeBakey Heart and Vascular Center, Department of Surgery, Houston, TX, USA ²University of Texas Health Science Center at Houston, Department of Surgery, Houston, TX, USA
- 7.16. Medicaid Patients Less Likely to Receive Emergent Procedures for Colorectal Cancer.** Y. A. Zerhouni^{1,3}, E. B. Schneider², N. Melnitchouk¹ ¹Brigham and Women's Hospital, C, Boston, MA, USA ²Ohio State University, Columbus, OH, USA ³UCSF- East Bay, Surgery, Oakland, CA, USA
- 7.17. Frequency and Timing of Complications Following Abdominoperineal Resection: A NSQIP Analysis.** L. A. Sceats¹, J. E. Tooley³, D. D. Bohl², B. Read¹, A. Trickey⁴, C. Kin¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²Rush University Medical Center, Orthopedic Surgery, Chicago, IL, USA ³Stanford University, Internal Medicine, Palo Alto, CA, USA ⁴Stanford University, S-SPIRE Center, Stanford, CA, USA
- 7.18. ERAS Protocol Validation in a Propensity Matched Cohort of Patients Undergoing Colorectal Surgery.** P. Vinsard³, A. C. Spaulding², J. M. Naessens², Z. Li⁵, A. Merchea¹, J. E. Crook⁵, D. W. Larson⁴, R. G. Landmann¹, D. T. Colibaseanu^{1,2} ¹Mayo Clinic, Department of General Surgery, Jacksonville, FL, USA ²Mayo Clinic, Center for the Science of Health Care Delivery, Rochester, MN, USA ³University of Connecticut, Department of Surgery, Farmington, CT, USA ⁴Mayo Clinic, Division of Colorectal Surgery, Rochester, MN, USA ⁵Mayo Clinic, Department of Health Sciences Research, Jacksonville, FL, USA
- 7.19. Finding the Surgical "Sweet Spot" in Colorectal Cancer: Timing Affects Survival.** R. J. Kucejko¹, T. Holleran¹, D. E. Stein¹, J. L. Poggio¹ ¹Drexel University College of Medicine, Surgery, Philadelphia, PA, USA
- 7.20. Decision Tree Analysis to Identify Key Factors Predicting ICU Admission After Colorectal Surgery.** D. E. Wang¹, Y. Fang², S. E. Sherman², E. Newman¹, G. Ballantyne¹, H. Pachter¹, M. Melis¹ ¹New York University School of Medicine, Department of Surgery, New York, NY, USA ²New York University School of Medicine, Department of Population Health, New York, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

8. CLINICAL/OUTCOMES: COST EFFECTIVENESS QUICKSHOT SESSION

CITY TERRACE 11

MODERATORS: Daniel E. Abbott, MD & Steven L. Lee, MD

8.01. Value Analysis of the Costliest Elective Invasive Procedures at an Academic Medical Center. A. Reisman¹, K. Farrell¹, I. Leitman¹ ¹Mount Sinai School of Medicine, New York, NY, USA

8.02. Cost of Operating Room Time: An Analysis of California Hospital Financial Statements. C. P. Childers¹, M. Maggard-Gibbons¹ ¹University of California - Los Angeles, Los Angeles, CA, USA

8.03. The Role of Repeat Imaging in Hepatic Trauma for Identification of Post-Injury Pseudoaneurysm. T. Bongiovanni¹, C. A. Wybourn¹, B. Del Buono¹, A. Mendoza¹, R. Callcut¹ ¹University of California San Francisco, Surgery, San Francisco, CALIFORNIA, USA

8.04. Overutilization of Helicopter EMS in the Central Gulf Coast Region. M. V. Purvis¹, A. R. Beckett¹, J. R. Beasley², H. E. Reed², A. Haiflich¹, Y. Lee¹, L. Ding¹, S. E. Bowden³, E. A. Panacek³, S. B. Brevard¹, J. D. Simmons¹ ¹University of South Alabama, Department of Surgery, Division of Acute Care Surgery and Burns, Mobile, AL, USA ²University of South Alabama, School of Medicine, Mobile, AL, USA ³University of South Alabama, Department of Emergency Medicine, Mobile, AL, USA

8.05. Frailty As Measured By the Trauma Specific Frailty Index Predicts Hospital Costs in Trauma Patients. F. S. Jehan¹, M. Hamidi¹, N. Kulvatunyou¹, A. Tang¹, A. Jain¹, L. Gries¹, T. O'Keeffe¹, E. Zakaria¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

8.06. Prehabilitation Prior to Living Donor Kidney Transplant May Have Beneficial Financial Implications. M. J. Holmes¹, M. J. McCarroll¹, R. J. Berkowitz¹, J. S. Lee¹, L. E. Junge¹, B. C. Kenney¹, S. C. Wang¹, R. S. Sung¹, M. J. Englesbe¹, K. J. Woodside¹ ¹University of Michigan, Ann Arbor, MI, USA

8.07. Time is Money-Quantifying Savings in Outpatient Appendectomy. E. T. Bernard¹, D. L. Davenport¹, B. Benton¹, A. C. Bernard¹ ¹University of Kentucky, General Surgery, Lexington, KY, USA

8.08. Are Work Relative Value Units Driving Surgeon Behavior? E. C. Poli¹, F. S. Dahdaleh¹, S. Sherman¹, K. K. Turaga¹ ¹University of Chicago, Department of Surgery, Chicago, IL, USA

8.09. Cost-effectiveness of DAAs among HCV+ Kidney Transplant Candidates: Treat pre- or post-transplant? M. N. Mustian¹, B. A. Shelton¹, R. M. Hungerpillar¹, D. L. Sawinski², R. D. Reed¹, P. A. MacLennan¹, J. E. Locke¹ ¹University of Alabama at Birmingham, Birmingham, AL, USA ²University of Pennsylvania, Philadelphia, PA, USA

8.10. Variation in supply cost for appendectomy and cholecystectomy across a healthsystem.. M. E. Mallah¹, M. Barringer², M. E. Thomason¹, E. Ross³, B. Matthews¹, C. E. Reinke¹ ³Carolinas Healthcare System, Cost Analytics, Charlotte, NC, USA ¹Carolinas Medical Center, Department of Surgery, Charlotte, NC, USA ²Carolinas Medical Center-Cleveland, Shelby, NC, USA

8.11. Surgical Cost Correlation within Hospitals. S. P. Shubeck^{1,2,3}, U. Nuliyalu³, J. B. Dimick^{1,3}, H. Nathan^{1,3} ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA ³University of Michigan, Center for Healthcare Outcomes & Policy, Ann Arbor, MI, USA

8.12. Use of a Standardized Checklist is a Cost Saving Measure at a New Trauma Center. A. V. Jambhekar¹, T. Liu¹, R. Lee¹, B. Fahoum¹, M. Zenilman¹, J. Rucinski¹ ¹New York Presbyterian Brooklyn Methodist Hospital, Surgery, Brooklyn, NY, USA

8.13. Cost Burden and Mortality in Rural EGS Transfer Patients. D. Keeven¹, C. Harris¹, D. Davenport¹, A. Bernard¹ ¹University of Kentucky, Lexington, KY, USA

8.14. Admission of pediatric concussion injury patients: is it necessary? E. Lindholm¹, R. D'Cruz², R. Fajardo², T. Meckmon-gkol¹, S. Ciullo¹, H. Grewal¹, R. Prasad¹, L. G. Arthur¹ ¹St. Christopher's Hospital for Children, Division of Pediatric General, Thoracic & Minimally Invasive Surgery, Philadelphia, PA, USA ²Temple University, Department of General Surgery, Philadelphia, PA, USA ³Albert Einstein College of Medicine, Department of General Surgery, Philadelphia, PA, USA

8.15. Immediate & Delayed Complication Rates in Unilateral vs Bilateral Mastectomy: a retrospective review. S. R. DeBiase¹, W. Sun², C. Laronga², D. Boulware³, J. K. Lee³, M. Lee² ¹University of South Florida College of Medicine, Tampa, FL, USA ²Moffitt Cancer Center and Research Institute, Moffitt Breast Program, Tampa, FL, USA ³Moffitt Cancer Center and Research Institute, Moffitt Biostatistics, Tampa, FL, USA

8.16. Children After Motor Vehicle Crashes: Failure of Child Restraint Increases Hospital Cost. A. D. Melucci¹, B. Lang¹, V. Dombrovskiy¹, J. Pierre¹, Y. Lee¹ ¹Rutgers Robert Wood Johnson, New Brunswick, NJ, USA

8.17. Isolated Rib Fractures in the Elderly; a Disproportionate Burden on the Trauma Service? A. X. Samayoa¹, Y. Shan¹, W. Alswealmeen¹, O. Kirton¹, T. Vu¹ ¹Abington Jefferson Health, Surgery, Abington, PA, USA

8.18. Value of Wound Care to Prevent Surgical Site Infections in Contaminated Traumatic Abdominal Wounds. A. Acker¹, J. Leonard¹, M. J. Seamon¹, D. N. Holena¹, J. Pascual¹, B. Smith¹, P. M. Reilly¹, N. D. Martin¹ ¹University of Pennsylvania, Surgery, Philadelphia, PA, USA

8.19. Gastric Cancer: Epidemiological Features and Analyzes of Cases Treates between 2010 ans 2014. P. Abreu-Reis¹, A. Bettega¹, R. Goolkate¹, M. Kato¹, F. Tomasich¹ ¹Hospital Erasto Gaertner - Federal University of Parana, Department of Surgery, Curitiba, PR, Brazil

8.20. Surgical Site Infection Rates Increase in Transfer Patients for Orthopedic Injuries in a Rural State. N. R. Bruce¹, W. C. Beck¹, J. R. Taylor¹, M. K. Kimbrough¹, J. Jensen¹, M. J. Sutherland¹, R. D. Robertson¹, K. W. Sexton¹ ¹University of Arkansas for Medical Sciences, Department of Surgery, Little Rock, AR, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I**9. CLINICAL/OUTCOMES: GENERAL SURGERY QUICKSHOT SESSION 1**

CITY TERRACE 12

MODERATORS: Jayleen Grams, MD, PhD & Howard C. Jen, MD, MSHS

- 9.01. ALERT: Your patient refused VTE prophylaxis. Resident role in ensuring VTE chemoprophylaxis.** M. Shyu^{1,2}, L. Kreutzer², K. Y. Bilimoria^{2,3}, A. D. Yang^{2,3}, J. K. Johnson^{2,3} ¹Feinberg School of Medicine - Northwestern University, Chicago, IL, USA ²Feinberg School of Medicine - Northwestern University, Surgical Outcomes and Quality Improvement Center (SOQIC), Department of Surgery, Chicago, IL, USA ³Feinberg School of Medicine - Northwestern University, Center for Healthcare Studies in the Institute for Public Health and Medicine, Chicago, IL, USA
- 9.02. Unnecessary Laboratory Utilization in the Postoperative Setting.** K. S. Cools¹, K. B. Stitzenberg¹ ¹University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA
- 9.03. Let the Right One In: High Admission Rate for Low Acuity Pediatric Burns.** G. M. Garwood¹, K. T. Anderson^{1,2}, M. Bartz-Kurycki^{1,2}, R. Martin¹, D. Supak¹, S. Wythe¹, R. Gutierrez¹, A. L. Kawaguchi^{1,2}, M. T. Austin^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹McGovern Medical School, the University of Texas Health Sciences Center at Houston, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA
- 9.04. Meet Your Surgical Team: the Impact of a Facesheet on Patient Satisfaction.** S. R. DiBrito¹, R. Craig-Schapiro¹, H. Overton¹, J. Taylor¹, M. Bowring¹, E. Haut¹, B. C. Sacks¹ ¹Johns Hopkins University School of Medicine, Baltimore, MD, USA
- 9.05. Converting from Laparoscopic to Open Appendectomy Causes Higher Rates of Surgical Site Infection (SSI).** T. Adediji^{1,2}, L. Rivera^{1,2}, A. Karmaker^{1,2}, M. Wallack^{1,2}, J. Mariadason^{1,2} ¹Metropolitan Hospital Center, Surgery, New York, NY, USA ²New York Medical College, Surgery, Valhalla, NY, USA
- 9.06. When Non-Operative Management for Acute Diverticulitis Fails: Using ACS-NSQIP for Outcomes Analysis.** V. L. Luks¹, J. Merola¹, H. Dong², F. Li², K. Y. Pei¹ ¹Yale School of Medicine, Department of Surgery, New Haven, CT, USA ²Yale School of Medicine, Department of Biostatistics, New Haven, CT, USA
- 9.07. Challenging Discharge Planning over the Weekend Leads to Excessive Length of Stay.** C. M. Rajasingh¹, L. A. Graham³, J. Richman^{2,3}, M. W. Mell¹, M. S. Morris^{2,3}, M. T. Hawn¹ ¹Stanford University, Department of Surgery, Stanford, CA, USA ²University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA ³Birmingham VA Medical Center, Birmingham, AL, USA
- 9.08. Lack of Correlation Between Patient Satisfaction Scores and Surgeon Morbidity and Mortality Rates.** T. M. Khan¹, J. J. Aalberg¹, A. Ofshteyn¹, S. Subramaniam¹, C. M. Divino¹ ¹Icahn School of Medicine at Mount Sinai, Division of General Surgery, Department of Surgery, New York, NY, USA
- 9.09. Mesh Repair Not Standard During Inguinal Hernia Surgery in Northern Ghana.** M. G. Katz¹, E. Yenli², D. Bandoh², F. Gyamfi³, A. Jalali⁵, R. E. Nelson⁴, R. R. Price¹, S. Tabiri² ¹University of Utah, Department of Surgery, Salt Lake City, UT, USA ²University for Development Studies, Department of Surgery, Tamale, NORTHERN REGION, Ghana ³Holy Family Hospital, Department of Surgery, Berekum, BRONG AHAFO, Ghana ⁴VA Salt Lake City Healthcare System/University of Utah, Division of Epidemiology, Salt Lake City, UT, USA ⁵University of Utah, Department of Economics, Health Economics, Salt Lake City, UT, USA
- 9.10. NSQIP is Better at Identifying General Surgery Patients at High Risk for Readmission than LACE.** A. M. Khokar¹, V. M. Plant¹, J. H. DeAntonio¹, W. B. Rothstein¹, B. C. Ruch¹, J. D. Bennett¹, L. G. Wolfe¹, B. Kaplan¹, S. Jayaraman¹ ¹Virginia Commonwealth University, General Surgery, Richmond, VA, USA
- 9.11. the Art and Science of Surgery: Do the Data Support the Banning of Surgical Skull Caps?** A. J. Rios-Diaz¹, G. Chevrolier¹, H. Witmer², C. Schleider¹, M. Pucci¹, S. Cowan¹, F. Palazzo¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA ²Thomas Jefferson University, Sidney Kimmel Medical College, Philadelphia, PA, USA
- 9.12. Variation in Opioid Prescribing Among Surgical Residents, Faculty, and Physician Assistants.** R. Howard¹, J. Lee¹, J. Vu¹, J. Waljee¹, C. Brummett¹, M. Englesbe¹ ¹University of Michigan, Ann Arbor, MI, USA
- 9.13. Travel and Clinic Time for Postoperative Visits after Laparoscopic Appendectomy or Cholecystectomy.** K. Harkey¹, N. Kaiser¹, K. Mayr², C. E. Reinke¹ ²Carolinas Healthcare System, Informatoin & Analytics Services, Charlotte, NC, USA ¹Carolinas Medical Center, Department of Surgery, Charlotte, NC, USA
- 9.14. Operating Room Staff and Surgeon Documentation Curriculum Improves Wound Classification Accuracy.** K. E. Epler¹, S. Schrader¹, J. Gorvetzian¹, J. Romero¹, R. Schrader³, A. Greenbaum², R. McKee² ¹University of New Mexico, School of Medicine, Albuquerque, NEW MEXICO, USA ²University of New Mexico, Department of Surgery, Albuquerque, NEW MEXICO, USA ³RMS Biostatistics Services, Albuquerque, NEW MEXICO, USA
- 9.15. Patient Reported Outcomes as Basis for Optimization of Pain Medication after Emergency Surgery.** P. Moolchandani¹, D. Kumar¹, S. McGriff¹, E. Alore¹, M. A. Davis¹, J. Ward¹, S. Gordy¹, J. W. Suliburk¹, M. Hoffman¹ ¹Baylor College of Medicine, Houston, TX, USA
- 9.16. Nationwide Comparison of Laparoscopic Versus Open Treatment of Adhesive Small Bowel Obstruction.** J. L. Buicko¹, J. Parreco¹, M. A. Lopez¹, R. Rattan¹, M. A. Lopez-Viego¹, R. A. Kozol¹ ¹University of Miami, Palm Beach General Surgery Residency, Atlantis, FL, USA
- 9.17. Schizophrenia is Associated With Increased Length of Stay After Open Ventral Hernia Repair.** E. M. Lo², S. S. Awad¹, C. Chai¹, K. I. Makris¹, L. W. Chiu¹, N. Becker¹, L. Gillory¹, D. S. Lee¹ ¹Baylor College of Medicine, Department of Surgery, Houston, TX, USA ²Baylor College of Medicine, School of Medicine, Houston, TX, USA
- 9.18. Population Level Outcomes of Early vs. Delayed Appendectomy for Acute Appendicitis Using ACS-NSQIP.** E. A. Alore¹, J. L. Ward¹, S. R. Todd¹, C. T. Wilson¹, S. D. Gordy¹, M. K. Hoffman¹, J. W. Suliburk¹ ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA
- 9.19. Physician Beliefs about the Patient-Provider Relationship Influence Caring and Burnout.** K. Leibowitz², A. Crum², C. Mueller¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²Stanford University, Psychology, Palo Alto, CA, USA
- 9.20. "FASTPASS" Gallbladder Diseases and Appendicitis from Emergency Department Help Improve Patient Care.** N. Kulvatunyou¹, B. Joseph¹, S. Adikhar¹, R. S. Friese¹, L. Gries¹, T. O'Keefe¹, A. L. Tang¹, A. Jain¹, G. Vercruysse¹, N. Kulvatunyou¹ ¹Banner-University of Arizona, Trauma, Critical Care, Emergency General Surgery, Tucson, AZ, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

10. CLINICAL/OUTCOMES: GLOBAL SURGERY QUICKSHOT SESSION

RIVER TERRACE 1

MODERATORS: Obonoruma (Obos) I. Ekhaese, DO & David H. Rothstein, MD, MS

10.01. Estimating the Global Need for Cancer Surgery. A. H. Siddiqui¹, A. A. Javed³, S. Zafar² ¹Aga Khan University Medical College, Medical College, Karachi, Sindh, Pakistan ²University of Maryland, Department of Surgery, Baltimore, MD, USA ³Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

10.02. Does Insurance Protect Individuals from Catastrophic Payments for Surgical Care in Ghana? J. S. Okoroh^{1,4}, S. Essoun³, R. Riviello², H. Harris¹, J. S. Weissman² ¹University of California - San Francisco, Department of Surgery, San Francisco, CA, USA ²Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ³University of Ghana, Korle-Bu Teaching Hospital/ Department of Surgery, Accra, GREATER ACCRA, Ghana ⁴Fogarty International Center, UcGloCal Consortium, Bethesda, MD, USA

10.03. Local Impact of General Surgery Task-Sharing in Rural Sierra Leone: A District Hospital Experience. P. F. Johnston¹, S. Jalloh², A. Samura³, J. A. Bailey¹, M. Brittany⁴, Z. C. Sifri¹ ¹Rutgers New Jersey Medical School, Surgery, Newark, NJ, USA ²College of Medicine and Allied Health Sciences, Freetown, WESTERN, Sierra Leone ³Kabala Government Hospital, Kabala, KOINADUGU, Sierra Leone ⁴University of Maryland - Mercy Medical Center, Baltimore, MD, USA

10.04. Pre-Op Bowel Prep With Oral Antibiotic Reduces Morbidity After Emergent Colectomy for Diverticulitis. M. Hamidi¹, M. Zeeshan¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Jain¹, A. Tang¹, E. Zakaria¹, L. Gries¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

10.05. Establishing a context-appropriate trauma registry for Uganda using the local providers' perspective. J. A. Igu¹, C. Haasbroek¹, O. C. Nwanna-Nzewunwa¹, I. Feldhaus¹, M. Carvalho¹, M. M. Ajiko², F. Kirya², J. Epodo², R. Dicker¹, C. Juillard¹ ²Soroti Regional Referral Hospital, Department of Surgery, Soroti, Uganda ¹University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA

10.06. Policy Implications of Road Traffic Injury in Cameroon; Results from a Population-Based Study. S. A. Christie¹, D. C. Dickson¹, T. Nana¹, P. M. Stern¹, A. Mbiarikai¹, R. A. Dicker², A. Chichom-Mefire³, C. Juillard¹ ¹University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA ²University of California - Los Angeles, Los Angeles, CA, USA ³University of Buea, Department of Surgery and Obstetrics-Gynecology, Faculty of Health Sciences, Buea, SOUTHWEST REGION, Cameroon

10.07. the Global Availability of Cancer Registry Data. A. H. Siddiqui², S. Zafar¹ ¹University of Maryland, Department of Surgery, Baltimore, MD, USA ²Aga Khan University Medical College, Medical College, Karachi, Sindh, Pakistan

10.08. Prevalence and Predictors of Surgical Site Infections After Cesarean Delivery in Rural Rwanda. T. Nkurunziza¹, F. Kateera¹, R. Riviello^{2,3}, K. Sonderman^{2,3}, A. Matousek², E. Nahimana¹, G. Ntakiyiruta⁴, E. Nihwacu¹, B. Ramadhan¹, M. Gruendl³, E. Gaju⁵, C. Habiakare⁵, B. L. Hedt-Gauthier³ ¹Partners In Health, Clinical/ Research, Kigali, CITY of KIGALI, Rwanda ²Brigham and Women's Hospital, Boston, MA, USA ³Harvard School of Medicine, 2. Department of Global Health and Social Medicine, Brookline, MA, USA ⁴Ejo Heza Surgical Center, Kigali, CITY of KIGALI, Rwanda ⁵Ministry of Health, Kigali, CITY of KIGALI, Rwanda

10.09. A Novel Survey-Based Metric for Assessing Injury Severity in Population Studies. S. A. Christie¹, D. C. Dickson¹, T. Nana¹, P. M. Stern¹, R. A. Dicker², A. Chichom-Mefire³, C. Juillard¹ ¹University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA ²University of California - Los Angeles, Los Angeles, CA, USA ³University of Buea, Department of Surgery and Obstetrics-Gynecology, Faculty of Health Sciences, Buea, SOUTHWEST REGION, Cameroon

10.10. Development and Validation of a Composite Surgery Availability Score in Malawi. A. E. Giles^{1,2}, A. G. Ramirez^{1,3}, M. G. Shrimel^{4,5} ¹Harvard School of Public Health, Boston, MA, USA ²McMaster University, Surgery, Hamilton, ONTARIO, Canada ³University of Virginia, Surgery, Charlottesville, VA, USA ⁴Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA ⁵Massachusetts Eye and Ear Infirmary, Otolaryngology, Boston, MA, USA

10.11. Global Experience With Implementation of A Minimum Universal Operative Case Log. L. M. Baumann^{1,2}, O. Yerokun¹⁰, P. Jani⁵, N. Wetzig⁶, L. Samad⁹, K. Park⁷, K. Nguyen⁸, M. Mehes⁴, B. Allen⁴, F. Abdullah^{1,2}, A. Latif³ ⁴G4 Alliance, New York, NY, USA ⁵The College of Surgeons of East, Central and Southern Africa, Arusha, ARUSHA, Tanzania ⁶HEAL Africa, Gisenyi, WESTERN PROVINCE, Rwanda ⁷World Federation of Neurosurgical Societies, Phnom Penh, PHNOM PENH, Cambodia ⁸Mending Kids, Burbank, CA, USA ⁹Indus Hospital, Pediatric Surgery, Karachi, SINDH, Pakistan ¹⁰Johns Hopkins Bloomberg School of Public Health, General Preventative Medicine, Baltimore, MD, USA ¹Northwestern University, Department of Surgery, Chicago, IL, USA ²Ann & Robert H. Lurie Children's Hospital, Division of Pediatric Surgery, Chicago, IL, USA ³Johns Hopkins University School of Medicine, Anesthesiology and Critical Care Medicine, Baltimore, MD, USA

10.12. the Impact of Increasing Surgical Capacity at a Tertiary Hospital in Southern Haiti. L. E. Ward¹, M. M. Padovany¹, A. N. Bowder^{1,2}, T. Jean-Baptiste¹, R. Patterson^{1,3}, C. M. Dodgion² ¹Saint Boniface Hospital, General Surgery, Fond Des Blancs, Haiti ²Medical College of Wisconsin, General Surgery, Milwaukee, WI, USA ³Tufts University School of Medicine, Boston, MA, USA

10.13. A Golden Hour? Assessing Time to Hospital Presentation for Trauma Patients in Santa Cruz, Bolivia. M. A. Boeck¹, S. South², E. Foianini³, L. Jauregui⁴, O. Morales Guiterrez², G. Toledo⁵, J. Camacho Mansilla⁶, P. Mercado⁷, A. Haider⁸, M. Swaroop² ¹New York Presbyterian Hospital-Columbia, Department of Surgery, New York, NY, USA ²Feinberg School of Medicine - Northwestern University, Division of Trauma/Critical Care, Chicago, IL, USA ³Clinical Foianini, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia ⁴Hospital De Niños Mario Ortiz Suarez, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia ⁵Hospital San Juan De Dios, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia ⁶Hospital Japonese, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia ⁷Hospital Municipal Plan 3000, Santa Cruz De La Sierra, SANTA CRUZ, Bolivia ⁸Center for Surgery and Public Health, Brigham and Women's Hospital, Boston, MA, USA

10.14. Outcomes in Pediatric Patients with Congenital Colorectal Diseases in Sub-Saharan Africa. L. N. Purcell¹, J. Gallaher¹, B. Cairns¹, A. Charles¹ ¹University of North Carolina at Chapel Hill, General Surgery, Chapel Hill, NC, USA

10.15. Development of a Universal Minimum Data Set for Perioperative Care in the Global Setting. O. Yerokun³, L. M. Baumann^{1,2}, P. Jani⁵, P. Frykman¹², I. Ibanga⁹, K. Asuman⁸, S. Krishnaswami¹⁰, K. Nguyen¹⁸, E. O'Flynn¹⁶, B. Onajin-Obembe¹³, M. Ratel¹⁵, S. Bruce⁶, E. Stieber⁷, M. Swaroop², N. Wetzig¹⁷, J. Wood¹¹, A. Zeidan¹⁴, M. Mehes¹⁹, B. Allen¹⁹, F. Abdullah^{1,2}, A. Latif⁴ ¹Ann & Robert H. Lurie Children's Hospital, Division of Pediatric Surgery, Chicago, IL, USA ²Northwestern University, Department of Surgery, Chicago, IL, USA ³Johns Hopkins Bloomberg School of Public Health, General Preventative Medicine, Baltimore, MD, USA ⁴Johns Hopkins University School of Medicine, Anesthesiology and Critical Care Medicine, Baltimore, MD, USA ⁵The College of Surgeons of East, Central and Southern Africa, Arusha, ARUSHA, Tanzania ⁶Pan African Academy of Christian Surgeons, Linden, NC, USA ⁷Smile Train, New York, NY, USA ⁸African Agency for Integrated Development, Kampala, KAMPALA, Uganda ⁹Pro-Health International, Edwardsville, IL, USA ¹⁰Oregon Health and Science University, Pediatric Surgery, Portland, OR, USA ¹¹IVUMed, Salt Lake City, UT, USA ¹²Global Pediatric Surgical Technology and Education

Project, Irvine, CA, USA ¹³Nigerian Society of Anesthetists, Lagos, LAGOS, Nigeria ¹⁴2nd Chance Association Reconstructive Surgery for Life Reconstruction, Meyrin, GENEVA, Switzerland ¹⁵Korle-Bu Neuroscience Foundation, Langley, BC, Canada ¹⁶Royal College of Surgeons of Ireland, Dublin, LEINSTER, Ireland ¹⁷HEAL Africa, Gisenyi, RUBAVU, Rwanda ¹⁸Mending Kids, Burbank, CA, USA ¹⁹G4 Alliance, New York, NY, USA

10.16. the Uptake of Technology and Social Media (SM) Among West African Surgeons. E. O. Abara¹, J. O. Olatosi², N. Abara³, H. Y. Angate⁴ ¹Northern Ontario School of Medicine, Clinical Sciences, Sudbury, ONTARIO, Canada ²University of Lagos, College of Medicine, Lagos, LAGOS, Nigeria ³University of Texas Medical Branch, Department of Family Medicine, Galveston, TX, USA ⁴University of Abidjan, College of Medicine, Abidjan, ABIDJAN, Cote d'Ivoire

10.17. Surgery Availability in Malawi: A Geospatial Analysis of Existing and Potential Population Coverage. A. G. Ramirez^{1,2}, A. E. Giles^{2,3}, M. G. Shrimel^{4,5} ¹University of Virginia, Charlottesville, VA, USA ²Harvard School of Public Health, Boston, MA, USA ³McMaster University, Hamilton, ONTARIO, Canada ⁴Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA ⁵Massachusetts Eye and Ear Infirmary, Otolaryngology, Boston, MA, USA

10.18. Quantitative Evaluation of Surgical, Obstetric, and Anesthetic Capacity in Ethiopia. K. Iverson^{1,2}, I. Citron², O. Ahearn², K. Garringer², S. Mukhopadhyay^{2,7}, D. Burssa⁵, A. Teshome⁵, A. Bekele⁵, S. Workneh⁵, M. Shrimel^{2,4}, J. Meara^{2,3} ¹University of California - Davis, Sacramento, CA, USA ²Harvard School of Medicine, Program In Global Surgery and Social Change, Boston, MA, USA ³Children's Hospital Boston, Plastic Surgery, Boston, MA, USA ⁴Massachusetts Eye & Ear Infirmary, Boston, MA, USA ⁵Federal Ministry of Health, Addis Ababa, AA, Ethiopia ⁷University of Connecticut, Storrs, CT, USA

10.19. Using mHealth Technology to Assist CHWs in Identifying Surgical Site Infections in Rural Rwanda. M. Gruendl^{1,2}, F. Kateera¹, K. Sonderman^{2,3}, T. Nkurunziza¹, A. Matousek³, E. Nahimana¹, G. Ntakyiruta⁴, E. Gaju⁵, C. Habiyakare⁵, E. Nihwacu¹, B. Ramadhan¹, R. Riviello^{2,3}, B. Hedt-Gauthier² ¹Partners In Health, Clinical/ Research, Kigali, CITY of KIGALI, Rwanda ²Harvard School of Medicine, Department of Global Health and Social Medicine, Brookline, MA, USA ³Brigham and Women's Hospital, Boston, MA, USA ⁴Ejo Heza Surgical Center, Kigali, CITY of KIGALI, Rwanda ⁵Ministry of Health, Kigali, CITY of KIGALI, Rwanda

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

11. CLINICAL/OUTCOMES: ONCOLOGY QUICKSHOT SESSION

RIVER TERRACE 2

MODERATORS: Andrew G Hill, MBChB, MD & Matthew R. Porembka, MD

11.01. Outcomes after CRS-HIPEC by Facility: Do Higher Volumes Matter? K. N. Partain¹, E. Gabriel¹, K. Attwood², C. Powers³, M. Kim³, S. P. Bagaria¹, S. N. Hochwald³ ¹Mayo Clinic - Florida, Department of Surgery, Section of Surgical Oncology, Jacksonville, FL, USA ²Roswell Park Cancer Institute, Department of Biostatistics, Buffalo, NY, USA ³Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA

11.02. History of Blistering Sunburn and Molecular Profile in Melanoma. I. Soliman¹, N. Goel¹, K. Loo¹, M. Renzetti¹, T. Li¹, H. Wu¹, B. Luo¹, A. Olszanski¹, S. Movva¹, M. Lango¹, S. Reddy¹, J. Farma¹ ¹Fox Chase Cancer Center, Philadelphia, PA, USA

11.03. A Phase II Trial of Cyto reduction and HIPEC for Advanced Adrenocortical Carcinoma. W. Lo¹, T. Beresnev¹, M. Merino³, M. Mulquin¹, Y. Shutack¹, D. Zlott¹, J. Hernandez¹, J. Davis¹, M. Hughes² ¹National Cancer Institute, Thoracic and GI Oncology Branch, Bethesda, MD, USA ²Eastern Virginia Medical School, Surgical Oncology, Norfolk, VA, USA ³National Cancer Institute, Pathology, Bethesda, MD, USA

11.04. Soft Tissue Sarcomas in the Elderly: Are we Overtreating or Undertreating this Patient Population? A. Gingrich¹, S. Bateni¹, R. Bold¹, A. Kirane¹, A. Monjazebe³, M. Darrow⁴, S. Thorpe², R. Canter¹ ¹University of California - Davis, Surgery, Sacramento, CA, USA ²University of California - Davis, Orthopedics, Sacramento, CA, USA ³University of California - Davis, Radiation Oncology, Sacramento, CA, USA ⁴University of California - Davis, Pathology, Sacramento, CA, USA

11.05. High Mitotic Rate Predicts Sentinel Lymph Node Involvement in Thin Melanomas. K. E. Engelhardt^{1,2}, O. Kutlu³, W. Lancaster¹, K. Staveley-O'Carroll⁴, E. Kimchi⁴, A. M. Abbott¹, E. R. Camp¹ ¹Medical University of South Carolina, Charleston, SC, USA ²Northwestern University, Chicago, IL, USA ³University of Miami, Miami, FL, USA ⁴University of Missouri, Columbia, MO, USA

11.06. Timing of Radiation Improves Margin Status but Not Limb-Salvage Rates in Deep Extremity Sarcoma. R. D. Shelby¹, L. Suarez-Kelly¹, P. Y. Yu¹, T. M. Hughes¹, C. G. Ethun², T. B. Tran³, G. Poultsides³, D. M. King⁷, M. Bedi⁷, T. C. Gamblin⁷, J. Tseng⁴, K. K. Roggin⁴, K. Chouliaras⁵, K. Votanopoulos⁵, B. A. Krasnick⁶,

R. C. Fields⁶, R. E. Pollock¹, J. H. Howard¹, K. Cardona², V. P. Grignol¹ ¹Ohio State University, Columbus, OH, USA ²Emory University School of Medicine, Atlanta, GA, USA ³Stanford University, Palo Alto, CA, USA ⁴University of Chicago, Chicago, IL, USA ⁵Wake Forest University School of Medicine, Winston-Salem, NC, USA ⁶Washington University, St. Louis, MO, USA ⁷Medical College of Wisconsin, Milwaukee, WI, USA

11.07. Mesoappendix Based Vascularized Lymph Node Transfer for the Surgical Treatment of Lymphedema. D. Ruter¹, W. Chen⁴, R. Garza⁵, D. Eiferman³, R. Skoracki² ¹The Ohio State University College of Medicine, Columbus, OH, USA ²The Ohio State University College of Medicine, Department of Plastic Surgery, Columbus, OH, USA ³The Ohio State University College of Medicine, Department of General Surgery, Columbus, OH, USA ⁴The Ohio State University College of Medicine, Department of Pathology, Columbus, OH, USA ⁵PRMA Plastic Surgery, San Antonio, TX, USA

11.08. Neutrophil To Lymphocyte Ratio Predicts Outcomes After Chemoembolization for Neuroendocrine Tumors. S. M. McDermott¹, N. Saunders³, E. M. Schneider², D. Strosberg², J. Onesti⁴, G. Davidson², M. Bloomston⁵, M. Dillhoff², C. R. Schmidt², L. A. Shirley² ¹Ohio State University, College of Medicine, Columbus, OH, USA ²Ohio State University, Department of Surgery, Columbus, OH, USA ³Emory University School of Medicine, Department of Surgery, Atlanta, GA, USA ⁴Mercy Health, Department of Surgery, Grand Rapids, MI, USA ⁵21st Century Oncology, Ft Myers, FL, USA

11.09. Patient Characteristics and Outcomes among BRAF-mutated Colorectal Cancers: A Retrospective Review. J. Purchla¹, W. H. Ward¹, F. Lamberton¹, N. Nweze¹, T. Li², N. Goel¹, S. Reddy¹, E. Sigurdson¹, J. M. Farma¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA ²Fox Chase Cancer Center, Philadelphia, PA, USA

11.10. Postoperative Morbidity and Mortality of Neoadjuvant Therapy after Pancreaticoduodenectomy. K. S. Cools², H. J. Kim², J. J. Yeh², H. K. Sanoff³, K. B. Stitzenberg² ¹University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Department of Medicine, Chapel Hill, NC, USA

TUESDAY

WEDNESDAY

THURSDAY

11.11. A 15-year Experience of Anal Carcinoma in a Veteran Population Comparing HIV vs Non-HIV Patients. E. Vo¹, B. A. Kimbrough¹, S. S. Awad^{1,2}, N. S. Becker^{1,2}, L. W. Chiu^{1,2}, L. Gillory^{1,2}, D. S. Lee^{1,2}, K. Makris^{1,2}, G. Chen^{1,2}, N. N. Massarweh^{1,2,3}, H. S. Tran Cao^{1,2}, C. Y. Chai^{1,2} ¹Baylor College of Medicine, Houston, TX, USA ²Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA ³VA HSR&D Center for Innovations In Quality, Effectiveness and Safety, Michael E. DeBakey VA Medical Center, Houston, TEXAS, USA

11.12. Fecal Diversion Is Rarely Necessary In Cytoreduction and Hyperthermic Intraperitoneal Chemotherapy. L. M. Cohen¹, J. Baumgartner¹, J. Veerapong¹, A. Lowy¹, K. J. Kelly¹ ¹University of California - San Diego, Surgical Oncology, San Diego, CA, USA

11.13. How Well Does the Surgical Apgar Score Predict Risk of Serious Complications After Cancer Surgery?. S. M. Manstein¹, N. Goel¹, W. H. Ward¹, L. Demora¹, E. A. Ross¹, S. S. Reddy¹, M. C. Smaldone¹, J. M. Farma¹, C. S. Chu¹, A. Kutikov¹, D. Y. Chen¹, M. N. Lango¹, R. Viterbo¹, J. A. Ridge¹, A. Karachristos¹, R. G. Uzzo¹, N. F. Esnaola¹ ¹Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

11.14. RAS Mutation Confers Prognostic Significance in Patients Undergoing CRS-HIPEC for Colorectal Cancer. Z. Morgan¹, A. Kreplene¹, M. Hembrook¹, S. Tsai¹, K. K. Christians¹, H. Mogal¹, T. C. Gamblin¹, C. N. Clarke¹ ¹Medical College of Wisconsin, Division of Surgical Oncology, Milwaukee, WI, USA

11.15. Impact of Marital Status on Presentation and Management of Early Stage Melanoma. C. E. Sharon¹, A. J. Sinnamon¹, M. E. Ming², E. Y. Chu², R. R. Kelz¹, R. E. Roses¹, D. L. Fraker¹, G. C. Karakousis¹ ²Hospital of the University of Pennsylvania, Dermatology, Philadelphia, PA, USA ¹Hospital of the University of Pennsylvania, Endocrine and Oncologic Surgery, Philadelphia, PA, USA

11.16. Perioperative Chemoradiation Does Not Influence Incisional Hernia Formation After Cancer Resection. S. Kavalukas¹, R. Baucom², L. Huang¹, S. Phillips¹, C. Bailey¹, R. Pierce¹, M. Holzman¹, K. Sharp¹, B. Poulouse¹ ¹Vanderbilt University Medical Center, Department of Surgery, Nashville, TN, USA ²Baylor University Medical Center, Dallas, TX, USA

11.17. the Emerging Role of Surgery in Melanoma Patients Treated with Immune Checkpoint Inhibitors (ICI). C. Puza¹, P. Mosca¹, A. K. Salama², H. Howard³, D. Agnese³, A. Terando³, D. G. Blazer¹, R. Scheri¹, G. Beasley¹ ¹Duke University, Department of Surgery, Durham, NC, USA ²Duke University, Division of Medical Oncology, Durham, NC, USA ³Ohio State University, Division of Surgical Oncology, Columbus, OH, USA

11.18. Pancreatic Neuroendocrine Tumor (PNET) Imaging Features are Predictive of Biology. A. Fang¹, E. Tashakori¹, C. Farinas¹, M. Mederos¹, A. McElhany¹, S. Mohammed¹, N. Villifane¹, W. E. Fisher¹, G. Van Buren¹ ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, the Elkins Pancreas Center, Houston, TX, USA

11.19. Smoking and Next Generation Sequencing Mutation Signature in Melanoma. K. Loo¹, I. Soliman¹, M. Renzetti¹, T. Li¹, H. Wu¹, B. Luo¹, A. Olszanski¹, S. Movva¹, M. Lango¹, N. Goel¹, S. Reddy¹, J. Farma¹ ¹Fox Chase Cancer Center, Philadelphia, PA, USA

11.20. Postoperative Opioid Consumption in Cancer Patients after Curative-Intent Surgery. J. A. Balch¹, J. S. Lee^{1,2}, V. Parashar^{1,2}, J. B. Miller³, S. M. Bremner^{1,2}, J. V. Vu^{1,2}, L. A. Dossett^{1,2} ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Center for Health Outcomes and Policy, Ann Arbor, MI, USA ³University of Michigan, Center for Bioethics & Social Sciences In Medicine, Ann Arbor, MI, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

12. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 1

RIVER TERRACE 3

MODERATORS: Troy A. Markel, BA, MD & Regan F. Williams, MD

12.01. Maintaining Oncologic Integrity with Minimally Invasive Resection of Pediatric Embryonal Tumors. H. M. Phelps¹, G. D. Ayers², J. M. Ndolo³, H. L. Dietrich⁴, K. D. Watson⁵, M. A. Hilmes³, H. N. Lovvorn⁶ ¹Vanderbilt University Medical Center, School of Medicine, Nashville, TN, USA ²Vanderbilt University Medical Center, Division of Cancer Biostatistics, Nashville, TN, USA ³Vanderbilt University Medical Center, Pediatric Radiology, Nashville, TN, USA ⁴Vanderbilt University Medical Center, School of Nursing, Nashville, TN, USA ⁵Vanderbilt University Medical Center, Pediatric Hematology/Oncology, Nashville, TN, USA ⁶Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA

12.02. Does Muscle Biopsy change the treatment of Pediatric muscular disease?. N. Le¹, J. Sujka¹, J. Sobrino¹, L. A. Benedict¹, R. Rentea¹, H. Alemayehu¹, T. Oyetunji¹, S. St. Peter¹ ¹Children's Mercy Hospital-University of Missouri Kansas City, Kansas City, MO, USA

12.03. Earlier Feeding after Congenital Diaphragmatic Hernia Repair Associated with Shorter Hospitalization. S. M. Deeney¹, D. D. Bensard¹, T. M. Crombleholme¹ ¹Children's Hospital Colorado, Department of Pediatric Surgery, Aurora, CO, USA

12.04. Nonoperative Anesthesia Time for Common Surgical Procedures in Young Children. K. Williams¹, B. Nwomeh², T. A. Oyetunji³ ¹Howard University College of Medicine, General Surgery, Washington, DC, USA ²Nationwide Children's Hospital, Columbus, OH, USA ³Children's Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA

12.05. Engaging Families Through Shared Knowledge: RCT of Open Access to a Rapid Learning Healthcare System. D. O. Gonzalez¹, Y. Sebastiao¹, J. N. Cooper¹, M. Levitt¹, R. J. Wood¹, K. J. Deans¹ ¹Nationwide Children's Hospital, Columbus, OH, USA

12.06. Post-operative Complications in Children with Down Syndrome Correlate with Other Comorbidities. M. A. Bartz-Kurycki^{1,2}, K. T. Anderson^{1,2}, M. T. Austin^{1,2}, L. S. Kao¹, K. Tsao^{1,2}, K. P. Lally^{1,2}, A. L. Kawaguchi^{1,2} ¹McGovern Medical School, University Of Texas Health Sciences Center At Houston, Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA

12.07. Predictive value of Ultrasonography in Diagnosis of Appendicitis in Children. J. A. McKean¹, S. Ayub¹, D. Rajderkar¹, M. M. Mustafa¹, J. A. Taylor¹, S. D. Larson¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

12.08. Rigorous Failure Criteria Results in High Yield Post-Operative Imaging for Pediatric Appendicitis. K.T. Anderson^{1,2}, M.A. Bartz-Kurycki^{1,2}, K. Tsao^{1,2} ¹McGovern Medical School, the University of Texas Health Sciences Center at Houston, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA

12.09. Atresia and Gastroschisis: Results from a Multicenter Study. S. Raymond¹, S. D. St. Peter¹, C. Downard¹, F. Qureshi¹, E. Renaud¹, P. D. Danielson¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

12.10. ECMO Duration Predicts Survival in Congenital Diaphragmatic Hernia. S. M. Deeney¹, D. D. Bensard¹, T. M. Crombleholme¹ ¹Children's Hospital Colorado, Department of Pediatric Surgery, Aurora, CO, USA

12.11. Using Surgeon-Reported Categorization of Pediatric Appendicitis Severity to Predict Patient Outcomes. K. J. Baxter¹, H. L. Short¹, C. D. Travers², K. F. Heiss¹, M. V. Raval¹ ¹Emory University School of Medicine, Children's Healthcare of Atlanta, Division of Pediatric Surgery, Department of General Surgery, Atlanta, GA, USA ²Emory University School of Medicine, Department of Pediatrics, Atlanta, GA, USA

12.12. Single-Visit Surgery Offers Added Convenience and Excellent Family Satisfaction. C. A. Justus¹, A. Milewicz¹, M. Wortley¹, F. Denner¹, R. Bogle¹, K. Ceyanes¹, S. Shah¹ ¹Texas Children's Hospital, Pediatric General Surgery, Houston, TEXAS, USA

- 12.13. Echocardiographic Guidance During Neonatal and Pediatric ECMO Cannulation is Not Necessary in All Patients.** P. A. Salazar¹, D. Blitzer², S. C. Dolejs¹, J. J. Parent³, B. W. Gray¹ ¹Indiana University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Division of Cardiothoracic Surgery, Department of Surgery, Indianapolis, IN, USA ³Indiana University School of Medicine, Section of Pediatric Cardiology, Department of Pediatrics, Indianapolis, IN, USA
- 12.14. Predicting Outcomes in Necrotizing Enterocolitis: What is the Role of Surgery?** C. Chabuz¹, S. D. Larson¹, J. A. Taylor¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA
- 12.15. Perinatal Management of Congenital Diaphragmatic Hernia: Variability in Clinical Practice Guidelines.** T. Jancelewicz¹, M. E. Brindle², P. A. Lally³, K. P. Lally³, M. T. Harting³ ¹University of Tennessee Health Science Center, Department of Pediatric Surgery, Memphis, TN, USA ²University of Calgary, Department of Surgery, Calgary, AB, Canada ³University of Texas McGovern Medical School, Department of Pediatric Surgery, Houston, TX, USA

- 12.16. Utility of Liver Biopsy in the Evaluation of TPN Cholestasis.** C. Buonpane^{1,2}, G. Ares¹, G. Englert³, I. Helenowski³, F. Hebal¹, C. Hunter^{1,3} ¹Ann & Robert H. Lurie Children's Hospital of Chicago, Pediatric Surgery, Chicago, IL, USA ²Geisinger Medical Center, General Surgery, Danville, PA, USA ³Northwestern University, Chicago, IL, USA
- 12.17. A Pediatric Surgical Team Improves Surgeon Volume and Exposure to Index Pediatric Surgery Cases.** W. G. Lee¹, D. P. Puapong^{1,2}, R. K. Woo^{1,2}, S. M. Johnson^{1,2} ¹University of Hawaii, John A. Burns School of Medicine, Honolulu, HI, USA ²Kapi'olani Medical Center for Children, Honolulu, HI, USA
- 12.18. Same Day Discharge vs Observation for Uncomplicated Laparoscopic Appendectomy: A Prospective Cohort.** K. Gee¹, S. Ngo¹, A. Beres¹ ¹University of Texas Southwestern Medical Center, Department of Surgery, Division of Pediatric Surgery, Dallas, TX, USA
- 12.19. Outcomes of Intercostal Nerve Cryoablation with the Nuss Procedure compared to a Thoracic Epidural.** C. Harbaugh¹, K. N. Johnson¹, M. D. Jarboe¹, R. B. Hirschl¹, J. D. Geiger¹, S. K. Gadepalli¹ ¹University of Michigan, C.S. Mott Children's Hospital, Section of Pediatric Surgery, Ann Arbor, MI, USA
- 12.20. Hemorrhage After On-ECMO Repair of CDH is Equivalent for Muscle Flap and Prosthetic Patch.** H. Nolan¹, E. Aydin¹, J. Frischer¹, J. L. Peiro¹, B. Rymeski¹, F. Lim¹ ¹Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

13. CLINICAL/OUTCOMES: PEDIATRIC QUALITY AND TRAUMA QUICKSHOT SESSION

CONFERENCE CENTER A

MODERATOR: Nicholas A. Hamilton, MD

- 13.01. Underutilization of the Organ Injury Scaling System in a Pediatric Trauma Center.** K. B. Savoie¹, N. Jain², R. F. Williams¹ ¹University of Tennessee Health Science Center, Department of Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, College of Medicine, Memphis, TN, USA
- 13.02. the Management of Blunt Traumatic Retroperitoneal Hematomas in Children..** P. Dasari¹, G. P. Wools², L. S. Burkhalter², F. G. Qureshi^{1,2} ¹University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA ²Children's Medical Center, Pediatric Surgery, Dallas, TX, USA
- 13.03. The Role of LFTs in the Evaluation of Blunt Trauma in Pediatric Trauma Patients: Are They Necessary?** S. F. Small¹, B. A. Borg¹, P. Kato¹, A. Hussein¹, L. Donoghue¹, C. Shanti¹ ¹Children's Hospital Of Michigan, Pediatric Surgery, Detroit, MI, USA
- 13.04. Pediatric Trauma Outcomes in the Obese..** R. Duran¹, R. Barry¹, M. Modarresi¹, E. Thimpson¹, J. Sanabria¹ ¹Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA
- 13.05. Blunt Renal Injury in Children: Do National Trends in Management Follow Recent Literature?** R. Sola¹, T. A. Oyetunji¹, K. D. Graziano², S. D. St. Peter¹ ¹Children's Mercy Hospital-University of Missouri Kansas City, Surgery, Kansas City, MO, USA ²University of Arizona, College of Medicine/ Department of Surgery, Phoenix, AZ, USA
- 13.06. Hurry Up and Wait: Pre-Incision Time in the OR Associated with Pre-Induction Checklist Adherence.** S. N. Wythe¹, K. T. Anderson^{1,2}, M. A. Bartz-Kurycki^{1,2}, D. N. Supak¹, R. F. Martin¹, G. M. Garwood¹, R. Gutierrez¹, A. L. Kawaguchi^{1,2}, M. T. Austin^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹McGovern Medical School, University of Texas Health Sciences Center at Houston, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA
- 13.07. the Effect of Hospital Volume on Patient Outcomes for Pyloric Stenosis.** C. Tom¹, C. Niino², A. D. Lee², E. Saab², S. Friedlander³, S. L. Lee^{1,2,3} ¹Harbor-University of California Los Angeles Medical Center, Department of Surgery, Torrance, CA, USA ²University of California Los Angeles, Department of Surgery, Los Angeles, CA, USA ³Los Angeles Biomedical Research Institute, Torrance, CA, USA
- 13.08. Put a Ring on it: Better Pediatric Pre-Induction Checklist Adherence Observed with Parent Engagement.** D. N. Supak^{1,2}, M. A. Bartz-Kurycki^{1,2}, K. T. Anderson^{1,2}, S. N. Wythe^{1,2}, G. M. Garwood^{1,2}, R. F. Martin^{1,2}, R. Gutierrez^{1,2}, A. L. Kawaguchi^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹McGovern Medical School, University Of Texas Health Sciences Center At Houston, Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA
- 13.09. Surgical safety checklists in children's surgery: Surgeon's attitudes and a review of the literature.** J. Roybal³, K. Tsao^{1,9}, S. Rangel^{4,7}, M. Ottosen², D. Skarda^{6,8}, L. Berman⁵ ¹UTHealth Medical School, Pediatric Surgery, Houston, TX, USA ²UT Houston-Memorial Hermann, Center for Healthcare Quality and Safety, Houston, TX, USA ³Ochsner Hospital for Children, Pediatric Surgery, New Orleans, LA, USA ⁴Boston Children's Hospital, Pediatric Surgery, Boston, MA, USA ⁵Nemours/Alfred I. DuPont Hospital for Children, Pediatric Surgery, Wilmington, DE, USA ⁶Primary Children's Hospital, Pediatric Surgery, Salt Lake City, UT, USA ⁷Harvard Medical School, Pediatric Surgery, Boston, MA, USA ⁸University of Utah, Pediatric Surgery, Salt Lake City, UT, USA ⁹Children's Memorial Hermann, Pediatric Surgery, Houston, TX, USA
- 13.10. Approaches and Safety Profile of Surgical Treatment of Velopharyngeal Insufficiency Using NSQIP.** A. D. Chen¹, B. N. Tran¹, Q. Z. Ruan¹, B. T. Lee¹, O. Ganor² ¹Beth Israel Deaconess Medical Center, Plastic and Reconstructive Surgery, Boston, MA, USA ²Boston's Children Hospital, Plastic and Reconstructive Surgery, Boston, MA, USA
- 13.11. Typhoid Intestinal Perforation: Burden & Outcomes of a Neglected Pediatric Surgical Disease in Uganda.** M. Cheung¹, J. M. Healy¹, N. Kakembo², A. Muzira², P. Kisa², J. Sekabira², D. Ozgediz¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA ²Mulago Hospital, Makerere University, Surgery, Kampala, Uganda
- 13.12. Trends in Pediatric Electronic Burns.** J. A. Cook¹, S. E. Sator¹, S. P. Duquette¹, M. P. Landman², S. S. Tholpady^{1,3}, M. W. Chu^{1,3} ¹Indiana University School of Medicine, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA ³R.L. Roudebush VA Medical Center, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA

TUESDAY

WEDNESDAY

THURSDAY

- 13.13. Examination of Postoperative Length of Stay Following Common Procedures in ACS-NSQIP Pediatric.** D. Papandria¹, Y. V. Sebastião¹, K. J. Deans¹, K. A. Diefenbach¹, P. C. Minneci¹ ¹Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA
- 13.14. Prevalence and Perceptions of Team Training Programs for Pediatric Surgeons and Anesthesiologists.** A. Esce¹, D. A. Rodeberg^{2,4}, M. Browne^{4,5}, D. H. Rothstein^{3,4}, D. Wakeman^{1,4} ⁵Lehigh Valley Health Network, Division of Pediatric Surgical Specialties/ Department of Surgery, Allentown, PA, USA ⁴American Academy of Pediatrics Section On Surgery, Delivery of Surgery Committee, Elk Grove Village, IL, USA ¹University of Rochester School of Medicine, Rochester, NY, USA ²East Carolina University Brody School of Medicine, Greenville, NC, USA ³Women & Children's Hospital of Buffalo, Pediatric Surgery, Buffalo, NY, USA
- 13.15. Pediatric Surgical Risk Assessment Tools: A Systematic Review.** D. Ji¹, S. L. Goudy², M. V. Raval³, N. P. Raol² ¹Mercer University School of Medicine, Savannah, GA, USA ²Emory University School of Medicine, Children's Healthcare of Atlanta, Division of Pediatric Otolaryngology, Department of Otolaryngology - Head and Neck Surgery, Atlanta, GA, USA ³Emory University School of Medicine, Children's Healthcare of Atlanta, Division of Pediatric Surgery, Department of Surgery, Atlanta, GA, USA
- 13.16. Stop the Radiation: Limiting Chest CT scans in the Pediatric Trauma Patient.** S. Azari², T. Hoover¹, M. Browne^{1,2} ¹Lehigh Valley Health Network, Pediatric Surgical Specialties, Allentown, PA, USA ²University of South Florida College of Medicine, Tampa, FL, USA

- 13.17. Pediatric Snakebites: comparing patients in two geographic locations in the United States.** P. N. Chotai¹, J. R. Watlington², S. Lewis³, T. Pyo³, A. A. Abdelgawad⁴, E. Y. Huang⁵ ¹Vanderbilt University Medical Center, Department of Surgery, Nashville, TN, USA ²University of Tennessee Health Science Center, College of Medicine, Memphis, TN, USA ³Texas Tech University Health Science Center, School of Medicine, El Paso, TX, USA ⁴Texas Tech University Health Science Center, Department of Orthopedic Surgery, El Paso, TX, USA ⁵University of Tennessee Health Science Center, Division of Pediatric Surgery, Department of Surgery, Memphis, TN, USA
- 13.18. A Ten Year Review of Firework-Related Injuries Treated at a Regional Pediatric Burn Center.** P. H. Chang^{2,4}, D. Toplauffe¹, S. Wang¹, S. Romo¹, K. Hannigan¹, R. Sheridan^{1,3} ¹Shriners Hospitals for Children-Boston, Boston, MA, USA ²Shriners Hospitals for Children-Cincinnati, Cincinnati, OH, USA ³Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ⁴University of Cincinnati, Division of Plastics/Burn Surgery, Cincinnati, OH, USA
- 13.19. Computed Tomography Findings Predict the Need for Intervention in Children with Blunt Liver injuries.** J. E. McMillan^{1,3}, T. F. Boulden², A. Gosain¹, J. W. Eubanks¹, R. F. Williams¹ ¹University of Tennessee Health Science Center, Surgery and Pediatrics, Memphis, TN, USA ²University of Tennessee Health Science Center, Pediatric Radiology, Memphis, TN, USA ³University of Tennessee Health Science Center, College of Medicine, Memphis, TN, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

14. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 1

CLEARWATER

MODERATORS: Dawn M. Elfenbein, MD, MPH & Kazuhide Matsushima, MD

- 14.01. Location, Location, Location! Falling Short on Stepping Up to Reach Seniors for Fall Prevention?** S. Fantal¹, K. Ladowski³, J. Vosswinkel³, R. Jawa³ ¹Stony Brook University, Program In Public Health, Stony Brook, NY, USA ²Stony Brook University Medical Center, Division of Trauma, New York, NY, USA
- 14.02. Racial Disparities in Emergency General Surgery Go Beyond Hospital-Level and Geographic Factors.** C. E. Sharoky¹, M. M. Sellers¹, J. H. Fieber¹, C. J. Wirtalla¹, G. E. Tasian², R. R. Kelz¹ ¹University of Pennsylvania, Department of Surgery, Center for Surgery and Health Economics, Philadelphia, PA, USA ²Perelman School of Medicine, Center for Clinical Epidemiology and Biostatistics, Philadelphia, PA, USA
- 14.03. A Model for Spatio-Temporal Injury Surveillance.** J. O. Jansen¹, J. J. Morrison², T. Cornulier³ ¹University of Alabama at Birmingham, Division of Acute Care Surgery, Birmingham, AL, USA ²University of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA ³University of Aberdeen, School of Biological Sciences, Aberdeen, SCOTLAND, United Kingdom
- 14.04. Racial Disparities in Post-Discharge Healthcare Utilization after Trauma.** S. Chun Fat¹, J. P. Herrera-Escobar¹, S. S. Al Rafai¹, Z. Hashmi¹, M. Villanyi², J. Nabi¹, C. Velmahos³, K. Brasel⁴, G. Kasotakis², A. Salim¹, A. H. Haider¹, D. Nehra¹ ¹Brigham and Women's Hospital, Boston, MA, USA ²Boston University, Boston, MA, USA ³Massachusetts General Hospital, Boston, MA, USA ⁴Oregon Health and Science University, Portland, OR, USA
- 14.05. the Only Color that Matters is Green.** K. L. Haines¹, T. Zens¹, C. Warner-Hillard¹, H. Jung¹, S. Agarwal¹ ¹University of Wisconsin, Surgery, Madison, WI, USA
- 14.06. Factors Associated with Secondary Over-triage in Trauma Patients.** P. P. Parikh¹, P. Parikh², J. A. Pestana², J. V. Sakran³ ¹Wright State University, Department of Surgery, Boonshoft School of Medicine, Dayton, OH, USA ²Wright State University, Department of Biomedical, Industrial and Human Factors Engineering, Dayton, OH, USA ³Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA
- 14.07. Impact of Race and Socioeconomic Status on Treatment and Outcomes of Blunt Splenic Injuries.** L. M. Woldanski¹, K. Haines¹, T. Zens¹, S. Agarwal¹ ¹University of Wisconsin School of Medicine and Public Health, Department of Surgery, Madison, WI, USA
- 14.08. Risk Factors for Trauma Readmissions: Everything Matters.** S. O. Dennis¹, J. K. Canner², D. T. Efron², E. R. Haut², J. V. Sakran², K. A. Stevens², C. Jones² ¹East Carolina University Brody School of Medicine, Greenville, NC, USA ²Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA
- 14.09. Comparison of Penetrating Colon Trauma Outcomes between African American and Caucasian Men.** S. J. Skube¹, B. Lindgren¹, Y. J. Fan¹, S. Jarosek¹, G. B. Melton¹, M. D. McGonigal^{1,2}, M. R. Kwaan¹ ¹University of Minnesota, Minneapolis, MN, USA ²Regions Hospital, St. Paul, MN, USA
- 14.10. A 5-Year Analysis of a Hospital-Based Violence Recovery Program.** E. A. Bryant¹, M. Castillo-Angeles¹, D. Nehra¹, M. Chadwick¹, R. Ramsis¹, L. A. Benedict², R. Askari¹, A. Salim¹ ¹Brigham and Women's Hospital, Division of Trauma, Burn, and Surgical Critical Care, Department of Surgery, Boston, MA, USA ²Children's Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA
- 14.11. Do Racial Disparities Play a Role in Failure to Rescue in Emergency General Surgery?** M. Castillo-Angeles¹, D. Metcalfe², S. L. Nitzschke¹, A. H. Haider¹, A. Salim¹, J. M. Havens¹ ¹Brigham and Women's Hospital, Surgery, Boston, MA, USA ²University of Oxford John Radcliffe Hospital, Department of Orthopaedics, Rheumatology and Musculoskeletal Sciences, Oxford, OXFORD, United Kingdom
- 14.12. Insurance Status and Race Affect Treatment and Outcome of Severity Stratified Traumatic Brain Injury.** B. P. Nguyen¹, K. Haines¹, T. Zens¹, C. Warner-Hillard¹, S. K. Agarwal¹ ¹University of Wisconsin School of Medicine and Public Health, Department of Surgery, Division of Trauma and Acute Care Surgery, Madison, WI, USA
- 14.13. The Effect of Race and Insurance Status on Bicycle Trauma Outcomes in Adults.** H. Chen², K. Haines¹, T. Zens¹, B. Brummeyer², S. Agarwal¹, J. E. Scarborough¹ ¹University of Wisconsin School of Medicine and Public Health, Department of Surgery, Division of Trauma and Acute Care Surgery, Madison, WI, USA ²University of Wisconsin, School of Medicine and Public Health, Madison, WI, USA
- 14.14. the Impact of Socioeconomics in Firearm Related Injury.** K. L. Haines¹, C. Warner-Hillard¹, S. Agarwal¹, H. Jung¹ ¹University of Wisconsin, Surgery, Madison, WI, USA

14.15. Risk factors and economic implications of opioid poisoning in trauma. W. C. Kethman¹, L. Sceats¹, L. Tennakoon¹, K. L. Staudenmayer¹ ¹Stanford University, Division of Trauma and Critical Care, Palo Alto, CA, USA

14.17. Disaster Response In the Operative Suite. R. Frazee¹, H. Papaconstantinou¹, R. Frazee¹ ¹Scott & White Healthcare, Surgery, Temple, Texas, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

15. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 2

ST. JOHNS

MODERATORS: George Kasotakis, MD & Jayme E. Locke, MD, MPH

15.01. Rigid Sigmoidoscopy is Diagnostically Superior to CT for Penetrating Rectal Injury. M. J. Chaudhary¹, R. Smith², G. Victorino¹ ¹UCSF-East Bay, Surgery, Oakland, CA, USA ²Emory University, Surgery, Atlanta, GA, USA

15.02. Obese Patients Have a Higher Need for Dialysis After Trauma. A. Grigorian¹, N. T. Nguyen¹, B. Smith¹, B. J. Williams¹, S. Schubl¹, V. Joe¹, D. Elfenbein¹, J. Nahmias¹ ¹University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA

15.03. Supratherapeutic INR in the Elderly Trauma Patient: Is It Lethal? D. Sharma¹, L. Sadri¹, A. Rogers¹, G. Filosa¹, Q. Yan¹, R. Shadis¹, R. Josloff¹, T. Vu¹ ¹Abington Memorial Hospital, Abington, PA, USA

15.04. the Positive Impact of Methadone Treatment on Trauma Patient Outcomes. S. M. Miller¹, S. N. Lueckel¹, D. S. Hefferenan¹, A. H. Stephen¹, M. D. Connolly¹, T. Kheirbek¹, W. G. Cioffi¹, C. A. Adams¹, S. F. Monaghan¹ ¹Brown University School of Medicine, Surgery, Providence, RI, USA

15.07. National Trends in Use and Outcomes of Nonoperative Management versus Splenectomy at Trauma Hospitals. T. Bongiovanni¹, A. Stey¹, A. Conroy¹, C. Wybourn¹, R. A. Callcut¹ ¹University of California - San Francisco, Zuckerberg San Francisco General Hospital, Department of Surgery, General and Trauma Surgery, San Francisco, CA, USA

15.08. Outcomes After TBI in Patients on P2Y12 Inhibitors: Is There a Need for Platelet Transfusion? F. S. Jehan¹, M. Zeeshan¹, A. Jain¹, T. O'Keeffe¹, N. Kulvatunyou¹, A. Tang¹, L. Gries¹, E. Zakaria¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

15.09. Blunt Cerebrovascular Injury: Does Early Therapy Alter Injury Grade? A. Kaple², I. Catanescu¹, M. C. Spalding¹ ¹Grant Medical Center, Trauma, Columbus, OH, USA ²Ohio University, Heritage College of Osteopathic Medicine, Dublin, OH, USA

15.10. End of Life Decision Making for Geriatric Trauma Intensive Care Patients. M. Wooster⁴, A. Stassi⁵, J. Kurtz³, J. Hill², M. Bonta⁶, M. C. Spalding² ²Grant Medical Center, Trauma and Acute Care Surgery, Columbus, OH, USA ³Doctor's Hospital, General Surgery, Columbus, OH, USA ⁴Indiana University School of Medicine, Trauma and Acute Care Surgery, Indianapolis, IN, USA ⁵University of South Carolina, Palmetto Health-Richland, Trauma and Acute Care Surgery, Columbia, SC, USA ⁶Riverside Methodist Hospital, Trauma and Acute Care Surgery, Columbus, OH, USA

15.11. Obesity is Associated with Increased Lower Extremity Injuries in Frontal Motor Vehicle Collisions. K. He¹, N. Wang², P. Zhang^{1,2}, S. Holcombe^{1,2}, S. Wang^{1,2} ²International Center for Automotive Medicine, Ann Arbor, MI, USA ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA

15.12. Penetrating Cardiac Trauma: A Ten-Year Experience at a Regional Trauma Center. J. A. Enriquez³, R. M. Clark¹, B. B. Coffman², S. W. Lu¹, S. D. West¹, M. Wang¹, T. R. Howdieshell¹ ¹University of New Mexico HSC, Department of Surgery, Albuquerque, NM, USA ²University of New Mexico HSC, Department of Pathology, Albuquerque, NM, USA ³University of New Mexico HSC, School of Medicine, Albuquerque, NM, USA

15.13. Persistent Lactic Acidemia at 12 Hours: Greater Mortality and Length of Stay in Pediatric Trauma. O. M. Kassari¹, J. S. Young¹ ¹University of Virginia, Division of Acute Care & Trauma Surgery, Charlottesville, VA, USA

15.14. Intravenous+Inhaled Colistin Vs. Intravenous Monotherapy for Multi-Resistant Gram-Negative Pneumonia. W. Terzian³, S. P. Stawicki³, L. E. Bratis², M. Turki², N. D. Civic¹, C. V. Murphy⁴ ¹St. Luke's University Health Network, Department of Pharmacy, Bethlehem, PA, USA ²St. Luke's University Health Network, Center for Critical Care, Bethlehem, PA, USA ³St. Luke's University Health Network, Department of Surgery, Bethlehem, PA, USA ⁴Ohio State University, Department of Pharmacy, Columbus, OH, USA

15.15. Outcomes of Trauma in Patients with Mental Illness: A Survey of the National Trauma Data Bank. R. E. Plevin¹, A. Conroy¹, C. Juillard¹, M. M. Knudson¹, R. A. Callcut¹ ¹San Francisco General Hospital and the University of California, San Francisco, Department of Surgery, San Francisco, CALIFORNIA, USA

15.16. PECARN Head Clinical Prediction Rules Show Potential of Decreasing Head CT at a Single Institution. I. Abd El-shafy^{1,2}, N. L. Denning¹, M. L. Reppucci¹, J. T. Avarello¹, M. Mittler¹, N. A. Christopherson¹, J. M. Prince¹ ¹North Shore University and Long Island Jewish Medical Center, Pediatric Surgery, Manhasset, NY, USA ²Maimonides Medical Center, Surgery, Brooklyn, NY, USA

15.17. Outcomes After Massive Transfusion In Trauma Patients: Variability Among Trauma Centers. M. Hamidi¹, M. Zeeshan¹, A. Tang¹, E. Zakaria¹, L. Gries¹, T. O'Keeffe¹, N. Kulvatunyou¹, A. Jain¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

15.18. Less Than Stringent Glycemic Control Is Associated with Worse Outcomes in Trauma Patients. M. Rajaei¹, P. Bosarge¹, R. Griffin², G. McGwin², J. Jansen¹, J. Kerby¹ ¹UAB, Division of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA ²UAB, Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA ³UAB, Division of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA ⁴UAB, Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA

15.19. Needs Assessment of Bleeding Control Training In Law Enforcement. J. Bailey¹, M. Iwanicki¹, D. H. Livingston¹, A. Fox¹ ¹New Jersey Medical School, Newark, NJ, USA

15.20. The Utility of Shock Index In Trauma To Predict the Need for Massive Blood Transfusion Protocol. R. Latifi¹, E. Tilley¹, D. Samson¹, A. A. El-Menyar¹ ¹Westchester Medical Center, Surgery, Valhalla, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

16. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 3

MATHEWS

MODERATORS: John A. Harvin, MD & Joseph V. Sakran, MD, MPH

TUESDAY

WEDNESDAY

THURSDAY

16.01. Trauma Center Transfer of Elderly Patients with Mild

Traumatic Brain Injury Improves Outcomes. A. M. Velez¹, S. G. Frangos², C. J. DiMaggio^{2,3}, C. D. Berry², M. Bukur² ¹New York University School of Medicine, Department of Surgery, New York, NY, USA ²New York University School of Medicine, Department of Surgery, Division of Trauma and Acute Care Surgery, New York, NY, USA ³New York University School of Medicine, Department of Population Health, New York, NY, USA

16.02. Risk of Recurrent Pneumothorax and Does it Really

Matter? A. F. Elegbede¹, B. W. Carr¹, B. L. Zarzaur¹, S. A. Savage¹ ¹Indiana University School of Medicine, Indianapolis, IN, USA

16.03. Aspirin Versus Low-Molecular Weight Heparin for VTE

Prophylaxis After Lower Extremity Trauma. M. Mazzei¹, M. Uohara², S. Pasch², E. Dauer¹, Z. Maher¹, L. L. Mason¹, A. Pathak¹, T. Santora¹, L. O. Sjöholm¹, A. J. Goldberg¹, J. M. Lopez¹ ¹Temple University Hospital, Department of Surgery, Philadelphia, PA, USA ²Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA

16.04. REBOA: How Many Patients Are We Missing? Assessing

the Need in a Large Urban Trauma Center. R. P. Dumas¹, D. N. Holena¹, B. P. Smith¹, M. J. Seamon¹, P. M. Reilly¹, Z. Qasim², J. W. Cannon¹ ¹University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Division of Emergency Medicine, Philadelphia, PA, USA

16.05. Psoas Muscle Area Index May Not Predict Outcomes in

Trauma Patients. A. Santoro¹, E. Otoo¹, A. Salami¹, R. Smith², A. Joshi¹ ¹Albert Einstein Medical Center, Surgery, Philadelphia, PENNSYLVANIA, USA ²Albert Einstein Medical Center, Radiology, Philadelphia, PENNSYLVANIA, USA

16.06. Traumatic Atlanto-Occipital Dissociation: No Longer a

Death Sentence. D. M. Filiberto¹, J. P. Sharpe¹, M. A. Croce¹, T. C. Fabian¹, L. J. Magnotti¹ ¹University of Tennessee Health Science Center, Surgery, Memphis, TN, USA

16.07. Weight-Adjusted Enoxaparin Decreases Venous Thrombo-

embolism? Rates in Trauma Patients. P. Martinez Quinones¹, A. Talukder¹, R. Latremouille², T. Robinson², A. Newsome², C. White¹ ¹Medical College of Georgia, Surgery, Augusta, GA, USA ²Medical College of Georgia, Pharmacy, Augusta, GA, USA ³Medical College of Georgia, Augusta, GA, USA

16.08. Walking Under the Influence: Pedestrians Struck by

Vehicles Are Commonly Intoxicated. M. Srour¹, T. Li¹, N. K. Dhilon¹, K. Patel¹, E. Gillette¹, D. R. Margulies¹, E. J. Ley¹, G. Barmparas¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

16.09. How timing of surgical airway impacts in-hospital mortality

in medical patients in US hospitals. I. Yi¹, G. Ortega², M. F. Nunez³, E. E. Cornwell², M. Williams² ¹Howard University College of Medicine, Washington, DC, USA ²Howard University College of Medicine, Department of Surgery, Washington, DC, USA ³Howard University College of Medicine, Clive O. Callender, MD Howard-Harvard Outcomes Research Center, Washington, DC, USA

16.10. Provider Beliefs and Practice for the Use of Long-Acting

Pain Medication in the Adult Burn Patient. K. Sloan¹, J. Cartwright², J. Liao¹, Y. M. Liu¹, K. S. Romanowski¹ ¹University of Iowa Hospitals and Clinics, Department of Surgery, Iowa City, IA, USA ²University of Michigan, Ann Arbor, MI, USA

16.11. When We Take the Time to Look: Completion Angiography

After Major Vascular Injury Repair. S. A. Moore¹, J. P. Hazelton², Z. Maher², B. L. Frank⁴, J. W. Cannon¹, D. N. Holena¹, N. D. Martin¹, A. Goldenberg-Sandau³, M. J. Seamon¹ ⁴Geisinger Health System, General Surgery, Scranton, PA, USA ¹University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA ²Temple University, Division of Trauma & Surgical Critical Care, Philadelphia, PA, USA ³Cooper University Hospital, Division of Trauma Surgery, Camden, NJ, USA

16.13. Could Retained Bullet Fragments Be a Significant Source

of Blood Lead Levels in Trauma Patients? S. A. Eidelson¹, C. A. Karcutskie¹, A. B. Padiadpu¹, M. B. Mulder¹, S. K. Madiraju¹, G. D. Garcia¹, G. D. Pust¹, N. Namias¹, C. I. Schulman¹, K. G. Proctor¹ ¹University of Miami, Miami, FL, USA

16.14. Thyroid Trauma – Incidence, Mortality, and Concomitant

Injury. D. Spencer¹, A. Grigorian¹, S. Schubl¹, K. Awad¹, D. Elfenbein¹, T. Dogar¹, J. Nahmias¹ ¹University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA

16.15. Using Injury Severity Score to Determine Venous Thrombo-

embolism Risk in Trauma Patients. T. E. Hereford¹, S. Ray¹, R. D. Robertson¹, M. K. Kimbrough¹ ¹University of Arkansas for Medical Sciences, Little Rock, AR, USA

16.16. Diminished Physiologic Reserve Predicts Mortality in the

Underweight Following Hemorrhagic Shock. J. O. Hwabejire¹, B. Adesibikan¹, T. A. Oyetunji², O. Omole¹, C. E. Nembhard¹, M. Williams¹, E. E. Cornwell III¹, W. R. Greene³ ¹Howard University College of Medicine, Surgery, Washington, DC, USA ²Children's Mercy Hospital- University of Missouri Kansas City, Surgery, Kansas City, MO, USA ³Emory University School of Medicine, Atlanta, GA, USA

16.17. Clinical Outcomes In Patients Requiring Dialysis After

Trauma: A National Trauma Database Analysis. A. E. Siletz¹, J. Grotts², C. E. Lewis¹, A. Tillou¹, H. Cryer¹, A. Cheaito¹ ¹University of California - Los Angeles, Department of Surgery, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA ²University of California - Los Angeles, UCLA Department of Medicine Statistics Core, David Geffen School of Medicine at UCLA, Los Angeles, CA, USA

16.18. Current Nutritional Practices and Associated Outcomes

in Critically-Ill Trauma Patients. B. E. Haac¹, R. Van Besien¹, R. Jenkins¹, A. Geyer², J. Diaz¹, D. Stein¹ ¹University of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA ²Air Force Institute of Technology (AFIT/ENC), Wright-Patterson AFB, OHIO, USA

16.19. Outcomes and Hospital Resource Utilization in Older Adult

Patients After Motor Vehicle Crashes. P. P. Patel¹, L. Gryder¹, C. McNicoll¹, C. Katona¹, P. McGrew¹, P. Chestovich¹, J. Fildes¹, D. Kuhls¹ ¹University of Nevada, Trauma & Critical Care, Las Vegas, NEVADA, USA

16.20. the Influence of Pancreatic Division Technique on Pancreatic

Leak Rates Following Traumatic Injury. P. Hu¹, R. Uhlich¹, J. Kerby¹, P. Bosarge¹ ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I**17. CLINICAL/OUTCOMES: UPPER GI/BARIATRIC QUICKSHOT SESSION**

HART

MODERATORS: Luke M. Funk, MD, MPH & Amir A. Ghaferi, MD

- 17.01. Effect of preoperative liquid diet on liver volume and MRI estimated proton density fat fraction.** T. SUZUKI¹, R. B. Luo¹, J. C. Hooker², Y. Covarrubias², T. Wolfson², A. Schlein², S. Liu¹, J. B. Schwimmer³, L. M. Funk⁴, J. A. Greenberg⁵, G. M. Campos⁶, B. J. Sandler¹, S. Horgan¹, S. B. Reeder⁴, C. B. Sirlin², G. R. Jacobsen¹ ¹University of California - San Diego, Division of Minimally Invasive Surgery, Department of Surgery, San Diego, CA, USA ²University of California - San Diego, Liver Imaging Group, Department of Radiology, San Diego, CA, USA ³University of California - San Diego, Division of Gastroenterology, Hepatology, and Nutrition, Department of Pediatrics, San Diego, CA, USA ⁴University of Wisconsin, Departments of Radiology, Medical Physics, Biomedical Engineering, Medicine and Emergency Medicine, Madison, WI, USA ⁵University of Wisconsin, Department of Surgery, Madison, WI, USA ⁶Virginia Commonwealth University, Division of Bariatric and GI Surgery, Richmond, VA, USA
- 17.02. New Onset Alcohol Use Disorder Following Bariatric Surgery.** C. Holliday¹, M. Sessine¹, N. Ibrahim¹, M. Alameddine¹, J. Brennan¹, A. A. Ghaferi¹ ¹University of Michigan, Ann Arbor, MI, USA
- 17.03. Discrepancies Between Physician and Midlevel Provider Attitudes on Bariatric Surgery.** S. M. Wrenn¹, V. Shah¹, P. W. Callas¹, W. Abu-Jaish¹ ¹University of Vermont College of Medicine / Fletcher Allen Health Care, Burlington, VT, USA
- 17.04. National evaluation of adherence to quality measures in esophageal cancer.** A. Adhia¹, J. Feinglass¹, K. Engelhardt¹, M. DeCamp¹, D. Odell¹ ¹Northwestern University, Chicago, IL, USA
- 17.05. Stratification by Age Improves Accuracy of ACS Risk Calculator for Paraesophageal Hernia Repair.** A. D. Jalilvand¹, M. Al-Mansour¹, K. A. Perry¹ ¹Ohio State University, General and Gastrointestinal Surgery, Columbus, OH, USA
- 17.06. Pre-Operative Weight-loss on a Liver Shrink Diet Predicts Early Weight-loss after Bariatric Surgery.** A. D. Jalilvand¹, J. Sojka¹, K. Shah¹, B. J. Needleman¹, S. F. Noria¹ ¹Ohio State University, General and Gastrointestinal Surgery, Columbus, OH, USA
- 17.07. Type of Fundoplication Is Not Associated with Persistent Dysphagia Following Antireflux Surgery.** K. Vande Walle¹, L. M. Funk¹, Y. Xu¹, J. Greenberg¹, A. Shada¹, A. Lidor¹ ¹University of Wisconsin, Department of Surgery, Madison, WI, USA
- 17.08. Tipping the Scales: Results of Bariatric Surgery by Socioeconomic Status in Black Patients.** S. Timberline⁷, M. S. Pichardo^{6,7}, G. Ortega⁵, M. F. Nunez⁸, E. S. Bauer⁵, E. Smith⁷, J. Tordecilla⁷, T. M. Fullum¹⁰, D. D. Tran¹⁰ ⁵Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA ⁶Yale University, New Haven, CT, USA ⁷Howard University College of Medicine, Washington, DC, USA ⁸Howard University College of Medicine, Department of Medicine, Washington, DC, USA ¹⁰Howard University College of Medicine, Department of Surgery, Center for Wellness and Weight Loss Surgery, Washington, DC, USA
- 17.09. Readmission Following Laparoscopic Bariatric Surgery Using the MBSAQIP Database.** K. Feng¹, J. S. Richman¹, B. L. Corey¹, R. D. Stahl¹, J. M. Grams¹ ¹University of Alabama at Birmingham, Division of Gastrointestinal Surgery/Department of Surgery, Birmingham, Alabama, USA
- 17.10. Gender Discrepancies in Bariatric Procedures Despite Increased Qualification and Referrals.** E. M. Masterson¹, F. Halperin², A. Tavakkoli² ¹Wake Forest University School of Medicine, Winston-Salem, NC, USA ²Brigham and Women's Hospital, Boston, MA, USA
- 17.11. Esophageal Function and Obesity.** J. U. Nguyen¹, K. Feng¹, J. P. Callaway², B. L. Corey¹, J. M. Grams¹ ¹University of Alabama at Birmingham, Division of Gastrointestinal Surgery/Department of Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Medicine, Birmingham, Alabama, USA
- 17.12. Laparoscopic Revision of Roux-En-Y Gastric Bypass to Distal Bypass for Weight Regain: Midterm Outcomes.** N. R. Changoor¹, G. Ortega¹, J. Kendall², C. M. Smith², K. Hughes¹, T. M. Fullum¹, D. Tran¹ ¹Howard University College of Medicine, Department of Surgery, Washington, DC, USA ²Howard University College of Medicine, Washington, DC, USA
- 17.13. Ethnic Disparities in Diabetes Outcomes after Bariatric Surgery.** A. Valencia¹, L. Garcia¹, D. Azagury¹, H. Rivas¹, J. M. Morton¹ ¹Stanford University, Bariatric and Minimally Invasive Surgery, Palo Alto, CA, USA
- 17.14. National Trends in Gastrectomy for Cancer by Race: Insight into Changing Epidemiology.** E. M. Groh¹, N. Hyun², D. Check², H. Chinnasamy³, J. M. Hernandez¹, B. I. Graubard², J. L. Davis¹ ¹National Cancer Institute, Thoracic and Gastrointestinal Oncology Branch, Bethesda, MD, USA ²National Cancer Institute, Division of Cancer Epidemiology and Genetics, Bethesda, MD, USA ³National Cancer Institute, Surgery Branch, Bethesda, MD, USA
- 17.15. the Malnourished Obese Patient: A Unique Paradox in Bariatric Surgery.** J. H. Fieber¹, P. Dowzicky¹, C. Wirtalla¹, N. N. Williams¹, D. T. Dempsey¹, R. R. Kelz¹ ¹University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA
- 17.16. Comparative Analysis of Black Males vs. Black Females after Bariatric Surgery.** E. S. Bauer⁴, M. S. Pichardo^{3,5}, G. Ortega⁴, M. F. Nunez⁴, M. A. Spencer³, M. Wooten³, D. D. Tran², T. M. Fullum^{2,4} ²Howard University College of Medicine, Department of Surgery, Center for Wellness and Weight Loss Surgery, Washington, DC, USA ³Howard University College of Medicine, Washington, DC, USA ⁴Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA ⁵Yale University, Department of Chronic Disease Epidemiology, New Haven, CT, USA
- 17.17. Insurance Status Influences Cardiac Outcomes for Bariatric Surgery.** N. Javadi¹, L. Garcia¹, D. Azagury¹, H. Rivas¹, J. M. Morton¹ ¹Stanford University, Bariatric and Minimally Invasive Surgery, Palo Alto, CA, USA
- 17.18. Postoperative Outcomes after Esophagectomy for Cancer in Elderly Patients.** F. Schlottmann¹, P. D. Strassle¹, B. A. Cairns¹, M. G. Patti¹ ¹University of North Carolina, Surgery, Chapel Hill, NORTH CAROLINA, USA
- 17.19. Double Percutaneous Transesophageal Gastrostomy for Pyloric Stenosis Due to Gastric cancer.** R. Iwase¹, Y. Suzuki², E. Yamanouchi³, H. Odaira², K. Yanaga¹ ¹The Jikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan ²International University of Health and Welfare Hospital, Department of Surgery, Nasushiobara, TOCHIGI, Japan ³International University of Health and Welfare Hospital, Department of Radiology, Nasushiobara, TOKYO, Japan
- 17.20. Multidisciplinary Approach for Management of Necrotizing Pancreatitis: A Case Series.** P. SENTHIL-KUMAR¹, W. Alswealmeen¹, Q. Yan¹, P. O'Moore¹, T. Braun¹, D. Ringold¹, O. Kirtan¹, T. Vu¹ ¹Abington Memorial Hospital, Surgery, Abington, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Quick Shot Presentations Session I

18. EDUCATION QUICKSHOT SESSION 1

ACOSTA

MODERATORS: James Nathan Lau, MD & Steven R. Allen, MD

18.01. A Competency-Based Curriculum to Teach and Assess the Fundamental Skills of Open Surgery (FSS). J. W. Menard¹, F. Shariff¹, W. Goering¹, A. Deladisma¹, R. Damewood², D. S. Lind¹ ¹University of Florida-Jacksonville, General Surgery, Jacksonville, FL, USA ²Wellspan Health York Hospital, General Surgery, York, PA, USA

18.02. Barriers to Reporting Needlestick Injuries Among Surgical Residents. K. Kapp¹, M. Mendez¹, A. Bors¹, R. Corn¹, F. Sharif¹, F. Alemi¹ ¹University of Missouri Kansas City, Department of Surgery, Kansas City, MO, USA

18.03. Women in Surgical Academia: Is Underrepresentation due to Lack of Competitive Inflow? M. D. Moore¹, K. D. Gray¹, J. Abelson¹, D. Fehling¹, T. J. Fahey¹, T. Beninato¹ ¹Weill Corenll Medicine, Surgery, New York, NY, USA

18.04. Academic Surgery or Community Practice: What's Driving Decision Making and Career Choices? B. J. Goudreau¹, T. E. Hassinger¹, A. Schroen¹, T. L. Hedrick¹, C. L. Slingluff¹, L. T. Dengel¹ ¹University of Virginia, General Surgery, Charlottesville, VA, USA

18.05. Residents Teaching Residents: An Innovative Curriculum with Demonstrated Durability in Learning. B. P. Kline¹, K. A. Mirkin¹, L. R. Myers¹, S. R. Allen¹ ¹Penn State University College of Medicine, Hershey, PA, USA

18.06. Program Directors' Knowledge of Opioid Prescribing Regulations for Residents: A Survey Study. D. Raygor¹, E. Bryant², G. A. Brat³, D. S. Smink², M. Crandall¹, B. K. Yorkgitis¹ ¹University of Florida-Jacksonville, Division of Acute Care Surgery, Jacksonville, FL, USA ²Brigham and Women's Hospital, Surgery, Boston, MA, USA ³Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA

18.07. Surgical Resident Use of Google™ and YouTube™ for OR Preparation. A. Khalifeh¹, B. Buckingham¹, R. Kantar¹, E. Reardon¹, S. Kidd-Romero², K. Luumpkins², S. M. Kavic² ¹University of Maryland Medical Center, Department of Surgery, Baltimore, MD, USA ²University of Maryland, School of Medicine, Baltimore, MD, USA

18.08. Innovative Teaching Strategies for Surgery Resident Education Sessions. A. Awe¹, M. Burger¹, A. C. Abrams¹, G. Caldito¹, Q. Chu¹, N. Samra¹ ¹Louisiana State University Health Sciences Center- Shreveport, General Surgery, Shreveport, LA, USA

18.09. Measuring Burnout in Surgical Residents: Do Traditional Indices Accurately Represent the Issue? C. R. Coverley¹, J. Tieman¹, M. Chang¹, D. Cole¹, O. Osuchukwu¹, T. S. Riall¹ ¹Banner University Medical Center - Tucson - Banner Health, Surgery, Tucson, AZ, USA

18.10. Does Resident Competition Within Question Banks Affect ABSITE Scores? K. Hudak¹, J. Porterfield², H. Chen², J. White² ¹University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA ²University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

18.11. Five-year Audit of Trainee-focused Program for Surgical Management of Peritoneal Dialysis Catheters. V. Kurbatov¹, C. Ibarra¹, R. Haywood¹, P. S. Yoo¹ ¹Yale University School of Medicine, General Surgery, New Haven, CT, USA

18.12. How Well Would Digitally Native Surgery Residents Adapt to a Hospital Ransomware Attack? J. Zhao¹, E. Kessler¹, C. Cooper¹, J. Brewer¹, S. Schwaitzberg¹, W. A. Guo¹ ¹State University of New York at Buffalo, Buffalo, NY, USA

18.13. An Interdisciplinary Approach to Surgical Skills Training Decreases Programmatic Costs. M. Snyder¹, J. D'Angelo¹, J. Bleedorn², R. Hardie², E. Foley¹, J. A. Greenberg¹ ¹University of Wisconsin, Department of Surgery, Madison, WI, USA ²University of Wisconsin, School of Veterinary Medicine, Madison, WI, USA

18.14. Surgical Residents Wellbeing and Life Satisfaction: A description of general surgery residents' lifestyle. O. O. Osuchukwu¹, J. Tieman¹, H. McClafferty², M. Chang¹, C. Coverley¹, D. Cole¹, T. S. Riall¹ ¹University of Arizona, Department of Surgery, Tucson, AZ, USA ²University of Arizona, Arizona Center for Integrative Medicine, Tucson, AZ, USA

18.15. Surgical Intern Case Volume Growth in the First Year of Post-graduate Training. I. A. Woelfel¹, D. Strosberg¹, S. Abdel-Misih^{1,2}, A. Harzman^{1,3} ¹Ohio State University, Department of Surgery, Columbus, OH, USA ²Ohio State University, Surgical Oncology, Columbus, OH, USA ³Ohio State University, Colon and Rectal Surgery, Columbus, OH, USA

18.16. Terrorism and the Challenges of Surgical Training in a Third World Country. A. B. Saeed², F. G. Qureshi¹ ¹UT Southwestern Medical Center, Division of Pediatric Surgery, Dallas, TX, USA ²Services Institute of Medical Sciences, General Surgery, Lahore, PUNJAB, Pakistan

18.17. Evaluating System-Based Financial Knowledge of General Surgery Residents. L. Ferro¹, E. Grenn¹, C. Muncie², D. Parrish^{1,2}, L. Boomer¹ ¹VCU Medical Center, Surgery, Richmond, VA, USA ²University of Mississippi Medical Center, Surgery, Jackson, MS, USA

18.18. Do Residents Know Duty Hour Limits? How Communicating and Interpreting Duty Hours Impacts Compliance. R. R. Love³, A. Dahlke³, L. Kreutzer³, D. B. Hewitt^{2,3}, K. Y. Bilimoria³, J. K. Johnson³ ²Thomas Jefferson University, Surgery, Philadelphia, PA, USA ³Northwestern University, Surgical Outcomes and Quality Improvement Center (SOQIC), Chicago, IL, USA

18.19. Current Trends in Training in the Surgical Management of Acute Appendicitis at a Veteran Affairs Hospital. M. Ruiz¹, S. Huerta^{1,2} ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Dallas, TX, USA

18.20. A Pilot Study of Surgical Resident Familiarity with Value in Healthcare and Surgery. G. T. Fankhauser¹, J. Perone¹, P. Roughneen¹ ¹University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA

9:30 AM - 10:00 AM

Morning Break in Exhibit Area

GRAND BALLROOM FOYER

10:00 AM - 10:15 AM **Opening Comments** GRAND BALLROOM 4-5

Rebecca S. Sippel, MD, AAS President & Taylor S. Riall, MD, PhD, SUS President

10:15 AM - 10:45 AM **SUS Lifetime Achievement Award** GRAND BALLROOM 4-5



Courtney M. Townsend, Jr., MD

Professor
Robertson-Poth Distinguished Chair in General Surgery
University of Texas Medical Branch

INTRODUCTION BY: Dai H. Chung, MD

10:45 AM - 11:30 AM **SUS PRESIDENTIAL ADDRESS: "Enjoy the Journey"** GRAND BALLROOM 4-5



Taylor S. Riall, MD, PhD

Acting Chair, Department of Surgery
Chief, Division of General Surgery/Surgical Oncology
Professor, Surgery
The University of Arizona

INTRODUCTION BY: Allan Tsung, MD, SUS President-Elect

A career in surgery is both highly rewarding and personally challenging. A successful surgical career and happiness are not mutually exclusive. As surgeons' lives and responsibilities change, their priorities shift as well and they must make changes consistent with those priorities to maintain their career/personal satisfaction and continue to enjoy the journey. This talk will focus on lessons learned from a single surgeon's journey and will focus on the role of mindfulness, self-awareness, and emotional intelligence as tools to help surgeons develop resiliency and respond rather than react to the stress inherent in their environment in a way that promotes their wellbeing.

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify the challenges in medicine, their career, and personal lives that are currently creating stress and challenging their wellbeing.
- Understand the concepts of mindfulness, self-awareness, and emotional intelligence and use these tools to set priorities and define their own success.
- Identify personal strategies to improve work-life integration and career satisfaction.

11:30 AM - 1:00 PM **HOT TOPIC LUNCH SESSION 1:** GRAND BALLROOM 1-3

"#SoMe 2.0 - Building an Academic Career in the World of Social Media"

MODERATOR: Niraj Gusani, MD, MS & Christian Jones, MD

SPEAKERS: Justin Dimick, MD, MPH, Amalia Cochran, MD, Joseph V. Sakran, MD, MPA, MPH, Jamie Coleman, MD, Deanna Attai, MD, & Thomas K. Varghese, Jr. MD, MS

Social media has revolutionized the way we network and engage with the public. This Hot Topic will focus on how social media can be used in your academic careers, with illustrative examples in Digital Scholarship, Surgical Education, Public Health Initiatives in the Trauma Surgery, Cancer Awareness, and Future Trends in Social Media Platforms.

- Introduction – Niraj Gusani, MD, MS
- The Science of Digital Scholarship – Justin Dimick, MD, MPH
- Social Media and the Science of Education – Amalia Cochran, MD
- Engaging the Public in Areas of Debate – Joseph V. Sakran, MD, MPA, MPH
- Public Health Initiatives in Trauma Surgery – Jamie Coleman, MD
- Social Media and the Science of Cancer – Deanna Attai, MD
- SoMe in Surgery – what is the future? – Thomas K. Varghese Jr., MD, MS
- Roundtable Discussion/Debate – Moderated by Christian Jones, MD
- Question and Answers – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Understand the basic concepts of digital scholarship, including novel techniques such as the visual abstract that influence “impact factor” in advancing science.
- Assess the changing paradigms in Surgical Education, and how one can utilize Social Media in the constructs of curriculum development and simulation research.
- Recognize the barriers in engaging the Public at large on advocating for surgical issues, such as Trauma and Cancer, and how engaging with patients, providers and policy makers can be done in an academic career.
- Describe future trends in Social Media and their impact on the field of Surgery.

OR

11:30 AM - 1:00 PM

ETHICS COMMITTEE LUNCH SESSION: “Intraoperative Dilemmas in Resident Education”

GRAND BALLROOM 6-8

SESSION CHAIRS: Sabha Ganai, MD, PhD, MPH & Scott Grant, MD, MBE

SPEAKERS: Rebecca Minter, MD, Peter Angelos, MD, PhD, Alexander Langerman, MD, MS, & Anji Wall, MD, PhD

This educational session explores ethical dilemmas that occur in the scope of teaching surgical residents in the operating room, focusing on conflicts between patient autonomy, nonmaleficence, and duty to train future surgeons. Academic surgeons who supervise residents will benefit from a series of case-based discussions supported by literature review.

- Introduction & Audience Response Questions – Sabha Ganai, MD, PhD, MPH
- Entrustment and Resident Autonomy – Rebecca Minter, MD
- Audience Response Questions – Scott Grant, MD, MBE
- Scheduling Concurrent Procedures – Peter Angelos, MD, PhD
- Audience Response Questions – Sabha Ganai, MD, PhD, MPH
- Transparency During Awake and Recorded Procedures – Alex Langerman, MD, MS
- Audience Response Questions – Scott Grant, MD, MBE
- Disclosure of Unintended Adverse Events – Anji Wall, MD, PhD
- Panel Discussion – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Discuss ethical principles of patient autonomy, nonmaleficence, and justice in respect to dilemmas in resident education.
- Prioritize competing duties to protect patients from harm and duties to teach residents how to operate independently.
- Summarize recommendations on performance of concurrent surgery, teaching during awake/recorded procedures, and management of ethical conflicts in resident education.

OR

11:30 AM - 1:00 PM

SOCIAL & LEGISLATIVE ISSUES COMMITTEE LUNCH SESSION:

GRAND BALLROOM 4-5

"Building Diversity and Equity in Academic Surgery: Current State & Strategies for Improvement"

SESSION CHAIRS: Amir A. Ghaferi, MD, MS, Kelli M. Bullard Dunn, MD, & Tracy S. Wang, MD, MPH

SPEAKERS: David McIntosh, PhD, Sabina M. Siddiqui, MD,

Wayne A. I. Frederick, MD, MBA, & Jennifer F. Tseng, MD, MPH

This session will seek to further define diversity beyond the traditional areas of gender and race. Diversity means understanding that each individual is unique, and recognizing our individual differences. These can be along the dimensions of race, ethnicity, gender, sexual orientation, socio-economic status, age, physical abilities, religious beliefs, political beliefs, or other ideologies.

- Introduction – Amir A. Ghaferi, MD, MS
- Diversity Matters: Stories from a Straight, White, Cisgender Male – David McIntosh, PhD
- Praying in Stairwells – Sabina M. Siddiqui, MD
- Eliminating Echo-Chambers: The Importance of Cultural Competence and Diversity of Thought in Medicine – Wayne A. I. Frederick, MD, MBA
- One of These Things is Not Like the Others: When to Fit In and When to Stick Out – Jennifer F. Tseng, MD, MPH
- Panel Discussion

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify best practices for building a diverse department and/or team.
- Integrate the principles of diversity into team development and management.
- Develop the awareness and need for diversity and equity in one's department or team.

1:00 PM - 2:30 PM

SUS PRESIDENTIAL SESSION:

GRAND BALLROOM 4-5

"Maintaining the Fire: Physician Wellbeing through Resilience, Intentional Culture"

SESSION CHAIR & MODERATOR: Taylor S. Riall, MD, PhD

SPEAKERS: Catherine Cheng, MD, John Chuck, MD, Gary Dunnington, MD, &

Andrew Hill, MBChB, MD

The organizational transformation within healthcare has led to many changes that have adversely impacted physicians. Healthcare systems are increasingly separating us from our core mission, contributing to a decreased sense of fulfillment. As academic surgeons, we face many challenges including decreased autonomy, increased demands on clinical productivity, increased clerical responsibilities, a difficult funding environment, and difficulty integrating our personal and professional lives. In addition, traditional surgical culture compounds the problem by creating an environment that does not encourage surgeons to take care of themselves. Surgeon wellbeing is essential to maintaining the surgical workforce and to the safety and quality of the patient care we deliver.

In an April 2017 article, Bohman et al. describe three reciprocal domains of physician wellbeing: personal resilience, a culture of wellbeing, and efficiency of practice. Personal resilience is the responsibility of the physician and the other two domains represent organizational responsibilities. As surgical leaders, we have the opportunity to influence all three of these reciprocal domains. This session will focus on strategies to prevent burnout and help surgeons maintain the fire throughout their careers by positively influence all three domains of physician wellbeing. This includes teaching and practicing personal resilience, creating an intentional culture and environment that encourages surgeons to care for themselves so they can care for others, and changing the system to support physician needs.

- Introduction – Taylor S. Riall, MD, PhD
- From Coping to Thriving: Challenging the Cultural Milieu as Tribal Leaders – Catherine Cheng, MD
- Mindfulness for Surgeons: Why Should We Care? – Andrew Hill, MBChB, MD
- Departmental Core Values: Creating an Intentional Culture to Support Surgeon Development and Work-Life Integration – Gary Dunnington, MD
- Physician Resiliency and Wellbeing: A System Perspective – John Chuck, MD
- Discussion/Q&A – Taylor S. Riall, MD, PhD

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Describe the three reciprocal domains of physician wellbeing.
- Define mindfulness, why it matters to surgeons, and how to apply these techniques to improve personal resilience and optimize performance.
- Identify their core values and the role of these values in defining departmental culture and understand the impact of culture on surgeon wellbeing.
- Identify opportunities to make system-level changes to improve practice efficiency and bring surgeons back to their core mission.

2:30 PM - 3:00 PM

SUS JOEL J. ROSLYN LECTURE:

GRAND BALLROOM 4-5

"Attacking Pancreatic Cancer: Leveraging the Academic Surgeon's Tools"



Herbert J. Zeh, MD

Chief, Division of Gastrointestinal Surgical Oncology
Professor and Watson Family Chair in Surgery
Co-Director, UPMC Pancreatic Cancer Center
Co-Director, Gastrointestinal Oncology Program
University of Pittsburgh

INTRODUCTION BY: Taylor Riall, MD, PhD

Pancreatic Ductal Adenocarcinoma is the 4th leading cause of cancer deaths in the US. the academic surgeon has many tools to employ in the fight to combat this deadly disease from novel pre operative therapies to innovative surgical approaches.

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Discuss the limitations to current surgical approaches to potentially resectable pancreatic cancer.
- Describe the surgeons role in evaluating novel pre-operative regimens.
- Describe the potential advantages to MIS pancreatic surgery to treatment of this disease.
- Understand the hurdles to successful adoption of robotic pancreatic surgery.

3:00 PM - 3:30 PM

BJS LECTURE:

GRAND BALLROOM 4-5

"Precision Surgery for Metastatic Colorectal Cancer"



Graeme Poston, DSc, FRCS

Professor of Surgery, University of Liverpool
Chair, Editorial Board, *European Journal of Surgical Oncology*
Consultant Surgeon, Liverpool Hepatobiliary Centre
Aintree University Hospital

INTRODUCTION BY: Taylor Riall, MD, PhD

Metastasectomy with curative intent for oligometastatic colorectal cancer is now widely practiced, however the disease recurs in up to 70% of patients after such surgery. Much has been learnt over the last decade about prognostic and predictive molecular markers of response to systemic therapies in Stage 4 colorectal cancer. This presentation will overview the role of these markers in patient selection and perioperative therapies when offering surgery to patients with liver limited colorectal cancer liver metastases.

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Determine which molecular markers are prognostic or predictive for outcome after hepatectomy for colorectal cancer metastases.
- Discuss how we can integrate these data into the established scoring systems for prognosis after such surgery.

3:30 PM - 4:00 PM **Afternoon Break in the Exhibit Area** GRAND BALLROOM FOYER

4:00 PM - 5:30 PM **Basic Science Plenary** GRAND BALLROOM 4-5

MODERATORS: Clifford S. Cho, MD & Allan Tsung, MD

- 19.01. E-selectin/AAV Gene Therapy Promotes Wound Healing in a Critical Limb Ischemia Mouse Model.** P. P. Parikh¹, R. Lassance-Soares¹, H. Shao¹, Z. Liu¹, O. C. Velazquez¹ ¹University of Miami Miller School of Medicine, Surgery, Miami, FL, USA
- 19.02. Bioengineered Human Pancreatic Islets for the treatment of Type-I Diabetes.** M. Schmidt¹, G. Loganathan¹, S. Narayanan¹, A. Jawahar¹, J. Pradeep¹, M. G. Hughes¹, S. K. Williams¹, B. N. Appakalai¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA
- 19.03. RON Kinase Inhibition Modulates the Pancreatic Cancer Microenvironment to Promote an Antitumor State.** D. Sood¹, A. Cazes¹, D. Jaquish¹, E. Mose¹, R. French¹, A. M. Lowy¹ ¹University of California - San Diego, Department of Surgery, Division of Surgical Oncology, Moores Cancer Center, La Jolla, CA, USA
- 19.04. Whole-Food Enteral Nutrition Prevents Gut Dysbiosis and Improves Outcomes in a Mouse Colitis Model..** A. Yeh¹, E. Conners², B. Firek², M. B. Rogers², R. Cheek², M. J. Morowitz² ¹University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA ²Children's Hospital of Pittsburgh of UPMC, Division of Pediatric General and Thoracic Surgery, Pittsburgh, PA, USA
- 19.05. ATAC-seq and Reciprocal Transplantation Prove Scar-Forming Behavior is Cell Intrinsic** A. L. Moore^{1,2}, U. Litzenburger², C. D. Marshall², H. E. desJardins-Park², B. Duoto², S. Mascharak², L. A. Barnes², R. C. Ransom², M. S. Hu^{2,3}, H. Y. Chang², H. P. Lorenz², M. T. Longaker² ¹Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA ²Stanford University School of Medicine, Department Of Surgery, Palo Alto, CA, USA ³University Of Hawaii, John A. Burns School Of Medicine, Department Of Surgery, Honolulu, HI, USA
- 19.06. CCR2⁺ Monocytes Mobilized from Spleen Cause Neutrophil Extravasation During Lung Reperfusion Injury.** R. Fernandez¹, M. Akbarpour¹, S. F. Chiu¹, H. Sun¹, A. Misharin¹, G. S. Budinger¹, A. Bharat¹ ¹Northwestern University, Thoracic Surgery, Chicago, IL, USA

OR

4:00 PM - 5:30 PM **CLINICAL and HEALTH SERVICES COMMITTEE SESSION:** GRAND BALLROOM 6-8

"Selecting the Appropriate Data Source for the Question: A Review of the Most Commonly Used National Databases"

SESSION CHAIRS: Carrie Lubitz, MD, MPH, Arden Morris, MD, MPH, & Jennifer F. Tseng, MD, MPH
MODERATORS: Carrie Lubitz, MD, MPH & Arden Morris, MD, MPH

SPEAKERS: David C. Chang, PhD, MPH, MBA, Stefan Holubar, MD, MS, & Kyle Sheetz, MD, MS

Many outcomes/health services research careers are founded on analyses of large national databases. While experienced outcomes researchers may understand the differences and the limitations of NSQIP, NIS, MarketScan, etc., there is little guidance available to early investigators. This session will enable participants to explain and compare frequently used sources of data, recognize critical assumptions in data selection, and clarify when and why one dataset might be preferable to another.

- Introduction to the Problem – Carrie Lubitz, MD, MPH
- Uses and Limitations of Large Databases: Wish I Knew then What I Know Now – Kyle Sheetz, MD, MS
- Clinical, Cost, and Burden Analyses with Claims Data – David C. Chang, PhD, MPH, MBA
- Tapping the Power of the Electronic Medical Record – Stefan Holubar, MD, MS
- Conclusion and Panel Q/A – Arden Morris, MD, MPH

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Articulate strengths and limitations, including cost and access, of individual claims and clinical registry datasets.
- Produce a cogent rationale for dataset selection based on the research question.
- Critically appraise the appropriateness of datasets in papers or projects that they review.

5:30 PM - 6:30 PM **SUS Business Meeting (Invitation Only)** GRAND BALLROOM 1-3

OR

5:30 PM - 6:30 PM

AAS Medical Student Quickshot Competition

RIVER TERRACE 2

MODERATORS: Caprice C. Greenberg, MD, MPH & Adil H. Haider, MD, MPH

- 20.01. Bioengineered Human Pancreatic Islets for the treatment of Type-I Diabetes.** M. Schmidt¹, G. Loganathan¹, S. Narayanan¹, A. Jawahar¹, J. Pradeep¹, M. G. Hughes¹, S. K. Williams¹, B. N. Appakalai¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA
- 20.02. the Impact of ERAS protocol on Urinary Tract Infections after Free Flap Breast Reconstruction..** B. Sharif-Askari¹, R. Zhao¹, S. Hollenbeck¹ ¹Duke University Medical Center, Division of Plastic and Reconstructive Surgery, Durham, NC, USA
- 20.03. Impact of 'Take the Volume Pledge' on Access & Outcomes for Gastrointestinal Cancer Surgery.** R. C. Jacobs¹, S. Groth¹, F. Farjah², M. A. Wilson³, L. A. Petersen^{4,5}, N. N. Massarweh^{1,4} ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ²University of Washington, Division of Cardiothoracic Surgery, Seattle, WA, USA ³VA Pittsburgh Healthcare System, Department of Surgery, Pittsburgh, PA, USA ⁴Michael E. DeBakey Veterans Affairs Medical Center, VA HSR&D Center for Innovations In Quality, Effectiveness, and Safety, Houston, TX, USA ⁵Baylor College of Medicine, Department of Medicine, Houston, TX, USA
- 20.04. the Affordable Care Act's Medicaid Expansion and Utilization of Discretionary Inpatient Surgery.** A. B. Crocker³, A. Zeymo^{2,3}, D. Xiao³, L. B. Johnson⁴, T. DeLeire⁵, N. Shara^{2,4}, W. B. Al-Refaie^{1,2,3} ¹MedStar-Georgetown University Medical Center, Department of Surgery, Washington, DC, USA ²MedStar Health Research Institute, Washington, DC, USA ³MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA ⁴Georgetown-Howard Universities Center for Clinical and Translational Science, Washington, DC, USA ⁵Georgetown McCourt School of Public Policy, Washington, DC, USA
- 20.05. Rapamycin Inhibits Primary and Recurrent Heterotopic Ossification in Genetically Susceptible FOP Mice.** C. Hwang¹, S. Ucer¹, C. Pagani¹, N. Patel¹, A. Vaishampayan¹, M. Sorkin¹, M. T. Chung¹, J. Li¹, C. Breuler¹, C. Priest¹, A. N. Economides³, S. Agarwal¹, Y. Mishina², B. Levi¹ ¹University of Michigan, Section of Plastic Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Biologic and Material Sciences, School of Dentistry, Ann Arbor, MI, USA ³Regeneron Pharmaceuticals and Genetics Center, Tarrytown, NY, USA
- 20.06. Gender Disparities in Retention and Promotion of Academic Surgeons: A Prospective National Cohort.** N. Z. Wong¹, J. S. Abelson¹, M. Symer¹, H. L. Yeo^{1,2} ¹Weill Cornell Medicine, Surgery, New York, NY, USA ²Weill Cornell Medicine, Healthcare Policy and Research, New York, NY, USA
- 20.07. Improvements in Surgical Mortality: the Roles of Complications and Failure to Rescue.** B.T. Fry^{1,2}, J.R. Thumma², J.B. Dimick^{2,3} ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ¹University of Michigan, Medical School, Ann Arbor, MI, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA
- 20.08. Lymph Node Ratio Does Not Predict Survival after Surgery for Stage-2 (N1) Lung Cancer in SEER.** D. T. Nguyen², J. P. Fontaine^{1,2}, L. Robinson^{1,2}, R. Keenan^{1,2}, E. Toloza^{1,2} ¹Moffitt Cancer Center, Department of Thoracic Oncology, Tampa, FL, USA ²University of South Florida Health Morsani College of Medicine, Tampa, FL, USA
- 20.09. Induction Chemotherapy versus Standard Treatment for Locally Advanced Rectal Cancer.** C. Nganzeu¹, J. J. Blank¹, F. Ali¹, W. Hall², C. Peterson¹, K. Ludwig¹, T. Ridolfi¹ ²Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA ¹Medical College of Wisconsin, Department of Colorectal Surgery, Milwaukee, WI, USA
- 20.10. Medicare's HAC Reduction Program Disproportionately Affects Minority-Serving Hospitals.** C. K. Zogg^{1,2}, J. R. Thumma², A. M. Ryan², J. B. Dimick² ¹Yale University School of Medicine, New Haven, CT, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

OR

5:30 PM - 6:30 PM

AAS Resident/Fellow Quickshot Competition

RIVER TERRACE 3

MODERATORS: Rebecca S. Sippel, MD & Karl Y. Bilimoria, MD

- 21.01. Are Residents Really Burned Out? A Comprehensive Study of Surgical Resident Burnout and Well-Being.** B. Hewitt¹, J. W. Chung¹, A. R. Dahlke¹, A. D. Yang¹, K. E. Engelhardt¹, E. Blay¹, J. T. Moskowitz², E. O. Cheung², F. R. Lewis³, K. Y. Bilimoria¹ ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA ²Northwestern University, Osher Center for Integrative Medicine, Chicago, ILLINOIS, USA ³American Board of Surgery, Philadelphia, PENNSYLVANIA, USA
- 21.02. Racial and Ethnic Disparities in Promotion and Retention of Academic Surgeons.** G. Eckenrode^{1,2}, M. Symer¹, J. Abelson¹, A. Watkins¹, H. Yeo^{1,2} ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Weill Cornell Medical College, Healthcare Policy, New York, NY, USA
- 21.03. Editorial (Spring) Board?: Gender Composition in High-Impact General Surgery Journals.** C. A. Harris¹, T. Banerjee², M. Cramer⁴, S. Manz⁶, S. Ward⁵, J. B. Dimick³, D. A. Telem² ¹University of Michigan, Division of Plastic Surgery, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Michigan Women's Surgical Collaborative, Ann Arbor, MI, USA ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ⁴Cornell University, Ithaca, NY, USA ⁵University of Michigan, Division of Cardiac Surgery, Department of Surgery, Ann Arbor, MI, USA ⁶University of Michigan, Ann Arbor, MI, USA ⁷University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA ⁸University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA
- 21.04. Are General Surgery Residents Being Coerced to Exceed Duty Hour Limits? A FIRST Trial Analysis..** E. Blay¹, K. E. Engelhardt¹, B. Hewitt¹, C. Quinn¹, A. R. Dahlke¹, A. D. Yang¹, K. Y. Bilimoria¹ ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA



- 21.06. CCR2⁺ Monocytes Mobilized from Spleen Cause Neutrophil Extravasation During Lung Reperfusion Injury.** R. Fernandez¹, M. Akbarpour¹, S. F. Chiu¹, H. Sun¹, A. Misharin¹, G. S. Budinger¹, A. Bharat¹ ¹Northwestern University, Thoracic Surgery, Chicago, IL, USA
- 21.07. E-selectin/AAV Gene Therapy Promotes Wound Healing in a Critical Limb Ischemia Mouse Model.** P. P. Parikh¹, R. Lassance-Soares¹, H. Shao¹, Z. Liu¹, O. C. Velazquez¹ ¹University of Miami Miller School of Medicine, Surgery, Miami, FL, USA
- 21.08. Should Sentinel Lymph Node Biopsy Be Recommended to All Intermediate Thickness Melanoma Patients?** A. Hanna¹, A. J. Sinnamon¹, R. Roses¹, R. Kelz¹, D. Elder¹, X. Xu¹, B. Pockaj², D. Fraker¹, G. Karakousis¹ ¹University of Pennsylvania, Philadelphia, PA, USA ²Mayo Clinic, Phoenix, AZ, USA
- 21.09. Scholarly Activity in Academic Plastic Surgery: the Gender Difference.** S. E. Sasor¹, J. A. Cook¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady¹, M. W. Chu¹, L. G. Koniaris¹ ¹Indiana University, Plastic Surgery, Indianapolis, IN, USA
- 21.10. RON Kinase Inhibition Modulates the Pancreatic Cancer Microenvironment to Promote an Antitumor State.** D. Sood¹, A. Cazes¹, D. Jaquish¹, E. Mose¹, R. French¹, A. M. Lowy¹ ¹University of California - San Diego, Department of Surgery, Division of Surgical Oncology, Moores Cancer Center, La Jolla, CA, USA

6:30 PM - 7:30 PM

Opening Welcome Reception with Exhibitors

GRAND BALLROOM FOYER

Join us for the opening Exhibit and Welcome Reception, take time to network and meet your colleagues.

7:30 PM - 9:30 PM

Surgical Jeopardy

GRAND BALLROOM 6-8

Institutional Teams will vie to score the most points in this hilariously executed game of knowledge.

TUESDAY

WEDNESDAY

THURSDAY

| | | | |
|-----------|--|---|--------------------|
| TUESDAY | 6:30 AM - 7:30 AM | AAS/Student Mentor Breakfast (Invitation Only) | GRAND BALLROOM 1-3 |
| | 6:30 AM - 7:30 AM | SUS New Members Breakfast (Invitation Only) | GRAND BALLROOM 6-8 |
| | 7:30 AM - 9:30 AM | Integrated Oral Presentations Session I | |
| WEDNESDAY | 22. BASIC SCIENCE: HOST INFLAMMATORY RESPONSE ORAL SESSION | | CITY TERRACE 4 |
| | MODERATORS: Allan Tsung, MD & Todd W. Costantini, MD | | |
| | <p>22.01. Sleeve Gastrectomy Reverses Obesity-Induced Intestinal Immune Dysfunction. D. A. Harris¹, R. Subramaniam¹, K. Heshmati¹, A. Tavakkoli¹, E. Sheu¹ ¹Brigham and Women's Hospital, General Surgery, Boston, MA, USA</p> <p>22.02. The Gut-Liver Axis: The Source of Inflammation in Aging. F. Adiliaghdam¹, F. Kuehn¹, S. R. Hamarneh¹, R. Vasan¹, J. M. Ramirez¹, E. Samarbafzadeh¹, E. Liu¹, Y. Liu¹, R. A. Hodin¹ ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA</p> <p>22.03. Caspase-11 Mediated HMGB1 Release from the Liver Drives Immune Cell Pyroptosis in Sepsis. W. Li^{1,2}, M. Deng¹, B. Lu³, Y. Tang³, M. Scott¹, Q. Wang¹, T. R. Billiar¹ ¹University of Pittsburgh, Surgery, Pittsburgh, PA, USA ²The 3rd Xiangya Hospital of Central South University, Surgery, Changsha, HUNAN, China ³The 3rd Xiangya Hospital of Central South University, Department of Hematology and Research Institute of Immunology, Changsha, HUNAN, China</p> <p>22.04. Novel Development of Gastric Cancer Organoids from Endoscopic Biopsy Tissues. M. Lin¹, K. Hirai¹, M. Choi¹, D. Tzimas¹, J. C. Bucobo¹, J. Buscaglia¹, G. V. Georgakis¹, A. Sasson¹, M. Gao¹, J. Kim¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA</p> <p>22.05. ST266 Attenuates Neointima Hyperplasia and Luminal Stenosis After Arterial Balloon Angioplasty. S. Rahimpour¹, X. Liu², X. Wang², R. Banas³, S. M. Pham¹ ³Noveome Biotherapeutic, Inc., Pittsburgh, PA, USA ¹Mayo Clinic - Florida, Cardiothoracic Surgery, Jacksonville, FL, USA ²University of Maryland, Surgery, Baltimore, MD, USA</p> | | |
| THURSDAY | <p>22.06. Loss of c-Kit Function Impairs NO Mediated Vascular Relaxation in Mutant Mice. D. R. Hernandez¹, L. Song¹, Z. M. Zigmund¹, Y. Wei¹, L. Martinez¹, R. M. Lassance-Soares¹, R. I. Vazquez-Padron¹ ¹University of Miami, Surgery, Miami, FL, USA</p> <p>22.07. The Effects of Glucose and B27 Deprivation on Astrocyte Expression of Erythropoietin Receptor. M. Eldeiry¹, K. Yamanaka¹, L. S. Foley¹, X. Meng¹, M. Aftab¹, M. J. Weyant¹, J. C. Cleveland¹, D. A. Fullerton¹, T. B. Reece¹ ¹University of Colorado Denver, Aurora, CO, USA</p> <p>22.08. Chloroquine Ameliorates Pancreatitis through Inhibition of Neutrophil Extracellular Traps. B. A. Boone¹, P. Murthy¹, X. Liang¹, A. D. Singhi¹, R. Kang¹, D. Tang¹, H. J. Zeh¹ ¹University of Pittsburgh, Surgical Oncology, Pittsburgh, PA, USA</p> <p>22.09. Modeling the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome in Sepsis. V. Nomellini¹, A. M. Pugh¹, N. J. Auteri¹, H. S. Goetzman¹, C. C. Caldwell¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA</p> <p>22.10. Persistent Hypercatecholaminemia Drives Hematopoietic Progenitor Cell Mobilization following Trauma. G. D. Doobay¹, E. S. Miller¹, T. J. Loftus¹, K. B. Kannan¹, P. A. Efron¹, A. M. Mohr¹ ¹University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA</p> | | |

23.01. SMAD4 Loss in Patient-Derived Colorectal Cancer

Tumoroids Confirms Chemoresistance. B. Szeglin¹, C. Wu^{9,11}, I. Wasserman², S. Uppada³, X. Chen⁶, K. Ganesh⁸, A. Elghouayel^{7,11}, J. Shia⁵, A. Barlas¹⁰, P. B. Paty¹¹, M. R. Weiser¹¹, J. G. Guillem¹¹, G. M. Nash¹¹, K. Manova-Todorova¹⁰, P. Dhawan³, R. Beauchamp⁴, N. E. Kemeny⁸, J. Garcia-Aguilar¹¹, C. L. Sawyers⁹, J. Smith^{9,11} ¹Albert Einstein College of Medicine, Bronx, NY, USA ²Icahn School of Medicine at Mount Sinai, New York, NY, USA ³University of Nebraska Medical Center, Department of Biochemistry and Molecular Biology, Omaha, NE, USA ⁴Vanderbilt University Medical Center, Section of Surgical Sciences, Nashville, TN, USA ⁵Memorial Sloan-Kettering Cancer Center, Department of Pathology, New York, NY, USA ⁶University of Miami Miller School of Medicine, Department of Bioinformatics and Biostatistics, Miami, FL, USA ⁷College of William and Mary, Williamsburg, VA, USA ⁸Memorial Sloan-Kettering Cancer Center, Department of Medical Oncology, New York, NY, USA ⁹Memorial Sloan-Kettering Cancer Center, Human Oncology and Pathogenesis Program, New York, NY, USA ¹⁰Memorial Sloan-Kettering Cancer Center, Department of Molecular Cytology, New York, NY, USA ¹¹Memorial Sloan-Kettering Cancer Center, Colorectal Service, Department of Surgery, New York, NY, USA

23.02. Defining CD8⁺ T-cell Subsets that are Rescued by

PD-1/PD-L1 Blockade in the Tumor Microenvironment. T. Yamauchi¹, T. Hoki¹, C. A. Eppolito¹, A. Francois¹, K. Odunsi^{1,2,3}, F. Ito^{1,4,5} ¹Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA ²Roswell Park Cancer Institute, Gynecologic Oncology, Buffalo, NY, USA ³Roswell Park Cancer Institute, Immunology, Buffalo, NY, USA ⁴State University of New York at Buffalo, Surgery, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA

23.03. Depletion of Gut Microbiome Lowers Cancer Burden in

Murine Models by Modulating the Immune System. V. Sethi¹, B. Giri¹, B. Garg¹, M. Tarique¹, S. Lavania¹, L. Hellmund¹, Z. Malchiodi¹, S. Kurtom¹, A. Farrantella¹, S. Banerjee¹, S. Ramakrishnan¹, S. Roy¹, A. Saluja¹, V. Dudeja¹ ¹University of Miami, Department of Surgery, Miami, FL, USA

23.04. CD40 signaling is required for expansion of terminally-

differentiated CX3CR1⁺ CD8⁺ T cells. F. Ito^{1,2,3}, T. Hoki², C. A. Eppolito², A. J. Francois², K. Odunsi^{2,4,5}, T. Yamauchi² ³State University of New York at Buffalo, Surgery, Buffalo, NY, USA ¹Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA ⁴Roswell Park Cancer Institute, Gynecologic Oncology, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Immunology, Buffalo, NY, USA

23.05. CRISPR/Cas9 Genome Editing of Tumor-specific CD8⁺ T

cell-derived Induced Pluripotent Stem Cells. T. Yamauchi¹, H. Saito^{2,3}, T. Hoki¹, F. Ito^{1,2,4,5} ²University of Michigan, Surgery, Ann Arbor, MI, USA ³Kanazawa Medical University, Biochemistry, Kanazawa, ISHIKAWA, Japan ⁴State University of New York at Buffalo, Surgery, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA ¹Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA

23.06. Blocking NETs Reduces Macrophage Infiltration and

Progression of Steatohepatitis to Liver Cancer. D. J. Van Der Windt¹, V. Sud¹, P. Varley¹, J. Goswami¹, H. Zhang¹, H. Yazdani¹, P. Loughran², M. I. Minervini⁴, H. Huang¹, R. L. Simmons¹, A. Tsung¹ ¹University of Pittsburgh, Surgical Oncology, Pittsburgh, PENNSYLVANIA, USA ²University of Pittsburgh, Center for Biologic Imaging, Pittsburgh, PENNSYLVANIA, USA ³University of Pittsburgh, Department of Medicine, Pittsburgh, PENNSYLVANIA, USA ⁴University of Pittsburgh, Department of Pathology, Pittsburgh, PENNSYLVANIA, USA

23.07. Immunologic Changes in Regionally Treated Melanoma. J.

A. Perone¹, T. Tamesa^{1,2}, M. Tsutsui², R. E. Alvarado¹, S. Moore¹, P. Dolber¹, I. Pinchuk¹, K. Olino¹, D. Tyler¹ ¹University of Texas Medical Branch, Galveston, TX, USA ²Durham Veterans Affairs Medical Center, Durham, NC, USA

23.08. Priming with IL-7/15 to Generate Metabolically Fit CD8⁺ T

Cells in the Tumor Microenvironment. S. Patel¹, T. Hoki¹, T. Yamauchi¹, K. A. Collins¹, C. A. Eppolito¹, A. J. Francois¹, J. V. Welch¹, J. A. DiTursi¹, K. Odunsi^{1,2,3}, F. Ito^{1,4,5} ¹Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Gynecologic Oncology, Buffalo, NY, USA ³Roswell Park Cancer Institute, Department of Immunology, Buffalo, NY, USA ⁴State University of New York at Buffalo, Department of Surgery, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA

23.09. Interrogation of Immune Checkpoints in Pancreatic Cancer

Organoids Reveal Novel Cytotoxic Therapies. K. Hirai¹, M. Lin¹, S. Hoque¹, M. Choi¹, Y. Zhang¹, G. V. Georgakis¹, A. R. Sasson¹, M. Gao¹, J. Kim¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA

23.10. Ablation of Cystathionine-Gamma-Lyase Promotes Colitis-

Associated Carcinogenesis. K. Thanki¹, M. Nicholls¹, M. Maskey¹, C. Phillips¹, P. Johnson¹, J. R. Zatarain¹, K. Modis¹, S. Qiu³, I. V. Pinchuk², M. R. Hellmich¹, C. Chao¹ ¹University of Texas Medical Branch, Surgery, Galveston, TX, USA ²University of Texas Medical Branch, Internal Medicine, Galveston, TX, USA ³University of Texas Medical Branch, Pathology, Galveston, TX, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

24. BASIC SCIENCE: HEPATOPANCREATOBIILIARY ONCOLOGY AND TRANSPLANTATION ORAL SESSION

CITY TERRACE 6

MODERATORS: Katherine T. Morris, MD & Ryan M. Thomas, MD

24.01. * SUS-ESSR Brendel Prize Winner: Induction of Persistent Tolerance of Lung Transplants by IL-2 complex-stimulated Regulatory T Cells. W. Jungraithmayr^{1,2}, Y. Yamada³, D. Impellizzeri², J. Jang³, I. Inci³, O. Boyman², W. Weder³ ¹Brandenburg Medical School, Department of Thoracic Surgery, Neuruppin, BRANDENBURG, Germany ²University Hospital Zurich, Department of Immunology, Zurich, Zurich, Switzerland ³University Hospital Zurich, Department of Thoracic Surgery, Zurich, Zurich, Switzerland

24.02. Active K-RAS Mutant Gene detected in Pancreatic Juice from Patients with Peri-Ampullary Neoplasms. J. A. Reza¹, S. Litherland², X. Zhu⁵, P. Veldhuis⁴, A. J. Almodovar⁶, N. Fanaian³, J. P. Arnoletti^{1,2,4} ¹Florida Hospital, Center for Specialized Surgery, Orlando, FLORIDA, USA ²Florida Hospital Cancer Institute, Translational Research, Orlando, FLORIDA, USA ³Florida Hospital, Center for Diagnostic Pathology, Orlando, FLORIDA, USA ⁴Florida Hospital, Institute for Surgical Advancement, Orlando, FLORIDA, USA ⁵Florida Hospital, Center for Interventional Endoscopy, Orlando, FLORIDA, USA ⁶Florida Hospital, Translational Research Core, Orlando, FLORIDA, USA

24.03. IL-1 Signaling Induces Stemness To Mediate Chemoresistance in Pancreatic Ductal Adenocarcinoma. A. R. Dosch¹, C. Roberts¹, M. VanSaun¹, S. Banerjee¹, P. Lamichhane¹, A. Gaidarski¹, N. Nagathihalli¹, D. Dai¹, F. Messaggio¹, N. B. Merchant¹ ¹University of Miami, Department of Surgical Oncology, Miami, FL, USA

24.04. Adenosquamous Carcinoma of the Pancreas: A Translational Approach. M. C. Hernandez¹, J. Leiting¹, L. Yang², J. R. Bergquist¹, M. J. Truty¹ ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Center for Individualized Medicine, Biomarker Discovery Program, Rochester, MN, USA

24.05. Pancreas-Specific Arid1a Deletion Induces Intraductal Papillary Mucinous Neoplasms in Mice. I. Nassour^{1,2}, X. Sun¹, S. Zhang¹, X. Luo¹, L. H. Nguyen¹, L. Li¹, L. Peng³, J. Shen⁴, H. Zhu¹, S. Wang^{1,2} ¹University of Texas Southwestern Medical Center, Children's Research Institute, Dallas, TX, USA ²University of Texas Southwestern Medical Center, Division of Surgical Oncology, Dallas, TX, USA ³University of Texas Southwestern Medical Center, Department of Pathology, Dallas, TX, USA ⁴Stanford University, Department of Pathology, Palo Alto, CA, USA

24.06. Human Hepatocyte Transplantation Corrects the Metabolic Liver Disorder Arginase Deficiency. S. Angarita¹, B. Truong¹, M. Lin¹, S. Khoja¹, A. Lam¹, S. Duarte¹, G. S. Lipshutz¹ ¹David Geffen School of Medicine, Surgery, Los Angeles, CALIFORNIA, USA

24.07. Supplemental Estrogen Mitigates Liver Ischemia/Reperfusion Injury in Male and Female Mice. S. J. Concors^{1,3}, D. R. Murken¹, D. D. Aufhauser¹, Z. Wang¹, G. Ge¹, W. W. Hancock^{2,4}, M. H. Levine^{1,3} ¹Hospital of the University of Pennsylvania, Surgery, Philadelphia, PA, USA ²Hospital of the University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA ³Children's Hospital of Philadelphia, Surgery, Philadelphia, PA, USA ⁴Children's Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA

24.08. Mesenchymal Stem Cell Secretome Improves Donor Heart Function Following Ex-vivo Cold Storage. M. Wang¹, Q. Li¹, Y. Yang¹, L. Yan¹, M. Turrentine¹, I. Wang¹ ¹Indiana University School of Medicine, Cardiothoracic/Surgery, Indianapolis, IN, USA

24.09. Pioglitazone Reduces Hepatocarcinogenesis in a Rodent Model of Cirrhosis. S. Li¹, S. Ghosal¹, G. Arora¹, D. J. Erstad¹, M. Lanuti², K. K. Tanabe¹, B. Fuchs¹ ¹Massachusetts General Hospital, Surgical Oncology, Boston, MA, USA ²Massachusetts General Hospital, Thoracic Surgery, Boston, MA, USA

24.10. Histone Deacetylase Inhibition Mitigates Ischemia/Reperfusion & Acetaminophen-Induced Liver Injury. S. J. Concors^{1,3}, D. R. Murken¹, D. D. Aufhauser¹, Z. Wang¹, G. Ge¹, W. W. Hancock^{2,4}, M. H. Levine^{1,3} ¹University of Pennsylvania, Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA ³Children's Hospital of Philadelphia, Surgery, Philadelphia, PA, USA ⁴Children's Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

25. BASIC SCIENCE: CARDIOTHORACIC AND VASCULAR ORAL SESSION

CITY TERRACE 7

MODERATORS: Scott A. LeMaire, MD & Christopher L. Skelly, MD

25.01. *SUS-SARS Patey Prize Winner: Human Venous Valve Disease Caused By Mutations In FOXC2 And GJC2 O. Lyons¹, P. Saha¹, C. Seet¹, A. Kuchta², A. Arnold², S. Grover⁴, V. Rashbrook¹, A. Sabine⁵, G. Vizcay-Barrena³, A. Patel¹, F. Ludwinski¹, S. Padayachee², T. Kume⁶, B. Kwak⁷, G. Brice⁸, S. Mansour⁹, P. Ostergaard⁹, P. Mortimer⁹, S. Jeffery⁹, N. Brown¹⁰, T. Makinen¹¹, T. Petrova⁵, B. Modarai¹, A. Smith¹ ¹King's College London, Academic Department Of Surgery, Cardiovascular Division, BHF Centre Of Research Excellence, London, LONDON, United Kingdom ²Guy's & St Thomas' NHS Foundation Trust, Ultrasonic Angiology, London, LONDON, United Kingdom ³King's College London, Centre For Ultrastructural Imaging, London, LONDON, United Kingdom ⁴Division Of Hemostasis And Thrombosis, Beth Israel Deaconess Medical Centre, Boston, MA, USA ⁵Ludwig Institute For Cancer Research And Division Of Experimental Pathology, Department Of Fundamental Oncology, Centre Hospitalier Universitaire Vaudois And University Of Lausanne, Epalinges, Switzerland, Lausanne, LAUSANNE, Switzerland ⁶Feinberg Cardiovascular Research Institute, Northwestern University School Of Medicine, Evanston, IL, USA ⁷Department Of Pathology And Immunology, University Of Geneva, Geneva, GENEVA, Switzerland ⁸South West Thames Regional Genetics Service, St George's Hospital, London, LONDON, United Kingdom ⁹Cardiovascular And

Cell Sciences Institute, St George's Hospital, London, LONDON, United Kingdom ¹⁰Institute Of Medical And Biomedical Education, St George's Hospital, London, LONDON, United Kingdom ¹¹Rudbeck Laboratory, Department Of Immunology, Genetics And Pathology, Uppsala University, Uppsala, UPPSALA, Sweden

25.02. Pre-Operative Protein/Methionine Restriction Attenuates the Surgical Response to Injury. K. Trocha^{1,2,3}, P. Kip^{1,3}, M. MacArthur², M. Tao¹, J. R. Mitchell², K. Ozaki¹ ¹Brigham and Women's Hospital, Vascular Surgery, Boston, MA, USA ²Harvard School of Public Health, Genetics & Complex Diseases, Boston, MA, USA ³Leiden University Medical Center, Surgery, Leiden, Netherlands

25.03. Flomax® (Tamsulosin) Attenuates Abdominal Aortic Aneurysm Growth. W. Montgomery¹, M. Spinoso¹, J. Cullen¹, M. Salmon¹, G. Su¹, T. Hassinger¹, A. Sharma¹, G. Lu¹, A. Fashandi¹, G. Ailawadi¹, G. R. Upchurch¹ ¹University of Virginia, Surgery, Charlottesville, VA, USA

25.04. NGF Upregulation by Diazoxide and Erythropoietin treatment attenuates Spinal Cord Ischemic Injury. K. Yamanaka¹, M. Eldeiry¹, M. Aftab¹, J. Mares¹, X. Meng¹, M. J. Weyant¹, J. C. Cleveland¹, D. A. Fullerton¹, T. B. Reece¹ ¹University of Colorado, the Department of Surgery, Division of Cardiothoracic Surgery, Aurora, COLORADO, USA

25.05. TGF -1 is Differentially Expressed in Adult and Fetal Hearts After Myocardial Infarction. M. M. Hodges¹, C. Zgheib¹, J. Xu¹, L. C. Dewberry¹, S. A. Hilton¹, J. Hu¹, K. W. Liechty¹ ¹University of Colorado-Denver, Anschutz Medical Campus, Department of General Surgery, Laboratory for Fetal and Regenerative Biology, Aurora, COLORADO, USA

25.06. Systemic Delivery of Stem Cells to Atherosclerotic Lesions using Novel Nanocarrier in ApoE^{-/-} Mice. Z. Liu¹, M. M. Regueiro¹, L. Zhang¹, Y. Li¹, S. Joel², G. S. O'Connor², S. Deo², S. Daunert², O. C. Velazquez¹ ¹University of Miami, Department of Surgery, School of Medicine, Miami, FL, USA ²University of Miami, Department of Biochemistry & Molecular Biology, School of Medicine, Miami, FL, USA

25.07. Platelet Reactivity in Chronic Venous Insufficiency Patients Locally Enhanced in Incompetent Veins. Z. Z. Young¹, D. Mix¹, S. Toth¹, R. Schmidt¹, J. Ellis¹, R. Glocker¹, A. Doyle¹, K. Raman¹, M. Stoner¹, S. Cameron¹ ¹University of Rochester Medical Center - Strong Memorial Hospital, Division of Vascular Surgery, Rochester, NY, USA

25.08. Regulation of Neointimal Hyperplasia by the Short Chain Fatty Acid Butyrate. M. Nooromid¹, L. Xiong¹, K. Wun¹, T. Jiang¹, E. Chen¹, O. Eskandari¹, K. J. Ho¹ ¹Northwestern University, Surgery, Chicago, IL, USA

25.09. Palmitate Regulates JMJD3 Epigenetic Alterations in Diabetic Macrophages. F. M. Davis¹, A. Kimball¹, A. Joshi¹, A. Boniakowski¹, S. Kunkel², K. Gallagher¹ ²University of Michigan, Pathology, Ann Arbor, MI, USA ¹University of Michigan, Surgery, Ann Arbor, MI, USA

25.10. Thrombospondin Induced Protein Expression Correlates with Gene Expression Linked to Arterial Disease. M. M. Kassem^{1,2}, D. Brusch^{1,2}, K. G. Maier^{1,2}, V. Gahtan^{1,2} ¹State University of New York Upstate Medical University, Vascular and Endovascular Services, Syracuse, NY, USA ²Syracuse VA Medical Center, Syracuse, NY, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I**26. CLINICAL/OUTCOMES: ONCOLOGY - MELANOMA AND SARCOMA ORAL SESSION**

CITY TERRACE 8

MODERATORS: Jeremiah L. Deneve, DO & Giorgos C. Karakousis, MD

26.02. Tumor Mitotic Rate: A Strong, Independent Predictor of Survival for Localized Melanoma. J. L. Evans¹, R. J. Vidri^{1,2}, D. C. MacGillivray¹, T. L. Fitzgerald¹ ¹Tufts University School of Medicine - Maine Medical Center, Surgery, Portland, ME, USA ²St. Mary's Regional Medical Center, Surgery, Lewiston, ME, USA

26.03. A Multi-institutional Analysis of Elderly Patients Undergoing Resection for Retroperitoneal Sarcomas. K. H. Wilkinson¹, C. G. Ethun², M. Hembrook¹, M. Bedi⁵, J. Charlson⁴, H. Mogal¹, K. K. Christians¹, T. B. Tran³, G. Poultsides³, V. Grignol⁶, J. H. Howard⁶, J. Tseng⁷, K. K. Roggin⁷, K. Chouliaras⁸, K. Votanopoulos⁸, D. Cullinan⁹, R. C. Fields⁹, S. Weber¹⁰, T. C. Gambelin⁴, K. Cardona², C. N. Clarke¹ ¹Medical College of Wisconsin, Division of Surgical Oncology, Milwaukee, WI, USA ²Winship Cancer Institute, Emory University, Department of Surgery, Atlanta, GA, USA ³Stanford University, Department of Surgery, Palo Alto, CA, USA ⁴Medical College of Wisconsin, Department of Medical Oncology, Milwaukee, WI, USA ⁵Medical College of Wisconsin, Department of Radiation Oncology, Milwaukee, WI, USA ⁶The Ohio State University, Department of Surgery, Columbus, OH, USA ⁷University of Chicago, Department of Surgery, Chicago, IL, USA ⁸Wake Forest University, Department of Surgery, Winston-Salem, NC, USA ⁹Washington University, Department of Surgery, St. Louis, MO, USA ¹⁰University of Wisconsin, Department of Surgery, Madison, WI, USA

26.04. the Prognostic Significance of Tumor-Infiltrating Lymphocytes for Primary Melanoma Varies by Gender. A. J. Sinnamon¹, C. E. Sharon¹, Y. Song¹, M. G. Neuwirth¹, D. E. Elder², X. Xu², D. L. Fraker¹, P. A. Gimotty³, G. C. Karakousis¹ ¹Hospital of the University of Pennsylvania, Endocrine and Oncologic Surgery, Philadelphia, PA, USA ²Hospital of the University of Pennsylvania, Pathology, Philadelphia, PA, USA ³University of Pennsylvania, Biostatistics, Epidemiology and Informatics, Philadelphia, PA, USA

26.05. Perioperative Chemotherapy Use for High Grade Truncal Sarcomas May Not Improve Survival. P. Y. Yu¹, E. W. Beal¹, L. Suarez-Kelly¹, R. Shelby¹, T. M. Hughes¹, C. G. Ethun², T. B. Tran³, G. Poultsides³, J. Charlson⁴, T. C. Gambelin⁴, J. Tseng⁵, K. K. Roggin⁵, K. Chouliaras⁶, K. Votanopoulos⁶, B. A. Krasnick⁷, R. C. Fields⁷, R. E. Pollock¹, V. Grignol¹, K. Cardona², J. H. Howard¹ ¹Ohio State University, Columbus, OH, USA ²Emory University School of Medicine, Atlanta, GA, USA ³Stanford University, Palo Alto, CA, USA ⁴Medical College of Wisconsin, Milwaukee, WI, USA ⁵University of Chicago, Chicago, IL, USA ⁶Wake Forest University School of Medicine, Winston-Salem, NC, USA ⁷Washington University, St. Louis, MO, USA

26.06. Preoperative Immunonutrition for Axillary or Inguinal Lymphadenectomy: Tolerability and Outcomes. D. B. Porter¹, K. M. McMasters¹, C. R. Scoggins¹, R. C. Martin¹, M. E. Egger¹, P. Philips¹ ¹University of Louisville, Louisville, KY, USA

26.07. Exon Mutational Analysis for GIST: Dissemination and Impact on Treatment. A. J. Bartholomew¹, H. Dohnalek¹, P. Prins², H. S. Quadri³, L. B. Johnson³, N. G. Haddad⁴, J. L. Marshall^{2,5}, W. B. Al-Refaie^{2,3,6,7} ¹Georgetown University Medical Center, School of Medicine, Washington, DC, USA ²Georgetown University Medical Center, Lombardi Comprehensive Cancer Center, Ruesch Center for the Cure of Gastrointestinal Cancers, Washington, DC, USA ³Georgetown University Medical Center, Surgery, Washington, DC, USA ⁴Georgetown University Medical Center, Gastroenterology, Washington, DC, USA ⁵Georgetown University Medical Center, Hematology/Oncology, Washington, DC, USA ⁶MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA ⁷MedStar Health Research Institute, Hyattsville, MD, USA

26.08. Consecutive Case Series of Melanoma Sentinel Node Biopsy for Lymphoseek Compared to Sulfur Colloids. C. Silvestri¹, A. Christopher¹, C. Intenzo², J. Kairys¹, S. Kim², A. Willis¹, A. C. Berger¹ ¹Sidney Kimmel Medical College at Thomas Jefferson University, Surgery, Philadelphia, PA, USA ²Thomas Jefferson University Hospital, Nuclear Medicine/Radiology, Philadelphia, PA, USA

26.09. Non-Home Discharge and Prolonged Length of Stay after Cytoreductive Surgery and HIPEC. D. Burguete¹, A. A. Mokdad², M. M. Augustine², R. Minter², J. C. Mansour², M. A. Choti², P. M. Polanco² ¹University of Texas Southwestern Medical Center, Dallas, TX, USA ²University of Texas Southwestern Medical Center, Division of Surgical Oncology, Dallas, TX, USA

26.10. Molecular Profiling in Patients with Nodular versus Superficial Spreading Melanoma. M. Renzetti¹, I. Solimon¹, K. Loo¹, E. Lamb¹, H. Wu¹, B. Luo¹, H. Liu¹, A. Olszanski¹, S. Movva¹, M. Lango¹, S. Reddy¹, J. Farma¹ ¹Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

27. CLINICAL/OUTCOMES: COLORECTAL ORAL SESSION

CITY TERRACE 9

MODERATORS: Melanie S. Morris, MD & Heather L. Yeo, BSFS, MD

27.01. Impact of Mental Health Diagnoses and Treatment on Outcomes after Colorectal Cancer Surgery. C. G. Ratcliff^{1,4,5}, N. N. Massarweh^{2,5}, S. Sangsri^{5,6}, L. Dindo^{1,5}, H. Yu^{5,6}, D. H. Berger^{2,5,7}, J. A. Cully^{1,5} ¹Baylor College of Medicine, Department of Psychiatry & Behavioral Sciences, Houston, TX, USA ²Baylor College of Medicine, Department of Surgery, Houston, TX, USA ³Sam Houston State University, Department of Psychology, Huntsville, TX, USA ⁴Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA ⁵Baylor College of Medicine, Department of Medicine, Houston, TX, USA ⁶Baylor St. Luke's Medical Center, Houston, TX, USA

27.02. Induction Chemotherapy versus Standard Treatment for Locally Advanced Rectal Cancer. C. Nganzen¹, J. J. Blank¹, F. Ali¹, W. Hall², C. Peterson¹, K. Ludwig¹, T. Ridolfi¹ ²Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA ¹Medical College of Wisconsin, Department of Colorectal Surgery, Milwaukee, WI, USA

27.03. Colorectal Surgical Site Infection Prevention Kits Prior to Elective Colectomy Improves Outcomes. S. E. Deery¹, S. T. McWalters², S. R. Reilly³, H. N. Milch¹, D. W. Rattner¹, E. A. Mort^{3,4}, D. C. Hooper⁵, M. G. Del Carmen^{1,6}, L. G. Bordeianou¹ ¹Massachusetts General Hospital, Colorectal Center, Boston, MA, USA ²Massachusetts General Hospital, Edward P. Lawrence Center for Quality and Safety, Boston, MASSACHUSETTS, USA ³Massachusetts General Hospital, Department of Patient Safety and Quality, Boston, MASSACHUSETTS, USA ⁴Massachusetts General Hospital, Department of General Internal Medicine, Boston, MASSACHUSETTS, USA ⁵Massachusetts General Hospital, Division of Infectious Diseases, Boston, MASSACHUSETTS, USA ⁶Massachusetts General Hospital, Department of Obstetrics and Gynecology, Boston, MASSACHUSETTS, USA

27.04. A Preoperative Prediction Model for Risk of Multiple Admissions after Colon Cancer Surgery. J. H. Fieber¹, C. E. Sharoky¹, K. Collier¹, R. L. Hoffman¹, C. Wirtalla¹, E. C. Paulson¹, G. C. Karakousis¹, R. R. Kelz¹ ¹University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA

27.05. Fecal Microbiota Transplant Protocol Implementation: A Community-Based University Hospital Experience. R. Duarte-Chavez², T. R. Wojda^{1,3}, B. Geme¹, G. Fioravanti², S. P. Stawicki³ ¹St. Luke's University Health Network, Division of Gastroenterology, Bethlehem, PA, USA ²St. Luke's University Health Network, Department of Internal Medicine, Bethlehem, PA, USA ³St. Luke's University Health Network, Department of Surgery, Bethlehem, PA, USA

27.06. Colon Cancer Stages I-III: Why Roam When You Can Resect Near Home?. O. K. Jawitz¹, M. Turner¹, M. Adam¹, C. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Department of Surgery, Durham, NC, USA

27.07. Post-Discharge Opioid Utilization after Colorectal Surgery is Modified by ERAS Pathways. K. E. Hudak¹, L. E. Goss², R. K. Burton³, P. K. Patel¹, E. A. Dasinger², G. D. Kennedy², J. A. Cannon², M. S. Morris², J. S. Richman², D. I. Chu² ¹University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Gastrointestinal Surgery, Birmingham, Alabama, USA ³University of Alabama at Birmingham, School of Public Health, Birmingham, Alabama, USA

27.08. Predictive Value of Leukocyte and Platelet-derived Ratios in Locally Advanced Rectal Adenocarcinoma. W. H. Ward¹, A. C. Esposito², N. Goel¹, K. J. Ruth³, E. R. Sigurdson¹, J. E. Meyer⁵, C. S. Denlinger⁴, J. M. Farma¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA ²Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA ³Fox Chase Cancer Center, Biostatistics and Bioinformatics Facility, Philadelphia, PA, USA ⁴Fox Chase Cancer Center, Department of Hematology/Oncology, Philadelphia, PA, USA ⁵Fox Chase Cancer Center, Department of Radiation Oncology, Philadelphia, PA, USA

27.09. Defining Surgeon Volume Threshold for Improved Outcomes From Minimally Invasive Colectomy. M. A. Adam¹, D. Becerra¹, M. C. Turner¹, C. R. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Department of Surgery, Durham, NC, USA

27.10. Postoperative Morbidity Independently Predicts Cancer-Related Survival in Peritoneal Metastases. H. A. Choudry¹, Y. Shuai², J. F. Pingpank¹, M. P. Holtzman¹, S. S. Ahrendt¹, H. L. Jones¹, L. Ramalingam¹, A. H. Zureikat¹, H. J. Zeh¹, D. L. Bartlett¹ ¹University of Pittsburgh Medical Center, Surgical Oncology, Pittsburgh, PA, USA ²University of Pittsburgh Cancer Institute, Biostatistics Facility, Pittsburgh, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

28. CLINICAL/OUTCOMES: QUALITY OF CARE ORAL SESSION

CITY TERRACE 10

MODERATORS: Vanessa P. Ho, MD, MPH & Ryan P. Merkow, MD

28.01. the Impact of ERAS protocol on Urinary Tract Infections after Free Flap Breast Reconstruction.. B. Sharif-Askary¹, R. Zhao¹, S. Hollenbeck¹ ¹Duke University Medical Center, Division of Plastic and Reconstructive Surgery, Durham, NC, USA

28.02. A Comparison of Operative Approaches in Diverticulitis Requiring Urgent Intervention. C. E. Cauley¹, Z. Fong^{1,2}, D. Chang², H. Kunitake¹, R. Ricciardi¹, L. Bordeianou¹ ¹Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ²Massachusetts General Hospital, Codman Center for Clinical Effectiveness in Surgery, Boston, MA, USA

28.03. Mapping Trauma Outcomes: the Road to Zero Preventable Trauma Deaths. Z. G. Hashmi^{1,2}, M. P. Jarman¹, T. Uribe-Leitz¹, J. W. Scott¹, N. R. Udyavar¹, J. Havens¹, A. Salim¹, A. H. Haider¹ ¹Brigham and Women's Hospital, Boston, MA, USA ²Sinai Hospital of Baltimore, Department of Surgery, Baltimore, MD, USA

28.04. Improvements in Surgical Mortality: the Roles of Complications and Failure to Rescue. B. T. Fry^{1,2}, J. R. Thumma², J. B. Dimick^{2,3} ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ¹University of Michigan, Medical School, Ann Arbor, MI, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

28.05. Inconsistent Benchmarking by Mortality vs Readmission: Implications for Medicare Payment Metrics. C. K. Zogg^{1,2,3}, Z. G. Hashmi³, J. R. Thumma², A. M. Ryan², J. B. Dimick² ¹Yale University School of Medicine, New Haven, CT, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA ³Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA

28.06. Impact of a Continuous Local Anesthetic Pain Ball on Post-operative Pain in Kidney Transplant Recipients. E. M. Betka¹, J. Ortiz², M. Rees², S. Spetz¹, P. Samenuk¹, L. Eitnien¹ ¹University of Toledo Medical Center, Pharmacy, Toledo, OH, USA ²University of Toledo Medical Center, Transplant Surgery, Toledo, OH, USA

28.07. Less Telemetry, Better Outcomes: University Network Implementation of SafetyNet Monitoring System. A. Cipriano¹, C. Roscher², A. Carmona², J. Rowbotham³, S. P. Stawicki¹ ¹St. Luke's University Health Network, Department of Surgery, Bethlehem, PA, USA ²St. Luke's University Health Network, Department of Anesthesiology, Bethlehem, PA, USA ³St. Luke's University Health Network, Quality Resource Department, Bethlehem, PA, USA

28.08. Bowel Preparation with Antibiotics Decreases Surgical-Site Infection for Both Left & Right Colectomy. A. J. Hjelmaas¹, A. Kanters¹, R. Anand¹, J. Cedarbaum¹, Y. Chen¹, L. Ly¹, N. Kamdar¹, D. Campbell¹, S. Hendren¹, S. Regenbogen¹ ¹University of Michigan, Michigan Medicine, Ann Arbor, MI, USA

28.09. Patient-Reported Health Literacy Scores Associated With Readmissions Following Surgery. S. Baker^{1,2}, L. Graham^{1,2}, E. Dasinger^{1,2}, T. Wahl^{1,2}, J. Richman^{1,2}, L. Copeland³, E. Burns⁴, J. Whittle⁴, M. Hawn⁵, M. Morris^{1,2} ¹University of Alabama at Birmingham, Birmingham, AL, USA ²VA Birmingham Healthcare System, Birmingham, AL, USA ³VA Central Western Massachusetts Health Care System, Leeds, MA, USA ⁴Milwaukee VA Medical Center, Milwaukee, WI, USA ⁵VA Palo Alto Healthcare Systems, Palo Alto, CA, USA

28.10. Parathyroidectomy is Underutilized in the Treatment of Primary Hyperparathyroidism in Veterans. E. A. Alore¹, J. W. Suliburk¹, D. J. Ramsey², C. J. Balentine³, K. I. Makris^{1,4} ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ²Michael E. DeBakey Veterans Affairs Medical Center, Health Services Research and Development Center of Innovation, Center for Innovations in Quality, Effectiveness and Safety, Houston, TX, USA ³University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA ⁴Michael E. DeBakey Veterans Affairs Medical Center, Operative Care Line, Division of General Surgery, Houston, TX, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

29. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE - PATIENT OUTCOMES ORAL SESSION

CITY TERRACE 11

MODERATORS: Vanita Ahuja, MD & Matthew J. Martin, BA, BS, MD

29.01. Indicators of Shock In Trauma: Anything Is Better Than Nothing, But Lactate Is Best! A. Jordan¹, W. Terzian¹, T. R. Wojda³, M. S. Cohen², J. Luster⁴, J. Seoane⁴, P. Salen², H. Stankiewicz², E. McCarthy³, S. P. Stawicki^{1,3} ¹St. Luke's University Health Network, Department of Surgery, Bethlehem, PA, USA ²St. Luke's University Health Network, Department of Emergency Medicine, Bethlehem, PA, USA ³St. Luke's University Health Network, Department of Research & Innovation, Bethlehem, PA, USA ⁴Temple University, St. Luke's University Hospital Campus, Bethlehem, PA, USA

29.02. National Evaluation of High Ratio Massive Transfusion in the Trauma Quality Improvement Program. B. R. Stultz¹, D. Milia¹, T. Carver¹, C. Dodgion¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA

29.03. Keeping Your Head: Making the Case for a Hospitalist Neurosurgeon. E. Turner¹, K. A. Hollenbach¹, W. D'Angelo¹, B. Chung¹, J. Rappold¹ ¹Maine Medical Center, Acute Care Surgery/ Surgery/Tufts University School of Medicine, Portland, MAINE, USA

29.04. the Burden and Epidemiology of Gun-related Hospital Admissions In the United States: 2003-2014. S. C. Gale¹, J. Kocik¹, J. S. Murry¹, V. Y. Dombrovskiy¹ ¹East Texas Medical Center, Acute Care Surgery, Tyler, TX, USA

29.05. Alcohol Intoxication and Burn Injury Outcomes: A Propensity Score Analysis. L. T. Knowlin^{1,2}, B. A. Cairns¹, A. G. Charles¹ ¹University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NORTH CAROLINA, USA ²Howard University Hospital, Surgery, Washington, DISTRICT of COLUMBIA, USA

29.06. Nationwide Analysis of Motor Vehicle Collision Readmission and Reinjury. J. Parreco¹, T. L. Zakrison¹, A. D. Badilla¹, R. Rattan¹ ¹University of Miami, Miami, FL, USA

29.07. Trauma Recidivism and Mortality Following Violent Injuries in Young Adults. A. M. Kao¹, K. A. Schlosser¹, M. R. Arnold¹, P. D. Colavita¹, R. F. Sing², T. Prasad¹, A. E. Lincourt¹, B. R. Davis¹, B. T. Heniford¹ ¹Carolinas Medical Center, Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA ²Carolinas Medical Center, Trauma/Critical Care, Charlotte, NC, USA

29.08. Effect of a Dedicated Pain Management Service on Trauma Patients with Rib Fractures. S. A. Bellister¹, R. D. Betzold¹, S. E. Nelson¹, D. P. Stonko¹, R. A. Guyer¹, T. J. Hamilton¹, J. P. Wanderer¹, O. L. Gunter¹, O. D. Guillaumondegui¹, B. M. Dennis¹ ¹Vanderbilt University Medical Center, Division of Trauma and Surgical Critical Care, Nashville, TN, USA

29.09. Isolated Parafalcine Subdural Hematoma: A Clinically Insignificant Finding. B. N. Cragun¹, M. R. Noorbakhsh¹, F. Hite Philp¹, M. F. Dittilo¹, E. R. Suydam¹, A. D. Murdock¹ ¹Allegheny General Hospital, Pittsburgh, PA, USA

29.10. Blunt Cerebrovascular Injury Incidence, Stroke-Rate, and Mortality with the Expanded Denver Criteria. A. Grigorian¹, N. Kabutery¹, S. Schubl¹, M. Dolich¹, V. Joe¹, D. Elfenbein¹, C. De Virgilio², J. Nahmias¹ ¹University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA ²University of California - Los Angeles, Harbor-UCLA Medicine Center, Department of Surgery, Los Angeles, CA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

30. CLINICAL/OUTCOMES: GENERAL SURGERY ORAL SESSION

CITY TERRACE 12

MODERATORS: Peter Muscarella, MD & Hari Nathan, MD, PhD

30.01. Domestic responsibilities for physician mothers across specialties. H. G. Lyu¹, R. E. Scully¹, J. S. Davids², N. Melnitchouk¹ ¹Brigham and Women's Hospital, Surgery, Boston, MA, USA ²University of Massachusetts Medical School, Surgery, Worcester, MA, USA

30.02. Gender Disparities in Retention and Promotion of Academic Surgeons: A Prospective National Cohort. N. Z. Wong¹, J. S. Abelson¹, M. Symer¹, H. L. Yeo^{1,2} ¹Weill Cornell Medicine, Surgery, New York, NY, USA ²Weill Cornell Medicine, Healthcare Policy and Research, New York, NY, USA

30.03. Medicare's HAC Reduction Program Disproportionately Affects Minority-Serving Hospitals. C. K. Zogg^{1,2}, J. R. Thumma², A. M. Ryan², J. B. Dimick² ¹Yale University School of Medicine, New Haven, CT, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

30.04. Geriatric Syndromes Predict the Timing of Early Postoperative Do-Not-Resuscitate (DNR) Orders. M. A. Hornor^{1,2}, R. A. Rosenthal^{1,3,5}, T. N. Robinson^{1,4,6} ¹American College of Surgeons, Chicago, IL, USA ²Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA ³Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ⁴University of Colorado Anschutz Medical Campus, Department of Surgery, Aurora, CO, USA ⁵Veterans Affairs Connecticut Health Care System, New Haven, Connecticut, USA ⁶Veterans Affairs Eastern Colorado Health Care System, Aurora, Colorado, USA

30.05. Influence of English Proficiency on Patient Provider Communication and Shared Decision Making. A. Z. Paredes¹, J. Idrees¹, E. W. Beal¹, Q. Chen¹, E. Cerier¹, V. Okunrintemi¹, G. Olsen¹, S. Sun¹, T. M. Pawlik¹ ¹Ohio State University, General Surgery, Columbus, OH, USA

30.06. MELD Underestimates Morbidity and Mortality in Cirrhotic Patients for General Surgical Procedures. M. Fleming¹, F. Liu^{2,4}, Y. Zhang^{2,3}, K. Pei¹ ¹Yale School of Medicine, Department of Surgery, New Haven, CT, USA ²Yale School of Medicine, Section of Surgical Outcomes and Epidemiology, Department of Surgery, New Haven, CT, USA ³Yale School of Public Health, Department of Environmental Health Sciences, New Haven, CT, USA ⁴Beijing 302 Hospital, Beijing, BEIJING SHI, China

30.07. M&M Combined with Critique Algorithm-Based Database Reliably Evaluates Quality of Surgical Care. A. C. Antonacci¹, S. Dechario¹, J. Nicastro¹, G. Coppa¹, C. Antonacci², M. Jarrett¹ ¹North Shore University and Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA ²Tulane University School of Medicine, New Orleans, LA, USA

30.08. Functional Status vs. Frailty in GI Surgery: Are They Comparable in Predicting Short Term Outcomes? S. Y. Chen¹, M. Stem¹, S. L. Gearhart¹, B. Safar¹, S. H. Fang¹, J. E. Efron¹ ¹Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

30.09. The Economics of Private Practice Versus Academia in Surgery: an Analysis of Sub-Specialization. M. Baimas-George¹, B. Fleischer¹, J. R. Korndorffer¹, D. Slakey¹, C. DuCoin¹ ¹Tulane University School of Medicine, Surgery, New Orleans, LA, USA

30.10. Unnecessary Use of Plain Abdominal Radiographs in Patients of Acute Abdomen. D. Soares¹, K. M. Pal¹ ¹Aga Khan University Medical College, Surgery, Karachi, Sindh, Pakistan

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

31. CLINICAL/OUTCOMES: ONCOLOGY ORAL SESSION

RIVER TERRACE 1

MODERATORS: Carlton C. Barnett, MD & E. Ramsay Camp, MD

31.01. * RACS Surgical Research Society – Young Investigator's Award Recipient: Functional Assessment of TILs in Rectal Cancer. J. C. Kong^{1,2}, G. R. Guerra^{1,2}, R. M. Millen^{1,2}, S. K. Warrior^{1,2}, W. Phillips^{1,2}, A. C. Lynch^{1,2}, R. Ramsay^{1,2}, A. G. Heriot^{1,2} ¹Peter MacCallum Cancer Centre, Division of Cancer Surgery, Melbourne, VIC, Australia ²The University of Melbourne, Sir Peter MacCallum Department Oncology, Melbourne, VIC, Australia

31.02. A Comparison of Colon versus Rectal Adenocarcinoma using Molecular Profiling. J. Purchla¹, W. H. Ward¹, F. Lamberton¹, N. Nweze¹, T. Li², N. Goel¹, S. Reddy¹, E. Sigurdson¹, J. M. Farma¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA ²Fox Chase Cancer Center, Philadelphia, PA, USA

31.03. Neoadjuvant Therapy Response in Esophageal Cancer Predicts Survival vs. Up-Front Esophagectomy. G. S. Chevrol-lier¹, D. Giugliano¹, F. Palazzo¹, E. L. Rosato¹, N. R. Evans¹, A. C. Berger¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

31.04. Clinical Fate of TON1 Esophageal Cancer: Results from the National Cancer Database. C. Takahashi¹, R. Shridhar², A. Patel³, J. Huston⁴, K. Meredith³ ¹Midwestern University, Glendale, AZ, USA ²University of Central Florida, Orlando, FL, USA ³Florida State University, Tallahassee, FL, USA ⁴Sarasota Memorial Hospital, Sarasota, FL, USA

31.05. Total Neoadjuvant Therapy in Pancreatic Cancer. N. Goel¹, A. Nadler¹, W. H. Ward¹, K. J. Ruth¹, A. Karachristos¹, J. P. Hoffman¹, S. S. Reddy¹ ¹Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

31.06. Neutrophil to Lymphocyte Ratio is a Preoperative Risk Factor in Intrahepatic Cholangiocarcinoma. S. Buettner², B. Groot Koerkamp², M. Weiss³, S. Alexandrescu⁴, H. P. Marques⁵, J. Lamelas⁶, L. Aldrighetti⁶, T. Gamblin⁷, S. K. Maithe⁸, C. Pulitano⁹, T. W. Bauer¹⁰, F. Shen¹¹, G. A. Poultsides¹², J. Marsh¹³, J. N. IJzermans², T. M. Pawlik¹ ¹Ohio State University, Columbus, OH, USA ²Erasmus MC University Medical Center, Dept. of Surgery, Rotterdam, ZUID-HOLLAND, Netherlands ³Johns Hopkins University School of Medicine, Baltimore, MD, USA ⁴Fundeni Clinical Institute, Bucharest, ROMANIA, Romania ⁵Curry Cabral Hospital, Lisbon, PORTUGAL, Portugal ⁶Ospedale San Raffaele, Milan, ITALY, Italy ⁷Medical College of Wisconsin, Milwaukee, WI, USA ⁸Emory University School of Medicine, Atlanta, GA, USA ⁹University of Sydney, Sydney, NSW, Australia ¹⁰University of Virginia, Charlottesville, VA, USA ¹¹Eastern Hepatobiliary Surgery Hospital, Shanghai, CHINA, China ¹²Stanford University, Palo Alto, CA, USA ¹³University of Pittsburgh, Pittsburgh, PA, USA

31.07. Obstruction as a risk factor in the staging of colon cancer: a secondary analysis of the N0147 trial. F. S. Dahdaleh¹, S. Sherman¹, A. Benjamin¹, E. Poli¹, K. K. Turaga¹ ¹The University of Chicago Medicine, Section of General Surgery/Surgical Oncology, Chicago, IL, USA

31.08. Online Information on Surgery for Pancreatic Cancer is Often Inadequate for Shared Decision-Making. C. Zhang¹, A. Yang¹, A. Halverson¹ ¹Northwestern University, Chicago, IL, USA

31.09. Adjuvant Chemotherapy after Neoadjuvant Chemoradiation in Esophageal Cancer. C. Takahashi¹, R. Shridhar², A. Patel³, J. Huston⁴, K. Meredith³ ¹Midwestern University, Glendale, AZ, USA ²University of Central Florida, Orlando, FL, USA ³Florida State University, Tallahassee, FL, USA ⁴Sarasota Memorial Hospital, Sarasota, FL, USA

31.10. Patterns of Disease Recurrence Following Neoadjuvant Therapy for Localized Pancreatic Cancer. C. Barnes¹, M. Aldakkak¹, K. Christians¹, C. Clarke¹, P. Ritch², B. George², M. Aburajab⁵, M. Griffin⁴, B. Erickson³, W. Hall³, D. Evans¹, S. Tsai¹ ¹Medical College of Wisconsin, Department of Surgery, Milwaukee, WI, USA ²Medical College of Wisconsin, Department of Hematology and Oncology, Milwaukee, WI, USA ³Medical College of Wisconsin, Department of Radiation Oncology, Milwaukee, WI, USA ⁴Medical College of Wisconsin, Department of Radiology, Milwaukee, WI, USA ⁵Medical College of Wisconsin, Department of Gastroenterology and Hepatology, Milwaukee, WI, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

32. CLINICAL/OUTCOMES: BREAST, ENDOCRINE, CROSS-DISCIPLINARY ORAL SESSION

RIVER TERRACE 2

MODERATORS: Tracy S. Wang, MD, MPH & Tina W. Yen, MS, MD

32.01. * SUS-SRS of SA Scealess-Antrobus Prize Representative: To Activate or Not to Activate? The Controversy Surrounding Tamoxifen Treatment and Thrombosis. T. N. Augustine¹, K. Pather¹, T. Dix-Peek², R. Duarte² ¹University of the Witwatersrand, School of Anatomical Sciences, Faculty of Health Sciences, Johannesburg, SOUTH AFRICA, South Africa ²University of the Witwatersrand, Department of Internal Medicine, School of Clinical Medicine, Faculty of Health Sciences, Johannesburg, SOUTH AFRICA, South Africa

32.03. Operating Room Teams: Does Familiarity Make a Difference? S. Fitzgibbons^{1,2}, S. Kaplan³, X. Lei³, S. Safford⁵, S. Parker⁴ ¹MedStar Georgetown University Hospital, Surgery, Washington, DC, USA ²Georgetown University Medical Center, Washington, DC, USA ³George Mason University, Psychology, Fairfax, VA, USA ⁴Virginia Tech Carilion School of Medicine and Research Institute, Human Factors, Roanoke, VA, USA ⁵Carilion Clinic, Pediatric Surgery, Lynchburg, VA, USA

32.04. Impact of Frailty on Failure to Rescue After Low Risk and High Risk Inpatient Surgery. R. Shah¹, K. Attwood⁶, S. Arya², D. E. Hall³, J. M. Johanning⁵, N. N. Massarweh⁴ ¹Henry Ford Health System, General Surgery, Detroit, MI, USA ²Emory University School of Medicine, Division of Vascular and Endovascular Therapy/ Department of Surgery, Atlanta, GA, USA ³University of Pittsburgh, Center for Health Equity Research and Promotion, Veterans Affairs Pittsburgh Healthcare System, Pittsburgh, PA, USA ⁴Baylor College of Medicine, VA HSR&D Center for Innovations in Quality, Effectiveness and Safety, Michael E DeBakey VA Medical Center, Houston, TX, USA ⁵University of Nebraska College of Medicine, Department of Surgery, Omaha, NE, USA ⁶Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA

32.05. Bariatric Surgery Reduces the Incidence of Estrogen Receptor Positive Breast Cancer. T. Hassinger¹, J. H. Mehaffey¹, R. B. Hawkins¹, B. D. Schirmer¹, P. T. Hallowell¹, A. T. Schroen¹, S. L. Showalter¹ ¹University of Virginia, Department of Surgery, Charlottesville, VA, USA

32.06. Quantifying the Degree of Postoperative Opioid Over-Prescription. D. S. Swords^{1,2}, S. Vijayakumar¹, S. Brimhall¹, B. Ostlund¹, P. Narayanan¹, J. Prochazka¹, D. E. Skarda^{1,2} ¹Intermountain Healthcare, Surgical Services, Salt Lake City, UT, USA ²University of Utah, Surgery, Salt Lake City, UT, USA

32.07. Cost Effectiveness of Immediate Biopsy vs. Surveillance of Intermediate Suspicion Thyroid Nodules. E. J. Kuo¹, J. X. Wu¹, K. A. Zanicco¹ ¹David Geffen School of Medicine, Section of Endocrine Surgery, Los Angeles, CA, USA

32.08. Very Early vs. Early Readmissions in General and Vascular Surgery Patients. L. N. Clark¹, M. C. Helm¹, S. Singh¹, J. C. Gould¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA

32.09. HCAHPS Scores are Influenced by Social Determinants of Health. S. F. Markowiak¹, S. M. Pannell¹, M. J. Adair¹, C. Das¹, W. Qu¹, F. C. Brunnicardi¹, M. M. Nazzari¹ ¹University of Toledo, Department of Surgery, College of Medicine and Life Sciences, Toledo, OHIO, USA

32.10. Routine pre-thyroidectomy laryngoscopy is not necessary in the era of intraoperative neuromonitoring. S. Goare¹, E. Forrest¹, J. Serpell^{1,2}, S. Grodzki^{1,2}, J. C. Lee^{1,2} ¹The Alfred Hospital, Monash University Endocrine Surgery Unit, Melbourne, VICTORIA, Australia ²Monash University, Department of Surgery, Melbourne, VICTORIA, Australia

32.11. Risk Factors of Residual Disease After Partial Mastectomy: A Single Institution Experience. L. M. DeStefano¹, L. Coffua², E. Wilson³, J. Tchou⁴, L. N. Shulman⁵, M. Feldman⁶, A. Brooks⁷, D. Sataloff⁷, C. S. Fisher⁸ ¹Mercy Catholic Medical Center, Department of Surgery, Darby, PA, USA ²Philadelphia College of Osteopathic Medicine, Philadelphia, PA, USA ³Perelman School of Medicine, Philadelphia, PA, USA ⁴Hospital of the University of Pennsylvania, Department of Surgery, Division of Endocrine and Oncologic Surgery, Philadelphia, PA, USA ⁵Hospital of the University of Pennsylvania, Department of Medicine, Division of Hematology and Oncology, Philadelphia, PA, USA ⁶Hospital of the University of Pennsylvania, Department of Pathology and Laboratory Medicine, Division of Surgical Pathology, Philadelphia, PA, USA ⁷Pennsylvania Hospital, Department of Surgery, Division of Endocrine and Oncologic Surgery, Philadelphia, PA, USA ⁸Indiana University School of Medicine, Department of Surgery, Division of Endocrine and Oncologic Surgery, Indianapolis, IN, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

33. CLINICAL/OUTCOMES: OUTCOMES IN URGENT/EMERGENT SURGERY ORAL SESSION

RIVER TERRACE 3

MODERATORS: Weidun A. Guo, MD, PhD & Tolulope A. Oyetunji, MD, MPH

33.01. Use and Outcomes of Abdominal Evacuation in Ruptured Endovascular Aortic Aneurysm Repairs. M. Pherson², J. Richman², A. Beck¹, E. Spangler¹ ¹University of Alabama at Birmingham, Department of Surgery, Division of Vascular Surgery and Endovascular Therapy, Birmingham, AL, USA ²University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

33.02. Safety and Efficacy of Brain Injury Guidelines at a Level III Trauma Center. G. E. Martin¹, C. Carroll², Z. Plummer², D. Millar¹, T. Pritts¹, A. T. Makley¹, B. Joseph³, L. B. Ngwenya², M. D. Goodman¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA ²University of Cincinnati, Neurosurgery, Cincinnati, OH, USA ³University of Arizona, Surgery, Tucson, AZ, USA

33.03. Sarcopenia Predicts Mortality Following Above Knee Amputation for Critical Limb Ischemia. D. Strosberg¹, T. Yoo¹, K. Lecurgo¹, M. J. Haurani¹ ¹Ohio State University, Division of Vascular Surgery / Department of Surgery, Columbus, OH, USA

33.04. Resection for Anal Melanoma: Is There an Optimal Approach? A. T. Hawkins¹, T. Geiger¹, R. Muldoon¹, B. Hopkins¹, M. Ford¹ ¹Vanderbilt University Medical Center, Colon & Rectal Surgery, Nashville, TN, USA

33.05. Underuse of Post-Discharge Venous Thromboembolism Prophylaxis After Abdominal Surgery for Cancer. J. W. McCullough¹, J. Schumacher¹, D. Yang¹, S. Fernandes-Taylor¹, E. Lawson¹ ¹University of Wisconsin, Madison, WI, USA

33.06. Surgeon Annual and Cumulative Volume Variably Predict Outcomes of Complex Hepatobiliary Procedures. M. M. Symer¹, L. Gade³, A. Sedrakyan², H. Yeo^{1,2} ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Weill Cornell Medical College, Health-care Policy, New York, NY, USA ³NewYork-Presbyterian / Queens, Surgery, New York, NY, USA

33.07. Characterizing Surgeon Prescribing Practices and Opioid Use after Outpatient General Surgery. J. R. Imbus¹, J. L. Philip¹, J. S. Danobeitia¹, D. F. Schneider¹, D. Melnick¹ ¹University of Wisconsin, Surgery, Madison, WI, USA

33.08. ED Visits After Joint Arthroplasty: Appropriate Outpatient Care Decreases Utilization. M. A. Chaudhary¹, L. M. Pak¹, D. Sturgeon¹, T. P. Koehlmoos², A. H. Haider¹, A. J. Schoenfeld¹ ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Uniformed Services University of the Health Sciences, Bethesda, MD, USA

33.09. Laparoscopic Cholecystectomy Is Safe Both Day and Night. E. S. Tseng¹, J. Imran¹, J. Byrd¹, I. Nassour¹, S. S. Luk¹, M. Choti¹, M. Cripps¹ ¹University of Texas Southwestern Medical Center, Dallas, TX, USA

33.10. Medical Optimization Prior to Surgery Improves Outcomes but is Underutilized. I. L. Leeds¹, J. K. Canner¹, F. Gani¹, P. M. Meyers¹, E. R. Haut¹, J. E. Efron¹, F. M. Johnston¹ ¹Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

34. CLINICAL/OUTCOMES: PATIENT-CENTER OUTCOMES IN SPECIALTY CARE ORAL SESSION

CONFERENCE CENTER A

MODERATORS: Robert Dabal, MD & Clara N. Lee, MD, MPP

34.01. * Taiwan Surgical Association visitor: Impact of Functional PET Imaging on the Surgical Treatment of Neuroblastoma. W. Hsu¹, W. Hsu¹ ¹National Taiwan University Hospital, Division of Pediatric Surgery, Department of Surgery, Taipei, Taiwan

34.02. Rate of Secondary Interventions After Open Versus Endovascular AAA Repair. H. Krishnamoorthi^{1,3}, H. Jeon-Slaughter^{2,4}, A. Wall¹, S. Banerjee^{2,4}, B. Ramanan^{1,3}, C. Timaran^{1,3}, J. G. Modrall^{1,3}, S. Tsai^{1,3} ¹VA North Texas Health Care System, Vascular Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Cardiology, Dallas, TX, USA ³University of Texas Southwestern Medical Center, Vascular Surgery, Dallas, TX, USA ⁴University of Texas Southwestern Medical Center, Cardiology, Dallas, TX, USA

34.03. Trends in Opioid Prescribing From Open and Minimally Invasive Thoracic Surgery Patients 2008-2014. K. A. Robinson¹, J. D. Phillips², D. Agniel³, I. Kohane³, N. Palmer³, G. A. Brat^{1,3} ¹Beth Israel Deaconess Medical Center, Surgery, Boston, MA, USA ²Dartmouth-Hitchcock, Thoracic Surgery, Lebanon, NH, USA ³Harvard Medical School, Biomedical Informatics, Boston, MA, USA

34.04. Hemodialysis Predicts Poor Outcomes after Infrapopliteal Endovascular Revascularization. C. W. Hicks¹, J. K. Canner², K. Kirkland², M. B. Malas¹, J. H. Black¹, C. J. Abularrage¹ ¹Johns Hopkins University School of Medicine, Division of Vascular Surgery, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Center for Surgical Trials and Outcomes Research, Baltimore, MD, USA

34.05. Cognitive Impairment and Graft Loss in Kidney Transplant Recipients. J. M. Ruck¹, A. G. Thomas¹, A. A. Shaffer^{1,2}, C. E. Haugen¹, H. Ying¹, F. Warsame¹, N. Chu², M. C. Carlson^{3,4}, A. L. Gross^{2,4}, S. P. Norman⁵, D. L. Segev^{1,2}, M. McAdams-DeMarco^{1,2} ¹Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA ²Johns Hopkins School of Public Health, Department of Epidemiology, Baltimore, MD, USA ³Johns Hopkins School of Public Health, Department of Mental Health, Baltimore, MD, USA ⁴Johns Hopkins University Center On Aging and Health, Baltimore, MD, USA ⁵University of Michigan, Department of Internal Medicine, Division of Nephrology, Ann Arbor, MI, USA

34.06. Lymph Node Ratio Does Not Predict Survival after Surgery for Stage-2 (N1) Lung Cancer in SEER. D. T. Nguyen², J. P. Fontaine^{1,2}, L. Robinson^{1,2}, R. Keenan^{1,2}, E. Toloza^{1,2} ¹Moffitt Cancer Center, Department of Thoracic Oncology, Tampa, FL, USA ²University of South Florida Health Morsani College of Medicine, Tampa, FL, USA

34.07. Comparison of Premature Death from Firearms versus Motor Vehicles in Pediatric Patients.. J. D. Oestreicher^{1,2}, W. Krief^{1,2}, N. Christopherson^{3,6}, C. J. Crilly⁵, L. Rosen⁴, F. Bullaro^{1,2} ¹Steven and Alexandra Cohen Children's Medical Center, Pediatric Emergency Medicine, New Hyde Park, NY, USA ²Hofstra Northwell School of Medicine, Pediatrics, Hempstead, NY, USA ³Northwell Health Trauma Institute, Manhasset, NY, USA ⁴Feinstein Institute for Medical Research, Biostatistics, Manhasset, NY, USA ⁵Hofstra Northwell School of Medicine, Hempstead, NY, USA ⁶Steven and Alexandra Cohen Children's Medical Center, New Hyde Park, NY, USA

34.08. Prolonged Post-Discharge Opioid Use After Liver Transplantation. D. C. Cron¹, H. Hu¹, J. S. Lee¹, C. M. Brummett², J. F. Waljee¹, M. J. Englesbe¹, C. J. Sonnenday¹ ²University of Michigan Medical School, Anesthesiology, Ann Arbor, MI, USA ¹University of Michigan Medical School, Surgery, Ann Arbor, MI, USA

34.09. Variations in Demographics and Outcomes for Extracorporeal Membrane Oxygenation in the US: 2008-2014. K. L. Bailey¹, Y. Seo¹, E. Aguayo¹, V. Dobaria¹, Y. Sanaiha¹, R. J. Shemin¹, P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Division of Cardiac Surgery, Los Angeles, CA, USA

34.10. Non-invasive Fibrosis Marker Impacts the Mortality after Hepatectomy for Hepatoma among US Veterans. F. B. Maegawa^{1,2}, L. Shehorn³, J. B. Kettelle^{1,2}, T. S. Riall² ¹Southern Arizona VA Health Care System, Department of Surgery, Tucson, AZ, USA ²University of Arizona, Department of Surgery, Tucson, AZ, USA ³Southern Arizona VA Health Care System, Department of Nursing, Tucson, AZ, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

35. CLINICAL/OUTCOMES: CLINICAL TRIALS AND SURGICAL INNOVATION ORAL SESSION

CLEARWATER

MODERATORS: Rajesh Aggarwal, MBBS, MA, PhD, FRCS & Dawn M. Coleman, MD, BS

35.01. * SUS-JSS Abstract Winner: Triple-drug Therapy to Prevent Pancreas Fistula for the Patients with a High Drain Amylase Level. T. Adachi¹, S. Ono¹, T. Adachi¹, M. Yamashita¹, T. Hara¹, A. Soyama¹, M. Hidaka¹, K. Kanetaka¹, M. Takatsuki¹, S. Eguchi¹ ¹Nagasaki University, Department of Surgery, Nagasaki, Japan

35.02. Quantitative Measure of Intestinal Permeability Correlates with Sepsis. S. A. Angarita², T. A. Russell², P. Ruchala³, S. Duarte², I. A. Elliott², J. P. Whitelegge³, A. Zarrinpar¹ ¹University of Florida, Surgery, Gainesville, FL, USA ²University of California - Los Angeles, Surgery, Los Angeles, CA, USA ³University of California - Los Angeles, Pasarow Mass Spectrometry Laboratory, Los Angeles, CA, USA

35.03. Impact of Hospital Volume on Outcomes of Laparoscopic versus Open Hepatectomy for Liver Cancer. S. W. De Geus¹, G. G. Kasumova¹, T. E. Sachs¹, O. Akintorin¹, S. Ng¹, D. McAneny¹, J. F. Tseng¹ ¹Boston University, Surgery, Boston, MA, USA

35.04. Adequacy of Daily Enoxaparin After Colorectal Surgery: An Examination of Anti-Factor Xa Levels. C. J. Pannucci¹, K. I. Fleming¹, A. Prazak², C. Bertolaccini², B. Pickron³ ¹University of Utah, Division of Plastic Surgery, Salt Lake City, UT, USA ²University of Utah, Department of Pharmacy, Salt Lake City, UT, USA ³University of Utah, Department of Surgery, Salt Lake City, UT, USA

35.05. Discontinuation of Surgical vs Non-Surgical Clinical Trials: An Analysis of 88,498 Trials. T. J. Mouw¹, S. W. Hong¹, S. Sarwar¹, A. E. Fondaw², A. Walling³, M. Al-Kasspooles¹, P. J. DiPasco¹ ¹University of Kansas Medical Center, General Surgery, Kansas City, KS, USA ²University of Kansas School of Medicine - Kansas City, Kansas City, KS, USA ³University of Kansas School of Medicine - Wichita, Family and Community Medicine, Wichita, KS, USA

35.06. IS CERVICAL MAGNETIC RESONANCE IMAGING for CERVICAL SPINE CLEARANCE JUSTIFIED AFTER NEGATIVE CT? R. Kang¹, C. Ingersol¹, K. Herzing¹, A. P. Ekeh¹ ¹Wright State University, Surgery, Dayton, OH, USA

35.07. Comparable Outcomes after Liver Transplantation with and without Chronic Portal Vein Thrombosis. K. Phelan¹, C. Kubal¹, J. Fridell¹, R. Mangus¹ ¹Department of Surgery, Division of Transplantation, Indianapolis, IN, USA

35.08. Clinical Impact of Genetic Alterations According to Primary Tumor Sidedness in Colorectal Cancer. Y. Shimada¹, Y. Tajima¹, M. Nagahashi¹, H. Ichikawa¹, M. Nakano¹, H. Kameyama¹, J. Sakata¹, T. Kobayashi¹, Y. Takii², S. Okuda³, K. Takabe^{4,5}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan ²Niigata Cancer Center Hospital, Department of Surgery, Niigata, Japan ³Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata, Japan ⁴Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA ⁵University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Department of Surgery, Buffalo, NY, USA

35.09. the Significance of Laparoscopic Bursectomy Via an Outside Bursa Omentalis Approach in Gastric Cancer. L. Zou¹, B. Zheng¹, L. Zou¹ ¹Guangdong Provincial Hospital of Chinese Medicine, Department of Gastrointestinal Surgery, Guangzhou, GUANGDONG, China

35.10. Isolated Blunt Traumatic Brain Injury is Associated with Fibrinolysis Shutdown. J. Samuels¹, E. Moore², A. Banerjee¹, C. Silliman³, J. Coleman¹, G. Stettler¹, G. Nunns¹, A. Sauaia¹ ¹University of Colorado Denver, Department of General Surgery, Aurora, CO, USA ²Denver Health Medical Center, Department of Surgery, Aurora, CO, USA ³Children's Hospital Colorado, Pediatrics-Heme Onc and Bone Marrow Transplantation, Aurora, CO, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

36. CLINICAL/OUTCOMES: HEALTH POLICY/PATIENT SAFETY ORAL SESSION

ST. JOHNS

MODERATORS: Thomas K. Varghese, MD & Ben L. Zarzaur, MD

36.01. Opioid Prescribing Habits of Pediatric Versus General Surgeons Following Laparoscopic Appendectomy. M. R. Freedman-Weiss¹, A. S. Chiu¹, S. L. Ahle¹, R. A. Cowles¹, D. E. Ozgediz¹, E. R. Christison-Lagay¹, D. G. Solomon¹, M. G. Caty¹, D. H. Stitelman¹ ¹Yale University School of Medicine, Department of Surgery, Section of Pediatric Surgery, New Haven, CT, USA

36.02. WHO Surgical Safety Checklist Modification: Do Changes Emphasize Communication and Teamwork? I. Solsky¹, J. Lagoo¹, W. Berry^{1,2}, J. Baugh³, L. A. Edmondson¹, S. Singer², A. B. Haynes^{1,4,5} ¹Ariadne Labs, Boston, MA, USA ²Harvard School of Public Health, Department of Health Policy and Management, Boston, MA, USA ³University of California - Los Angeles, Department of Emergency Medicine, Los Angeles, CA, USA ⁴Harvard School of Medicine, Surgery, Brookline, MA, USA ⁵Massachusetts General Hospital, Department of Surgery, Boston, MA, USA

36.03. Crash Telemetry-Based Injury Severity Prediction Outperforms First Responders in Field Triage. K. He¹, P. Zhang^{1,2}, S. C. Wang^{1,2} ²International Center of Automotive Medicine, Ann Arbor, MI, USA ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA

36.04. Surgical Procedures in Health Professional Shortage Areas: Impact of a Surgeon Incentive Payment Plan. A. Diaz¹, E. Schneider¹, J. Cloyd¹, T. M. Pawlik¹ ¹Ohio State University, Columbus, OH, USA

36.05. An Analysis of Preoperative Weight Loss and Risk in Bariatric Surgery. L. Owei¹, S. Torres Landa¹, C. Tewksbury¹, V. Zoghbi¹, J. H. Fieber¹, O. E. Pickett-Blakely¹, D. T. Dempsey¹, N. N. Williams¹, K. R. Dumon¹ ¹Hospital of the University of Pennsylvania, Gastrointestinal Surgery, Philadelphia, PA, USA

36.06. Practices and Barriers Regarding Transitions of Care for Postoperative Opioid Prescribing. M. P. Klueh¹, J. S. Lee¹, K. R. Sloss¹, L. A. Dossett¹, M. J. Englesbe¹, C. M. Brummett², J. F. Waljee¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

36.07. ED Utilization as a Comprehensive Healthcare Metric after Lumbar Spine Surgery. L. M. Pak¹, M. A. Chaudhary¹, N. K. Kwon¹, T. P. Koehlmoo², A. H. Haider¹, A. J. Schoenfeld¹ ²Uniformed Services University of the Health Sciences, Department of Preventive Medicine, Bethesda, MD, USA ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA

36.08. Development & Usage of a Computerized Simulation Model to Improve Operating Room Efficiency. L. H. Stevens^{1,2}, N. Walke², J. Hobbs², T. Bell¹, K. Boustany², B. Zarzaur¹ ¹IU School of Medicine, General Surgery, Indianapolis, IN, USA ²IU Health, Perioperative Services, Indianapolis, IN, USA

36.09. Opioid Prescribing vs. Consumption in Patients Undergoing Hiatal Hernia Repair. A. A. Mazurek¹, A. A. Brescia¹, R. Howard¹, A. Schwartz¹, K. Sloss¹, A. Chang¹, P. Carrott¹, J. Lin¹, W. Lynch¹, M. Orringer¹, R. Reddy¹, P. Lagisetty², J. Waljee¹, M. Englesbe¹, C. Brummett¹, K. Lagisetty¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²Ann Arbor VA, Division of General Internal Medicine and Center for Clinical Management and Research, Ann Arbor, MI, USA

36.10. Trends in Postoperative Opioid Prescription Size: 2010 - 2014. J. Hur¹, J. S. Lee¹, H. M. Hu¹, M. P. Klueh¹, R. A. Howard¹, J. V. Vu¹, C. M. Harbaugh¹, C. M. Brummett², M. J. Englesbe¹, J. F. Waljee¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I

37. CLINICAL/OUTCOMES: VASCULAR ORAL SESSION

MATHEWS

MODERATORS: Eugene S. Lee, MD, PhD & Takao Ohki, MD, PhD

37.01. the Mortality for Surgical Repair is Lower than Ligation in Patients with Portal Vein Injury. J. Sabat¹, T. Tan², B. Hoang², P. Hsu², Q. Chu³ ¹Banner University Medical Center/ University of Arizona, Tucson, AZ, USA ²University of Arizona, Tucson, AZ, USA ³Louisiana State University Health Sciences Center, New Orleans, LA, USA

37.02. Impact of Glucose Control and Regimen on Limb Salvage in Patients Undergoing Vascular Intervention. J. L. Moore¹, Z. Novak¹, M. Patterson¹, M. Passman¹, E. Spangler¹, A. W. Beck¹, B. J. Pearce¹ ¹University of Alabama at Birmingham, Division of Vascular Surgery and Endovascular Therapy, Birmingham, Alabama, USA

37.03. Predictors of Serious Morbidity and Mortality Following Endovascular Repair of Aortoiliac Lesions. A. Thomas¹, I. Leitman¹ ¹Mount Sinai School of Medicine, New York, NY, USA

37.04. Results of Non-operative Management of Acute Limb Ischemia in Infants. S. Wang¹, A. R. Gutwein¹, N. A. Drucker¹, R. L. Motaganahalli¹, M. C. Dalsing¹, B. W. Gray¹, M. P. Murphy¹, G. W. Lemmon¹ ¹Indiana University School of Medicine, Indianapolis, IN, USA

37.05. Four Extremity Venous Duplex Ultrasonography for Suspected Deep Venous Thrombosis: An Anachronism. T. Yoo¹, R. Aggarwal¹, S. Brathwaite¹, B. Satiani¹, M. J. Haurani¹ ¹Ohio State University, Vascular/Surgery, Columbus, OH, USA

37.06. Racial and Gender Disparity in Aortoiliac Disease Revascularization Procedures. W. Alshwaily¹, B. Nejim¹, H. Dakour Aridi¹, M. Rizwan¹, S. Loach¹, M. Malas¹ ¹Johns Hopkins University School of Medicine, Vascular Surgery/General Surgery, Baltimore, MD, USA

37.07. Risk Factors for Revision Following Lower Extremity Amputations. M. T. Cain¹, M. Wohlaue¹, P. Rossi¹, B. Lewis¹, K. Brown¹, G. Seabrook¹, C. J. Lee¹ ¹Medical College of Wisconsin, Division of Vascular Surgery, Milwaukee, WI, USA

37.08. Ligation and Repair are associated with Similar Outcomes in Superior Mesenteric Vein Injury. T. Tan¹, J. Sabat¹, P. Hsu¹, N. Samra², Q. Chu² ¹University of Arizona, Tucson, AZ, USA ²Louisiana State University Health Sciences Center, New Orleans, LA, USA

37.09. Treatment Outcomes of Manual Lymphatic Drainage in Pediatric Lymphedema Patients. K. Ali¹, C. Dougherty², R. Maricevich^{1,2}, I. Iacobas^{1,2} ¹Baylor College of Medicine, Houston, TX, USA ²Texas Children's Hospital, Houston, TX, USA

37.10. Overweight Patients with Chronic Mesenteric Ischemia Require More Diagnostic Studies. C. W. Elliott¹, J. Cullen², J. Mehaffey², W. Robinson², K. J. Cherry², M. C. Tracci², G. R. Upchurch² ¹University of Virginia, School of Medicine, Charlottesville, VIRGINIA, USA ²University of Virginia, Department of Surgery, Charlottesville, VIRGINIA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I**38. EDUCATION: WELLNESS ORAL SESSION**

HART

MODERATORS: Rana M. Higgins, MD & Esme le Grange, MD**38.01. Are General Surgery Residents Being Coerced to Exceed Duty Hour Limits? A FIRST Trial Analysis.** E. Blay¹, K. E.Engelhardt¹, B. Hewitt¹, C. Quinn¹, A. R. Dahlke¹, A. D. Yang¹, K. Y. Bilimoria¹ ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA**38.02. Gender Differences in Residency: Duty Hour Utilization, Burnout and Psychological Wellbeing.** A. R. Dahlke¹, J. K.Johnson^{1,3}, C. C. Greenberg⁴, R. Love¹, L. Kreutzer¹, D. B. Hewitt^{1,5}, C. M. Quinn¹, K. Engelhardt^{1,6}, K. Y. Bilimoria^{1,2} ¹Northwestern University- Feinberg School of Medicine, Surgical Outcomes and Quality Improvement Center (SOQIC), Department of Surgery, Chicago, IL, USA ²American College of Surgeons, Chicago, IL, USA ³Northwestern University-Feinberg School of Medicine, Center for Healthcare Studies in the Institute for Public Health and Medicine, Chicago, IL, USA ⁴Wisconsin Surgical Outcomes Research (WiSOR) Program, Department of Surgery, Madison, WI, USA ⁵Thomas Jefferson University Hospital, Department of Surgery, Philadelphia, PA, USA ⁶Medical University of South Carolina, Department of Surgery, Charleston, SC, USA**38.03. Taking Care of Our Own – An Assessment of Perceptions of Burnout in General Surgery Trainees.** M. L. Williford¹, S.Scarlet¹, M. Meyers¹, S. Meltzer-Brody², C. Goettler³, J. Green⁴, A. Hildreth⁵, T. Clancy⁶, D. Luckett⁷, T. M. Farrell¹ ¹University of North Carolina at Chapel Hill, Public Health, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NC, USA ³University of North Carolina at Chapel Hill, Psychiatry, Chapel Hill, NC, USA ⁴East Carolina University Brody School of Medicine, Surgery, Greenville, NC, USA ⁵Carolinas Medical Center, Surgery, Charlotte, NC, USA ⁶Wake Forest University School of Medicine, Surgery, Winston-Salem, NC, USA ⁷New Hanover Regional Medical Center, Surgery, Wilmington, NC, USA**38.04. Lack of peer and attending support increases the likelihood of burnout in general surgery residents.** S.Scarlet¹, M. L. Williford¹, C. Goettler³, J. Green², T. Clancy⁶, A. Hildreth⁵, D. J. Luckett¹, S. Meltzer-Brody¹, M. O. Meyers¹, T. M. Farrell¹ ¹University of North Carolina at Chapel Hill, Chapel Hill, NC, USA ²Carolinas Medical Center, Charlotte, NC, USA ³East Carolina University Brody School of Medicine, Greenville, NC, USA ⁴Wake Forest University School of Medicine, Winston-Salem, NC, USA ⁵New Hanover Regional Medical Center, Wilmington, NC, USA**38.05. Surgical resident wellness and opportunities for improvement: A single center pilot survey.** P. MarincolaSmith¹, P. N. Chotai¹, J. L. Padgett¹, S. K. Geevarghese¹, K. P. Terhune¹ ¹Vanderbilt University Medical Center, Department of General Surgery, Nashville, TN, USA**38.06. Surgical Resident Burnout: Does it Change Over Time?** K.D. Cofer¹, L. Goss¹, R. Hollis¹, M. Morris¹, J. Porterfield¹, B. Lindeman¹, D. Chu¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA**38.07. Does Implicit Gender Bias Occur in Teaching Evaluations of Surgical Faculty?** M. M. Romine¹, Z. Aburjania¹, H. Chen¹,L. Tanner¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA**38.08. Personality Testing May Help To Identify Applicants Who Will Become High Performing Residents.** R. Radhakrishnan¹, D.S. Tyler¹ ¹University of Texas Medical Branch, Surgery, Galveston, TX, USA**38.09. Put Me in the Game Coach! Resident Participation in High Risk Surgery in the Big Data Era.** A. N. Cobb¹, E. Eguia¹,P. C. Kuo¹ ¹Loyola University Medical Center, General Surgery, Maywood, IL, USA**38.10. 3-Year Longitudinal Analysis of Emotional Intelligence in Surgical Residents: It Decreases Over Time.** K. D. Cofer¹,L. Wood¹, R. Hollis¹, J. Richman¹, M. Morris¹, J. Porterfield¹, B. Lindeman¹, D. Chu¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session I**39. EDUCATION: ASSESSMENT AND FEEDBACK ORAL SESSION**

ACOSTA

MODERATORS: Edward D. Auyang, MD, MS & Douglas S. Smink, MD, MPH**39.01. Association Between ABSITE Scoring and Attrition from General Surgery Residency Training.** M. M. Symer¹, L. Gade³,J. Abelson¹, J. A. Sosa², H. Yeo¹ ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Duke University Medical Center, Surgery, Durham, NC, USA ³New York-Presbyterian / Queens, Surgery, New York, NY, USA**39.02. Blind spots in the feedback process – exploring trainee and faculty perceptions.** S. Scarlet¹, A. Reiter¹, J. Crowner¹, M. O.Meyers¹ ¹University of North Carolina at Chapel Hill, Chapel Hill, NC, USA**39.03. Is the operative autonomy granted to a resident consistent with the operative performance quality?** J. P. Fryer⁴, B. C.George¹, B. D. Bohnen², S. L. Meyerson⁴, M. C. Schuller⁴, A. H. Meier⁵, L. Torbeck³, S. P. Mandell⁶, J. T. Mullen², D. S. Smink⁷, J. G. Chipman⁸, E. D. Auyang⁹, K. P. Terhune¹⁰, P. E. Wise¹¹, J. N. Choi³, E. F. Foley¹³, M. A. Choti¹², C. Are¹⁵, N. J. Soper⁴, K. D. Lillemoe², J. B. Zwischenberger¹⁴, G. L. Dunnington³, R. G. Williams³ ¹University of Michigan, Ann Arbor, MI, USA ²Massachusetts General Hospital, Boston, MA, USA ³Indiana University School of Medicine, Indianapolis, IN, USA ⁴Northwestern University, Department of Surgery, Chicago, IL, USA ⁵State University of New York Upstate Medical University, Syracuse, NY, USA ⁶University of Washington, Seattle, WA, USA ⁷Brigham and Women's Hospital, Boston, MA, USA ⁸University of Minnesota, Minneapolis, MN, USA ⁹University of New Mexico HSC, Albuquerque, NM, USA ¹⁰Vanderbilt UniversityMedical Center, Nashville, TN, USA ¹¹Washington University, St. Louis, MO, USA ¹²University of Texas Southwestern Medical Center, Dallas, TX, USA ¹³University of Wisconsin, Madison, WI, USA ¹⁴University of Kentucky, Lexington, KY, USA ¹⁵University of Nebraska College of Medicine, Omaha, NE, USA**39.04. the Influence of Gender and Rank on the Resident Evaluation Process.** L. Theiss¹, B. Corey¹, H. Chen¹, R. Dabal^{1,2} ¹University of Alabama at Birmingham, Birmingham, Alabama, USA ²Children's of Alabama, Birmingham, ALABAMA, USA**39.05. Narrowing of Surgical Resident Operative Experience: 27 Year Analysis of National ACGME Case Logs.** A. R. Cortez¹, G.D. Katsaros², V. K. Dhar¹, F. Drake³, T. A. Pritts¹, J. J. Sussman¹, M. J. Edwards¹, R. Quillin⁴ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA ²University of Cincinnati, College of Medicine, Cincinnati, OH, USA ³Boston University, Department of Surgery, Boston, MA, USA ⁴Columbia University College of Physicians and Surgeons, Center for Liver Disease and Transplantation, New York, NY, USA**39.06. Gender and Faculty Entrustment: An Objective Intraoperative Measurement of Entrustment Behaviors.** J. A. Thompson-Burdine¹, D. C. Sutzko¹, V. C. Nikolian¹, A. Boniakowski¹, P. E. Georgoff¹, K. A. Prabhu¹, N. Matusko¹, R. M. Minter², G. Sandhu¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA

TUESDAY

39.07. Effects of Implementing a Breast Surgery Rotation on ABSITE Scores and Surgical Case Volume. P. Kandagatla¹, A. Woodward¹, L. Newman¹, L. Petersen¹ ¹Henry Ford Health System, Detroit, MI, USA

39.08. Vascular Surgery trends among general surgery residents: '09-'16. A. T. Mierzwa¹, S. F. Markowiak¹, S. A. Toraby¹, C. Das¹, S. Pannell¹, M. M. Nazzari¹ ¹University of Toledo Medical Center, Department of Surgery, Toledo, OH, USA

39.09. Better ABSITE Performance with Increased Operative Case Load During Surgical Residency. A. R. Marcadis¹, T. Spencer¹, D. Sleeman¹, O. C. Velazquez¹, J. I. Lew¹ ¹University of Miami, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

39.10. Not All Operative Experiences Are Created Equal: 18 Year Analysis of a Single Center's Case Logs. A. R. Cortez¹, V. K. Dhar¹, J. J. Sussman¹, T. A. Pritts¹, M. J. Edwards¹, R. Quillin² ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA ²Columbia University College of Physicians and Surgeons, Center for Liver Disease and Transplantation, New York, NY, USA

9:30 AM - 10:00 AM

Morning Break in Exhibit Area

GRAND BALLROOM FOYER

9:45 AM - 10:45 AM

AAS FOUNDER'S LECTURE: "Surgical Leadership: Lessons Learned" GRAND BALLROOM 4-5

WEDNESDAY



Layton F. Rikkers, MD

Professor Emeritus
Divisions of General Surgery
University of Wisconsin School of Medicine and Public Health

INTRODUCTION BY: Rebecca S. Sippel, MD

This presentation is derived from Dr. Rikkers' personal experience as a surgical leader over more than 25 years. These are lessons learned during that time span.

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Description of the various leadership styles and the appropriate use of each.
- Description of emotional intelligence and the key role it plays in leadership.
- Overview of 10 principles essential to effective leadership.

THURSDAY

10:45 AM - 11:30 AM

**AAS PRESIDENTIAL ADDRESS:
"Re-defining Success in Academic Surgery"**

GRAND BALLROOM 4-5



Rebecca S. Sippel, MD

Associate Professor and Chief, Division of Endocrine Surgery
University of Wisconsin School of Medicine and Public Health

INTRODUCTION BY: Adil H. Haider, MD, MPH, AAS President-Elect

This session will review current metrics of success in academic surgery and discuss the balance of quantity versus quality. Attendees will learn how to focus your energy to those activities where you can have the greatest impact.

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify the limitations in our current metrics of success.
- Recognize the importance of quality over quantity in academics.

11:30 PM - 1:00 PM

EDUCATION COMMITTEE LUNCH SESSION:

GRAND BALLROOM 1-3

“Applying the Science of Organizational Psychology to Enhance Culture as a Surgical Leader”

MODERATORS: Kimberly M. Brown, MD & Steven Yule, PhD

SPEAKERS: Kimberly M. Brown, MD, Steven Yule, PhD, Brian Juncker, PhD, & Herbert Chen, MD

In this session, we will equip the surgical leader with the skills needed to establish and maintain an intentional culture within his or her work environment. We address culture assessment in a department, division or service line, applying selection science to recruiting around cultural fit, and implementing cultural change and maintenance in an academic surgical environment.

- Introduction – Kimberly M. Brown, MD
- The Board Room – Steven Yule, PhD
- The Interview Room – Brian Juncker, PhD
- The Operating Room – Herbert Chen, MD
- Audience Q&A – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify and prioritize aspects of the desired surgical culture for his or her work unit or environment.
- Compare the effectiveness of different processes used for candidate selection in identifying desired attributes.
- Create a strategic plan for establishing the desired culture in his or her work unit or environment.

OR

11:30 PM - 1:00 PM

AWS LUNCH SESSION: “Graceful Self-Promotion”

GRAND BALLROOM 6-8

SESSION CHAIR: Heena M. Santry, MD

MODERATORS: Heena M. Santry, MD & Zara Cooper, MD, MSc

SPEAKERS: Amalia L. Cochran, MD, MA, Sherry M. Wren, MD, Steven C. Stain, MD, & Patricia L. Turner, MD

Networking, leveraging contacts, and impressing those who may serve as sponsors is a key component of academic success. In this luncheon session sponsored by the AWS and co-hosted by SBAS, 4 leading academic surgeons with expertise in faculty development and promotion will provide insight into strategies for graceful self-promotion and connecting with sponsors. The role of sponsor, in particular in comparison to mentor, will be discussed. Various techniques to bring attention to one's interests, talents, successes, and future goals through formal and informal opportunities shall be discussed. At the completion of the session, attendees will understand how to best present themselves and attain opportunities for academic advancement with humility and memorable impact to those in positions to advance one's career.

- Introduction and Overview of Disparities in Achievement in Academic Surgery Among Women and URM in Surgery – Heena M. Santry, MD & Zara Cooper, MD, MSc
- Tips for Graceful Self-Promotion – Amalia L. Cochran, MD, MA, Sherry M. Wren, MD, Steven C. Stain, MD, & Patricia L. Turner, MD

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Articulate the difference between a sponsor and a mentor.
- Describe the various methods to promote one's skills and talents in prepared and spontaneous ways.
- Develop an “elevator speech”.

OR



TUESDAY

WEDNESDAY

THURSDAY

11:30 PM - 1:00 PM

ELSEVIER LUNCH SESSION:

"How to Get Your Paper Accepted:

Tips From the Editors of Surgery and Journal of Surgical Research"

Thank you to Elsevier for sponsoring this lunch session.

SESSION CHAIRS: Scott A. LeMaire, MD & Michael G. Sarr, MD

SPEAKERS: Kevin Behrns, MD, Scott A. LeMaire, MD, & Michael G. Sarr, MD

During this session, three journal editors will help academic surgeons at all levels—medical students, residents, fellows, and faculty members—become more successful in getting their scientific papers accepted for publication. Attendees will learn advanced approaches to writing compelling papers, effectively responding to reviewers, and making necessary revisions.

- Introduction – Michael G. Sarr, MD
- Organizing and Writing Your Paper: Beyond the Basics – Kevin Behrns, MD
- The Final Hurdle: Responding to Reviewers and Revising Your Paper – Scott A. LeMaire, MD
- Do's and Don'ts for Authors – Michael G. Sarr, MD
- Panel Discussion – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Improve their success in getting their scientific papers accepted for publication by applying constructive tips and avoiding key pitfalls when writing and revising manuscripts.
- Apply advanced considerations when writing the introduction, methods, results, and discussion sections, and understand how these approaches will increase the chance of having a manuscript receiving a favorable review.
- Effectively address reviewers' critiques and revise a manuscript to optimize the likelihood of having it accepted for publication.

1:00 PM - 2:30 PM

AAS PRESIDENTIAL SESSION:

"Identify your Passion and Find Purpose in your Career"

SESSION CHAIR: Rebecca S. Sippel, MD

PANELISTS: Dawn M. Elfenbein, MD, Luke M. Funk, MD, MPH, Amir A. Ghaferi, MD, MS, Bellal Joseph, MD, Rachel R. Kelz, MD, MSCE, Carrie C. Lubitz, MD, MPH, & Colin A. Martin, MD

SPEAKERS: Sandy Scott, MPA, FACHE & Laurie K. Cure, PhD

This session will enable attendees to reflect on their own career path and to help them to identify their passions. Through some interactive exercises the attendees will learn how to restructure their work to allow them to find more meaning in their careers.

- Introduction – Rebecca S. Sippel, MD
- Moderator – Rachel R. Kelz, MD, MSCE
- Identify your Passion and Find Purpose in your Career – Sandy Scott, MPA, FACHE & Laurie K. Cure, PhD

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Assess how they are spending their time and energy currently.
- Identify the activities that bring the most meaning to their career.
- Prioritize their work to focus their energy on activities that bring purpose to their career.

2:30 PM - 3:00 PM

Afternoon Break in the Exhibit Area

GRAND BALLROOM FOYER

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II**40. BASIC SCIENCE: ONCOLOGY AND HEPATOBIILIARY QUICKSHOT SESSION**

CITY TERRACE 4

MODERATORS: Filip Bednar, MD, PhD & Timothy L. Frankel, MD

- 40.01. Modeling of Early Pancreatic Neoplasia Transcriptional Regulation in Mice.** J. K. Thompson¹, H. Crawford^{3,4}, M. Pasca Di Magliano^{1,2}, F. Bednar¹ ¹University of Michigan, Surgery, Ann Arbor, MI, USA ²University of Michigan, Cell and Developmental Biology, Ann Arbor, MI, USA ³University of Michigan, Molecular and Integrative Physiology, Ann Arbor, MI, USA ⁴University of Michigan, Internal Medicine, Ann Arbor, MI, USA
- 40.02. HO-1 Polymorphism and Acute Necrotic Pancreatitis Through V-cam and E-selectin Expression.** A. K. Gulla^{1,2}, A. Gulbinas³, G. Barauskas³, Z. Dambrauskas³ ¹Georgetown University Medical Center, Department of Surgery, Washington, DC, USA ²Vilnius University Hospital, Santaros Clinics, Department of Surgery, Vilnius, SANTARISKIŲ 2, Lithuania ³Lithuanian University of Health Sciences, Kaunas Clinics, Department of Surgery, Kaunas, Lithuania
- 40.03. IL-23 Plays an Important Role in Short-Term Survival after Pancreatic Adenocarcinoma Resection.** B. A. Krasnick¹, S. M. Husain², Y. Bi¹, P. V. Dickson^{2,3}, J. Deneve^{2,3}, D. Shibata^{2,3}, R. Fields¹, W. G. Hawkins¹, E. S. Glazer^{2,3} ¹Washington University, Surgery, St. Louis, MO, USA ²University of Tennessee Health Science Center, Surgery, Memphis, TN, USA ³University of Tennessee West Cancer Center, Surgery, Memphis, TN, USA
- 40.04. Diagnosis of Pancreatic Adenocarcinoma via Protein Signatures from Fine Needle Aspirations.** M.H. Gerber¹, D. Delitto¹, B. DiVita¹, S. Han¹, R. M. Thomas¹, J. Trevino¹, S. J. Hughes¹ ¹University of Florida, Department of Surgery, Gainesville, FL, USA
- 40.05. Sphingosine Kinase Type 1 and Type 2 Works Differently in Pancreatic Cancer.** M. Nakajima¹, K. Yuza¹, J. Tsuchida¹, Y. Hirose¹, K. Miura¹, H. Ichikawa¹, Y. Shimada¹, T. Kobayashi¹, J. Sakata¹, H. Kameyama¹, M. Abe², K. Sakimura², T. Wakai¹, M. Nagahashi¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan ²Brain Research Institute, Niigata University, Department of Cellular Neurobiology, Niigata, NIIGATA, Japan
- 40.06. Prevention of early liver metastasis after pancreatectomy by NF-κB inhibitor.** N. SAITO¹, T. Uwagawa¹, H. Shiba¹, R. Hamura¹, N. Takada¹, H. Sugano¹, T. Horiuchi¹, Y. Shirai¹, T. Ohashi¹, K. Yanaga¹, K. Yanaga¹ ¹Jikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan
- 40.07. Glutathione sp and Metabolic Signatures of Physiologic Liver Senescence in the Rodent.** M. Schade¹, J. A. Sanabria¹, R. Aguilar¹, M. Andryka¹, A. Mallick¹, J. Fannin¹, J. Sanabria^{1,2} ¹Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA ²Case Western Reserve University School of Medicine, Surgery, Nutrition and Preventive Medicine, Cleveland, OH, USA
- 40.08. Glutathione sp and Metabolic Signatures of NAFLD/NASH in the Rodent.** M. Schade¹, J. Sanabria¹, R. Aguilar¹, M. Andryka¹, A. Mallick¹, J. Fannin¹, J. Sanabria^{1,2} ¹Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA ²Case Western Reserve University School of Medicine, Surgery, Nutrition and Preventive Medicine, Cleveland, OH, USA
- 40.09. A Novel Safer Hsp90 Inhibitor to Overcome Drug Resistant Melanomas.** J. N. Sanchez^{1,2}, C. Subramanian², K. J. Kovatch³, M. S. Cohen^{1,2} ¹University of Michigan, Department of Pharmacology, Ann Arbor, MI, USA ²University of Michigan, Department of General Surgery, Ann Arbor, MI, USA ³University of Michigan, Department of Otolaryngology Head and Neck Surgery, Ann Arbor, MI, USA
- 40.10. Stenness, EZH2, and Notch in Melanoma.** P. Elliott¹, G. Kaushik¹, B. Roy¹, S. Umar¹, S. Anant¹, J. M. Mammen¹ ¹University of Kansas, Surgery, Kansas City, KS, USA
- 40.11. High Expression of DMT1 Indicated Better Prognosis in Non-B Non-C Hepatocellular Carcinoma.** T. Hoki¹, E. Katsuta², L. Yan³, K. Takabe^{2,4}, F. Ito^{1,4,5} ¹Roswell Park Cancer Institute, Center for Immunotherapy, Buffalo, NY, USA ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA ⁴State University of New York at Buffalo, Department of Surgery, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Buffalo, NY, USA ⁵Roswell Park Cancer Institute, Department of Surgical Oncology, Buffalo, NY, USA
- 40.12. Targeting Synaptic Vesicle 2 Proteins for Treating Neuroendocrine Tumors.** J. Whitt¹, J. Ou², X. Liu², H. Chen¹, R. Jaskula-Sztul¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Biomedical Engineering, Birmingham, Alabama, USA
- 40.13. Changes in MiR-200 Family and RASSF2 Expression in Colorectal Cancer and Normal Adjacent Epithelium.** V. Stephen¹, J. Carter¹, J. Hallion¹, M. R. Eichenberger¹, E. M. Hattab², S. Galandiuk¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA ²University of Louisville, Department of Pathology, Louisville, KY, USA
- 40.14. High Levels of Sphingolipids in Human Pancreatic Cancer.** K. Yuza¹, M. Nagahashi¹, Y. Hirose¹, M. Nakajima¹, K. Miura¹, H. Ichikawa¹, Y. Shimada¹, J. Sakata¹, H. Kameyama¹, T. Kobayashi¹, K. Takabe^{2,3}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA
- 40.15. H2AX Expression Discriminates Between Benign and Malignant Biliary Tract Biopsy Specimens.** Y. Hirose¹, M. Nagahashi¹, H. Ishikawa¹, K. Yuza¹, K. Miura¹, H. Ichikawa¹, Y. Shimada¹, H. Kameyama¹, J. Sakata¹, T. Kobayashi¹, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan
- 40.16. Possible Role of HOX genes in Pancreatic Ductal Adenocarcinoma Survival.** K. Takabe¹, E. Katsuta¹, L. Yan² ¹Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA
- 40.17. Human Biliary Tract Cancer Contains High Levels of S1P.** Y. Hirose¹, M. Nagahashi¹, K. Yuza¹, K. Miura¹, J. Sakata¹, T. Kobayashi¹, H. Ichikawa¹, Y. Shimada¹, H. Kameyama¹, K. Takabe^{2,3}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Niigata, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA
- 40.18. Dysregulation of Sphingolipids in Human Hepatocellular Carcinoma.** K. Miura¹, M. Nagahashi¹, Y. Hirose¹, T. Kobayashi¹, J. Sakata¹, H. Kameyama¹, Y. Shimada¹, H. Ichikawa¹, K. Takabe^{2,3}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA
- 40.19. Effect of HO-3867, a novel curcumin analog, on cholangiocarcinoma.** H. Kazik¹, S. Kunnimalaiyaan¹, T. Gamblin¹, M. Kunnimalaiyaan¹ ¹Medical College of Wisconsin, Surgical Oncology/ Surgery, Milwaukee, WI, USA
- 40.20. the role of CDK5 in Prostate Cancer Transdifferentiation.** D. W. Howse¹, A. Carter¹, C. Morrissey², J. Bibb¹ ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA ²University of Washington, Seattle, WA, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

41. BASIC SCIENCE: TRAUMA/CRITICAL CARE QUICKSHOT SESSION

CITY TERRACE 5

MODERATORS: Philip A. Efron, MD & Timothy A. Pritts, MD, PhD

TUESDAY

WEDNESDAY

THURSDAY

41.01. the Uniquely-Human CHRFAM7A Gene Alters Ligand

Binding to the -7 Nicotinic Acetylcholine Receptor. T. Chan¹, E. Williams¹, B. Eliceiri¹, A. Baird¹, T. Costantini¹ ¹University of California - San Diego, Division of Trauma, Surgical Critical Care, Burns and Acute Care Surgery/Department of Surgery, San Diego, CA, USA

41.02. Paradoxical Suppression of a Subset of Circulating Mediators in the Most Severely Injured Patients.

A. J. Lamparello¹, R. A. Namas¹, I. Billiar¹, Y. Vodovotz¹, T. R. Billiar¹ ¹University of Pittsburgh, Pittsburgh, PA, USA

41.03. Immune Genomic Expression Correlates with Discharge Location and Poor Outcomes in Trauma Patients.

J. E. Vidosh¹, D. E. Trimble¹, M. P. Klueh¹, E. Otles¹, C. Wu¹, L. M. Frydrych¹, J. Cuschieri², M. J. Delano¹ ¹University of Michigan, Department of Surgery, Division of Acute Care Surgery, Ann Arbor, MI, USA ²University of Washington, Department of Surgery, Seattle, WA, USA

41.04. Effects of the Duration of Aortic Balloon Occlusion on Outcomes of Traumatic Cardiac Arrest in Swine.

J. Xu^{1,2,3}, P. Shen^{1,2,4}, S. Xia^{1,2}, S. Liu^{1,2}, Z. Li³, M. Zhang^{1,2} ¹Department of Emergency Medicine, Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, ZHEJIANG, China ²Institute of Emergency Medicine, Zhejiang University, Hangzhou, ZHEJIANG, China ³Department of Emergency Medicine, Yuyao People's Hospital, Medical School of Ningbo University, Yuyao, ZHEJIANG, China ⁴Department of Intensive Care Medicine, the First Hospital of Jiaxing, Jiaxing, ZHEJIANG, China

41.05. Coconut Water Reduces Hepatic Ischemia/Reperfusion Injury and Secondary Lung Injury.

K. N. Wright¹, A. Motameni¹, J. Lakshmanan¹, B. Zhang¹, B. G. Harbrecht¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA

41.06. Heme oxygenase-1 promoter polymorphisms influences nosocomial infections following trauma.

P. Waltz¹, T. Cyr¹, R. Namas¹, Y. Vodovotz¹, R. Shapiro¹, B. Zuckerbraun¹ ¹University of Pittsburgh, Surgery, Pittsburgh, PA, USA

41.07. Pursuit of Biomarkers for Radiation Exposure Using a Two Model Approach.

J. S. Vazquez^{1,2}, J. L. Clifford³, M. C. Bravo⁴, T. Orfeo⁴, M. McLawhorn², L. T. Moffatt², K. E. Brummel-Ziedins⁴, J. W. Shupp^{1,2} ¹MedStar Washington Hospital Center, the Burn Center, Department of Surgery, Washington, DC, USA ²Firefighters' Burn and Surgical Research Laboratory, Washington, DC, USA ³U.S. Army Center for Environmental Health Research, Fort Detrick, MD, USA ⁴University of Vermont, Department of Biochemistry, Colchester, VT, USA

41.08. Formalizing analysis of intentional trauma with a population-level iterated Prisoner's Dilemma Model.

O. Khanolkar², G. An¹ ¹University of Chicago, Surgery, Chicago, IL, USA ²University of Illinois at Chicago, College of Medicine, Chicago, IL, USA

41.09. A CIRP-derived Peptide Attenuates Inflammation and Tissue Injury after Gut Ischemia-Reperfusion.

J. T. McGinn¹, W. Yang^{1,2}, F. Zhang², M. Aziz², J. M. Nicastro¹, G. Coppa¹, P. Wang^{1,2} ¹Northwell Health, Surgery, MANHASSET, NEW YORK, USA ²The Feinstein Institute for Medical Research, Center for Immunology and Inflammation, MANHASSET, NEW YORK, USA

41.10. Source Control Mitigates Hypothermia and Prevents

Lymphopenia in Septic Mice. A. M. Pugh¹, L. K. Winer¹, V. Nomellini^{1,2}, C. C. Caldwell¹ ¹University of Cincinnati, Division of Research, Department of Surgery, Cincinnati, OH, USA ²University of Cincinnati, Division of Trauma, Critical Care, and Acute Care Surgery, Cincinnati, OH, USA

41.11. Pulsed Ultrasound of the Spleen Reduces Inflammatory Response in Rats with Severe Sepsis.

E. J. Charles¹, B. Miao¹, R. G. Sawyer¹, Z. Yang¹ ¹University of Virginia, Surgery, Charlottesville, VA, USA

41.12. Effects of Propranolol and Clonidine on Bone Marrow Cytokines following Trauma and Chronic Stress.

E. Miller¹, T. J. Loftus¹, J. Millar¹, K. Kannan¹, I. Alamo¹, J. Plazas¹, P. Efron¹, A. Mohr¹ ¹University of Florida, Department of Surgery, Gainesville, FL, USA

41.13. Angiopoietin Dysregulation Following Severe Pediatric Trauma and Its Correlation with Endotheliopathy.

R. P. Richter², P. J. Hu¹, R. M. Uhlich¹, M. Shroyer³, J. D. Kerby¹, J. F. Pittet⁴, R. T. Russell³, J. R. Richter¹ ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Pediatric Critical Care Medicine, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ⁴University of Alabama at Birmingham, Critical Care Anesthesiology, Birmingham, Alabama, USA

41.14. Ceramide Contributes to Neutrophil Dysfunction in a PICS Murine Model.

L. K. Winer¹, A. M. Pugh¹, E. Gulbins³, C. C. Caldwell¹, V. Nomellini² ¹University of Cincinnati, Division of Research, Department of Surgery, Cincinnati, OH, USA ²University of Cincinnati, Division of Trauma, Critical Care, and Acute Care Surgery, Department of Surgery, Cincinnati, OH, USA ³University of Duisburg-Essen, Department of Molecular Biology, Essen, GERMANY, Germany

41.16. IN-VITRO MODEL of MINOR AORTIC INJURY

DEMONSTRATES SHEAR FORCES FACILITATING AORTIC CRACK PROPAGATION.

J. Rabin¹, A. Siddiqui², J. Gipple², Z. N. Kon³, B. Taylor³, T. M. Scalea¹, H. W. Haslach² ¹R Adams Cowley Shock Trauma Center, Surgery, Baltimore, MD, USA ²University of Maryland, Mechanical Engineering, College Park, MD, USA ³University of Maryland, Cardiac Surgery, Baltimore, MD, USA

41.17. Circulating DNA in Sepsis.

D. Holden¹, T. Murphy¹, T. O. Baslanti¹, Z. Wang¹, G. Ghita¹, S. Brakenridge¹, A. Bihorac¹, P. Efron¹, F. Moore¹, L. L. Moldawer¹ ¹University of Florida, College of Medicine, Gainesville, FL, USA

41.18. Single Dose Toxicity of Adenosine, Lidocaine, and

Magnesium (ALM) Solution in a Murine Model. D. Rattigan¹, J. Wang¹, J. Marcotte¹, R. Irons¹, K. Cahill¹, P. Zheng¹, J. Gaughan¹, S. Brown¹, J. Carpenter¹, G. Dobson², J. P. Hazelton¹ ¹Cooper University Hospital, Camden, NJ, USA ²James Cook University, College of Medicine and Deintistry, Townsville, QUEENSLAND, Australia

41.19. Supercomputing Precision MODS: Insights from an in silico cohort of 2 Billion simulated patients.

C. Cockrell¹, G. An¹ ¹University of Chicago, Surgery, Chicago, IL, USA

41.20. Rapid Detection of Clostridium difficile Toxins in Serum by Raman Spectroscopy..

S. Koya¹, J. V. Martin², S. Yurgelevic¹, D. M. Liberati², M. Brusatori¹, C. Huang¹, G. W. Auner¹, L. N. Diebel² ¹Wayne State University, Smart Sensors and Integrated Microsystems (SSIM)/ Michael and Marian Ilitch Department of Surgery/School of Medicine, Detroit, MI, USA ²Wayne State University, Michael and Marian Ilitch Department of Surgery/School of Medicine, Detroit, MI, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II**42. BASIC SCIENCE: CARDIOTHORACIC AND VASCULAR QUICKSHOT SESSION**

CITY TERRACE 6

MODERATORS: Ankit Bharat, MD & Wei Zhou, MD

- 42.01. Characterizing the Relationship Between Flow-Mediated Dilation and Radial Artery Tonometry In PAD.** G. J. Zahner¹, K. A. Spaulding^{1,2}, M. S. Schaller¹, S. C. Walker¹, N. K. Hills³, W. J. Gasper^{1,2}, M. Grenon^{1,2} ¹University of California - San Francisco, Department of Surgery, San Francisco, CA, USA ²San Francisco VA Medical Center, Vascular Surgery Section, San Francisco, CA, USA ³University of California - San Francisco, Department of Epidemiology and Biostatistics, San Francisco, CA, USA
- 42.02. Acute Post-Ischemic Application of Estrogen to Ameliorating Myocardial Ischemia/Reperfusion Injury.** Y. Yang¹, I. Wang¹, M. Turrentine¹, M. Wang¹ ¹Indiana University School of Medicine, Cardiothoracic Surgery/Surgery, Indianapolis, IN, USA
- 42.04. Myocardial Injection of Microvesicles and Peripheral Inflammatory Signaling.** L. A. Scrimgeour¹, B. A. Potz¹, V. I. Pavlov¹, A. Y. Gorvitovskaia¹, B. Colantuono¹, N. R. Sodha¹, R. Abid¹, F. W. Sellke¹ ¹Brown University School of Medicine, Cardiothoracic Surgery, Providence, RI, USA
- 42.05. Leptinemia Is Associated With Peripheral Artery Disease.** G. J. Zahner¹, J. Ramirez¹, V. Ly¹, K. A. Spaulding^{1,4}, S. A. Khetani^{1,4}, N. K. Hills², C. Grunfeld^{3,5}, A. L. Schafer^{2,3,6}, W. J. Gasper^{1,4}, M. Grenon^{1,4} ¹University of California - San Francisco, Department of Surgery, San Francisco, CA, USA ²University of California - San Francisco, Department of Epidemiology and Biostatistics, San Francisco, CA, USA ³University of California - San Francisco, Department of Medicine, San Francisco, CA, USA ⁴San Francisco VA Medical Center, Vascular Surgery Section, San Francisco, CA, USA ⁵San Francisco VA Medical Center, Metabolism Section, San Francisco, CA, USA ⁶San Francisco VA Medical Center, Endocrine Research Unit, San Francisco, CA, USA
- 42.06. PAR1 Agonists Stimulate APC-like Endothelial Cytoprotection.** A. Morales Allende², K. De Ceunynck², S. Chaudhry², C. Peters², A. Jain², S. Higgins², O. Aisiku², J. Fitch-Tewfik², C. Dockendorff², S. Parikh², D. Ingber², R. Flaumenhaft² ²Beth Israel Deaconess Medical Center, Vascular Surgery, Boston, MA, USA
- 42.07. Depression Severity and Increased Inflammation in Veterans with Peripheral Artery Disease.** N. V. Hernandez¹, S. Grenon^{1,2}, J. L. Ramirez¹, S. A. Khetani^{1,2}, W. J. Gasper^{1,2}, D. Lindqvist^{3,4}, O. M. Wolkowitz³, N. K. Hills⁵, G. J. Zahner¹ ²Veterans Affairs Medical Center, Vascular Surgery Section, San Francisco, CA, USA ³University of California - San Francisco, Department of Psychiatry, San Francisco, CA, USA ⁴Lund University, Department of Psychiatry, Lund, Sweden ⁵University of California - San Francisco, Department of Epidemiology and Biostatistics, San Francisco, CA, USA ¹University of California - San Francisco, Department of Surgery, San Francisco, CA, USA
- 42.08. Nanofibrous Microsphere Mediated High Engraftment of hESC-Cardiomyocytes in Heart Regeneration.** Z. Wang¹, S. Tian¹, Q. Liu², I. Lei¹, C. Zhao², L. Wang¹, L. Bu³, P. X. Ma², Z. Wang¹ ¹University of Michigan, Cardiac Surgery, Ann Arbor, MI, USA ²University of Michigan, Biologic and Material Sciences/Dentistry, Ann Arbor, MI, USA ³New York University School of Medicine, Leon H Charney Division of Cardiology, New York, NY, USA
- 42.09. Differential Expression of FAS and NKLAM in Patients Undergoing Carotid Endarterectomy.** N. Harroun¹, G. S. De Silva¹, J. Kornbluth³, L. A. Sanchez¹, M. A. Zayed^{1,2} ¹Washington University In St. Louis, Division of Vascular Surgery, Saint Louis, MO, USA ²Veterans Affairs St. Louis Health Care System, Division of Vascular Surgery, Saint Louis, MO, USA ³Saint Louis University School of Medicine, Department of Pathology, Saint Louis, MO, USA
- 42.10. Maintaining Liposome Stability for In Vivo Translation.** O. H. Grandas¹, R. K. Fisher¹, R. Dieter¹, S. S. Kirkpatrick¹, J. D. Arnold¹, R. M. Buckley¹, M. M. McNally¹, M. B. Freeman¹, D. J. Mountain¹ ¹University of Tennessee Graduate School of Medicine, Department of Surgery, Knoxville, TN, USA
- 42.12. Association of Aortic Wall Hypoxia in Rhesus Macaques Exposed to Environmental Tobacco Smoke.** E. S. Lee^{1,3}, A. T. Nguyen³, K. J. Dolan³, Z. Irwin³, A. Rona³, K. M. Samadzadeh³, H. Smothers³, Z. Smit-McBride², E. S. Lee^{1,3} ¹UC Davis, Surgery, Sacramento, CA, USA ²UC Davis, Eye Center, Sacramento, CA, USA ³Sacramento VA Medical Center, Surgery, Mather, CA, USA
- 42.13. Increased Coronary Contractile Response to Serotonin in Pig with Metabolic Syndrome.** I. Lawandy¹, Y. Liu¹, V. Pavlov¹, L. Scrimgeour¹, F. W. Sellke¹, J. Feng¹ ¹Brown University School of Medicine, Cardiothoracic/Surgery, Providence, RI, USA
- 42.14. An Endovascular, Totally Implantable Cardiac Support Device for early Class III Heart Failure.** J. Park¹, P. Bonde² ¹Yale University School of Medicine, Bonde Artificial Heart Lab, New Haven, CT, USA ²Yale University School of Medicine, Cardiac Surgery, New Haven, CT, USA
- 42.15. Impaired Coronary Contractile Response to Phenylephrine after CP/CPB in Diabetic Patients.** C. Gordon¹, J. Feng¹, N. Sellke¹, I. Lawandy¹, A. Gorvitovskaia¹, Y. Liu¹, A. Ehsan¹, J. G. Fingleton¹, F. W. Sellke¹ ¹Rhode Island Hospital, Cardiothoracic/Surgery, Providence, RI, USA
- 42.16. A Computational Study of Papillary Muscle 3D Kinematics to Evaluate Mitral Valve Motion.** J. Park², P. Bonde¹ ¹Yale University School of Medicine, Cardiac Surgery, New Haven, CT, USA ²Yale University School of Medicine, Bonde Artificial Heart Lab, New Haven, CT, USA
- 42.17. Assessment of Differential Pressure Levels in Chest Drainage Systems.** V. V. Dobaria¹, R. Cameron¹, E. Aguayo¹, K. Bailey¹, Y. Seo¹, Y. Sanaiha¹, P. Benharash¹ ¹University of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA
- 42.18. MicroRNAs Present In CSF As Biomarkers of Spinal Cord Ischemia and Paresis After TEVAR.** H. F. El Sayed¹, E. Tili², J. Michaille^{3,4}, H. E. Awad² ¹Ohio State University, Department of Surgery, Columbus, OH, USA ²Ohio State University, Department of Anesthesiology, Columbus, OH, USA ³University of Bourgogne, Dijon, France ⁴Ohio State University, Department of Cancer Biology and Genetics, Columbus, OH, USA
- 42.19. Nasal Delivery of VEGF Increases Shedding of HB-EGF in a Murine Model of Compensatory Lung Growth.** J. T. Vuong^{1,2}, D. T. Dao^{1,2}, A. Pan^{1,2}, L. Anez-Bustillos^{1,2}, D. Bielenberg^{1,2}, M. Puder^{1,2} ¹Boston Children's Hospital, Department of Surgery, Boston, MA, USA ²Boston Children's Hospital, Vascular Biology Program, Boston, MA, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

43. CLINICAL/OUTCOMES: BREAST, ENDOCRINE, AND ONCOLOGY QUICKSHOT SESSION

CITY TERRACE 7

MODERATORS: Kaitlyn J. Kelly, MD & Kyle A. Zanocco, BS MD

43.01. Decision Making Roles among Diverse Patients

with Cancer. A. De Roo¹, M. Miller², A. Antunez¹, C. Kin², A. Morris² ¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²Stanford University, General Surgery, Palo Alto, CA, USA

43.02. Why is Hyperparathyroidism Under-diagnosed and

Under-treated in Older Adults? A. Dombrowsky¹, B. Borg¹, R. Xie^{1,2}, J. K. Kirklin^{1,2}, H. Chen¹, C. Balentine^{1,3,4} ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ²Kirklin Institute for Research In Surgical Outcomes, Birmingham, AL, USA ³University of Alabama at Birmingham, Institute for Cancer Outcomes & Survivorship, Birmingham, Alabama, USA ⁴Birmingham & Tuscaloosa Veteran's Affairs Hospital, Birmingham, AL, USA

43.03. Pelvic Exenteration for Locally Advanced Rectal Cancer

in a Safety Net Hospital. A. Zimmerman¹, E. Rachlin¹, C. Rog¹, C. Hsu¹, E. Silberfein¹ ¹Baylor College of Medicine, Surgical Oncology, Houston, TX, USA

43.04. African American race associated with higher cost of

surgical care for thyroidectomy. S. Jang^{1,2}, C. J. Balentine¹, H. Chen¹ ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA ²Howard Hughes Medical Institute, Chevy Chase, MD, USA

43.06. the Urban Versus Rural Divide for Completion Thyroid-

ectomy: A Profile From Two States. J. R. Imbus¹, Y. Shan¹, N. Brys¹, G. Levenson¹, J. Havlena¹, N. Zaborek¹, S. Pitt¹, D. F. Schneider¹ ¹University of Wisconsin, Surgery, Madison, WI, USA

43.07. Thyroid Cancer Disparities Among Native and Foreign-Born

Hispanics in South Florida. O. Picado¹, A. R. Marcadis¹, E. N. Kobetz², R. R. Balise³, J. I. Lew¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA ²University of Miami Leonard M. Miller School of Medicine, Department of Medicine, Miami, FL, USA ³University of Miami Leonard M. Miller School of Medicine, Division of Biostatistics, Department of Public Health Sciences, Miami, FL, USA

43.08. Lymph Node Harvest and Survival in Gastric Cancer: A

Single Institution Experience. C. Rog¹, L. Brubaker¹, C. Hsu¹, E. Silberfein¹ ¹Baylor College of Medicine, Surgical Oncology, Houston, TX, USA

43.09. Etiologies and Disparities of Goiter in America. R.

Zheng¹, A. Rios-Diaz¹, D. P. Thibault², J. A. Crispo², A. Willis², A. I. Willis¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Department of Biostatistics and Epidemiology, Philadelphia, PA, USA

43.10. Survival Disparities In Patients With Pancreatic Neuroen-

docrine Tumors. J. Ousley¹, J. A. Castellanos¹, C. E. Bailey¹, N. Baregamian¹ ¹Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA

43.11. Hyperthyroidism Symptoms in Children and Adults Seeking

Definitive Surgical Treatment. A. A. Asban¹, S. Chung¹, J. Hur¹, B. Lindeman¹, C. Balentine¹, H. Chen¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

43.12. Makuuchi Incision: the Optimal Approach for Open

Adrenalectomy. L. I. Ruffolo¹, M. F. Nessen¹, C. P. Probst¹, D. T. Ruan², L. O. Schoeniger¹, J. Moalem¹ ¹University of Rochester, Department of Surgery, Rochester, NY, USA ²Tampa General Hospital, Department of Surgery, Tampa, FL, USA

43.13. Can Preoperative Thyroglobulin level Predict Thyroid

Cancer in Atypia Lesion of Thyroid Nodule? A. Alhefthi^{1,2}, T. AlTayyar¹, M. Alshehri^{1,2}, S. Alqahtani³, S. ALSobhi^{1,2}, A. Alhefthi^{1,2} ¹King Faisal Specialist Hospital & Research Center, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia ²Alfaisal University, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia ³Al Majmaah University, Al Majmaah, Al Majmaah, RIYADH, Saudi Arabia

43.14. Thyroidectomy Then and Now – A 50-year Australian

Perspective. D. I. Maher¹, B. Hii¹, M. Yeung¹, S. Grodzki^{1,2}, J. W. Serpell^{1,2}, J. C. Lee^{1,2} ¹Alfred Hospital, Monash University Endocrine Surgery Unit, Melbourne, VIC, Australia ²Monash University, Department of Surgery, Melbourne, VIC, Australia

43.15. Ten-Year Ultrasound Follow-ups of Thyroid Surgeries - A

Single Institute Experience. T. Zhan¹, A. Ali², C. Hur^{2,3}, C. C. Lubitz^{1,2} ¹Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ²Massachusetts General Hospital, Institute for Technology Assessment, Boston, MA, USA ³Massachusetts General Hospital, Division of Gastroenterology, Boston, MA, USA

43.16. Does Vitamin D Deficiency Cause Hyperparathyroidism? L.

F. Negrete Cervantes¹, F. Cordera¹, D. Caba¹, E. Moreno¹, E. Luque¹, M. Muñoz¹, E. Cruz¹, D. Valdez¹, J. Sanchez¹, R. Arrangoiz¹ ¹The American British Cowdray Medical Center, Sociedad Quirúrgica at Departament of Surgical Oncology and Head and Neck Tumors, Mexico City, Mexico

43.17. Perioperative Considerations for Bloodless Pancreatic

Surgery- A Systematic Review. M. Khalili¹, W. F. Morano¹, L. Marconcini³, M. Sheikh¹, M. Styler³, M. Zebrower², W. Bowne¹ ¹Drexel University College of Medicine, Division of Surgical Oncology/Department of Surgery, Philadelphia, PA, USA ²Drexel University College of Medicine, Division of Anesthesia/Perioperative Medicine, Philadelphia, PA, USA ³Drexel University College of Medicine, Division of Hematology & Oncology/Department of Medicine, Philadelphia, PA, USA

43.18. Race Predicts Completion of Neoadjuvant Chemotherapy

for Breast Cancer. A. T. Knisely², J. H. Mehaffey¹, A. D. Michaels¹, D. R. Brenin¹, A. T. Schroen¹, S. Showalter¹ ¹University of Virginia, Department of Surgery, Charlottesville, VA, USA ²University of Virginia, School of Medicine, Charlottesville, VA, USA

43.19. the impact of breast lumpectomy tray utilization on

cost-savings. E. B. Malone¹, J. R. Baldwin², J. Richman¹, R. B. Lancaster¹, H. Krontiras¹, C. C. Parker¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA ²UAB Medicine, Perioperative Services, Birmingham, AL, USA

43.20. Assessment of breast symmetry in breast cancer patients

undergoing therapeutic mastoplastic. R. Madada-Nyakauru¹, R. Vella-Baldacchino³, A. Bellizzi³, F. Kazzazi², P. Forouhi⁴, C. Malata^{4,5,6} ¹Cambridge University Hospitals NHS Foundation Trust, Plastic Surgery, Cambridge, Cambridge, United Kingdom ²University of Cambridge, School of Clinical Medicine, Cambridge, Cambridgeshire, United Kingdom ³University of Malta, Malta Medical School, Msida, MALTA, Malta ⁴Addenbrooke's Hospital, Cambridge Breast Unit, Cambridge, Cambridgeshire, United Kingdom ⁵Addenbrooke's Hospital, Plastic & Reconstructive Surgery, Cambridge, Cambridgeshire, United Kingdom ⁶Anglia Ruskin University, Postgraduate Medical Institute, Faculty of Medical Science, Cambridge, Cambridgeshire, United Kingdom

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

44. CLINICAL/OUTCOMES: CARDIOTHORACIC QUICKSHOT SESSION 2

CITY TERRACE 8

MODERATORS: Stephen H. McKellar, MD & Joseph D. Phillips, MD

44.01. Changing Landscape of Cardiac Complications Following Pulmonary Lobectomy: Impact of Approach. Y. Sanaiha¹, K. Bailey¹, Y. Seo¹, E. Aguayo¹, V. Dobaria¹, A. Iyengar¹, P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA

44.02. Clinical Characteristics and Surgical Outcomes of Quadricuspid Aortic Valve. K. Yin^{1,2}, Z. Zhang¹, L. Dong³, Y. Lin¹, C. Wang¹ ²Zhongshan Hospital of Fudan University, Department of Echocardiography, Shanghai, SHANGHAI, China ¹Zhongshan Hospital of Fudan University, Department of Cardiac Surgery, Shanghai, SHANGHAI, China ²Harvard Chan School of Public Health, Boston, MA, USA

44.03. Outcomes of Packed Red Blood Cell and Platelet Transfusion on Aortic Dissection Patients after Surgery. S. Naeem¹, G. Baird², N. Sodha¹, F. Sellke¹, A. Ehsan¹ ¹The Warren Alpert Medical School, Cardio-Thoracic Surgery, Providence, RHODE ISLAND, USA ²Rhode Island Hospital, Lifespan Bio-Statistics, Providence, RHODE ISLAND, USA

44.04. Lower Hematocrit Levels are Associated with Neurocognitive Decline after Cardiac Surgery. A. Y. Gorvitovskaia¹, L. A. Scrimgeour¹, B. A. Potz¹, C. D. Gordon¹, N. Sellke¹, A. Kuczmarski¹, J. G. Fingleton¹, A. Ehsan¹, N. R. Sodha¹, F. W. Sellke¹ ¹Brown University School of Medicine, Division of Cardiothoracic Surgery, Providence, RI, USA

44.05. Effect of HbA1c on Post-Operative Outcomes After On-Pump CABG. S. Kong¹, M. Peltz¹, L. C. Huffman¹, P. Bajona¹, M. A. Wait¹, N. Doolabh¹, R. Correa¹, W. Ring¹, M. Jessen¹, J. Pruszyński¹ ¹UT Southwestern Medical Center, Department of Cardiovascular and Thoracic Surgery, Dallas, TX, USA

44.07. Early Outcomes of Adult Patients Who Undergo Proximal Aortic Surgery with del Nido Cardioplegia. J. L. Liao^{1,2}, M. D. Price², S. Y. Green², H. Amarasekara², J. S. Coselli², S. A. LeMaire², O. Preventza² ¹Indiana University School of Medicine, Indianapolis, IN, USA ²Baylor College of Medicine, Cardiothoracic Surgery, Houston, TX, USA

44.08. the Effect of Alcohol Abuse on Peri-operative Outcomes among Cardiac Surgery Patients. M. M. Jamil², A. Akujuo¹, M. Tafen Wandji¹, J. Ortiz² ¹Albany Medical College, Albany, NY, USA ²University of Toledo Medical Center, Surgical Education, Toledo, OH, USA

44.09. Perioperative Renal Replacement Therapy Predicts Mortality in Mechanical Circulatory Support. J. M. Tatum¹, M. L. Barr¹, B. Abt¹, M. E. Bowdish¹ ¹Keck School of Medicine of the University of Southern California, Division of Cardiothoracic Surgery, Los Angeles, CA, USA

44.10. Nasal Oxygen Supplementation in Asymptomatic Thoracic Surgery Patients. M. H. Chowdhury^{1,2}, R. G. Vaghjiani², P. S. Adusumilli² ¹Marshall University Joan C. Edwards School of Medicine, Huntington, WV, USA ²Memorial Sloan-Kettering Cancer Center, Thoracic Service, Department of Surgery, New York, NY, USA

44.11. Atrial Fibrillation After Anatomic Lung Resection: Amiodarone Prophylaxis and Risk Stratification. E. D. Porter², K. A. Fay¹, T. M. Millington¹, D. J. Finley¹, J. D. Phillips¹ ¹Dartmouth-Hitchcock Medical Center, Department of Thoracic Surgery, Lebanon, NH, USA ²Dartmouth-Hitchcock Medical Center, Department of General Surgery, Lebanon, NH, USA

44.12. Hemodialysis as a Predictor of Outcomes After Isolated Coronary Artery Bypass Grafting. R. S. Elsayed¹, B. Abt¹, W. J. Mack², A. Liu¹, J. K. Siegel¹, M. L. Barr¹, R. G. Cohen¹, C. J. Baker¹, V. A. Starnes¹, M. E. Bowdish¹ ¹University of Southern California, Cardiothoracic Surgery/Keck School of Medicine, Los Angeles, CA, USA ²University of Southern California, Preventative Medicine, Los Angeles, CA, USA

44.13. Primary Neoplasm of the Chest Wall: Outcomes after Surgical Resection. P. Sugarbaker¹, K. S. Mehta¹, I. Christie¹, W. E. Gooding², O. Awais¹, M. J. Schuchert¹, J. D. Luketich¹, A. Pennathur¹ ¹University of Pittsburgh Medical Center, Department of Cardiothoracic Surgery, Pittsburgh, PA, USA ²University of Pittsburgh Cancer Institute Biostatistics Facility, Department of Biostatistics, Pittsburgh, PA, USA

44.15. Sternal Device for Open Heart Surgical Procedure. M. A. Kashem¹, G. Ramakrishnan¹, V. Dulam¹, J. Gomez-Abraham¹, S. Guy¹, Y. Toyoda¹ ¹Temple University, Cardiovascular Surgery, Philadelphia, PA, USA

44.16. A Narrative Review of 3D Printing in Cardiac Surgery. J. Wang^{1,4}, J. Coles-Black^{1,4}, G. Matalanis², J. Chuen^{1,3,4} ¹The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia ²Austin Health, Department of Cardiac Surgery, Melbourne, VICTORIA, Australia ³Austin Health, Department of Vascular Surgery, Melbourne, VICTORIA, Australia ⁴Austin Health, 3D Medical Printing Laboratory, Melbourne, VICTORIA, Australia

44.17. Expedited Discharge Does Not Increase the Rate or Cost of Readmission After Pulmonary Lobectomy. R. A. Jean^{1,2}, A. S. Chiu¹, D. J. Boffa³, A. W. Kim⁴, F. C. Deterbeck³, J. D. Blasberg³ ¹Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ²Yale University School of Medicine, National Clinician Scholars Program, New Haven, CT, USA ³Yale University School of Medicine, Section of Thoracic Surgery, Department of Surgery, New Haven, CT, USA ⁴University of Southern California, Division of Thoracic Surgery, Department of Surgery, Los Angeles, CA, USA

44.18. Late GI Bleeding is More Prevalent With Transcatheter Compared to Surgical Aortic Valve Replacement. A. Iyengar¹, E. Aguayo¹, Y. Seo¹, K. L. Bailey¹, Y. Sanaiha³, O. Kwon², W. Toppen⁴, P. Benharash² ¹University of California - Los Angeles, David Geffen School of Medicine, Los Angeles, CA, USA ²University of California - Los Angeles, Cardiac Surgery, Los Angeles, CA, USA ³University of California - Los Angeles, General Surgery, Los Angeles, CA, USA ⁴University of California - Los Angeles, Internal Medicine, Los Angeles, CA, USA

44.19. Does Robotic Lobectomy Improve Outcomes in Patients with Poor Pulmonary Function?. P. J. Kneuert¹, D. M. D'Souza¹, S. D. Moffatt-Bruce¹, R. E. Merritt¹ ¹The Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

45. CLINICAL/OUTCOMES: CROSS-DISCIPLINARY QUICKSHOT SESSION

CITY TERRACE 9

MODERATORS: Richard Hanney, MBBS, FRA & Caroline E. Reinke, MD, MSPH

45.02. Hospital Teaching Status Impacts Surgical Discharge

Efficiency. P. M. Dowzicky¹, C. Wirtalla¹, J. H. Fieber¹, I. Berger², S. Raper¹, R. R. Kelz¹ ¹University of Pennsylvania, Surgery, Philadelphia, PA, USA ²University of Pennsylvania, School of Medicine, Philadelphia, PA, USA

45.03. Electroceutical Technology Against Bacterial Drug

Resistance. S. Roy¹, A. Das¹, S. Mathew¹, P. D. Ghatak¹, S. Khanna¹, S. Prakash², V. Subramaniam², D. J. Wozniak³, C. K. Sen¹ ¹The Ohio State University Wexner Medical Center, Comprehensive Wound Center, Center for Regenerative Medicine and Cell Based Therapies, Department of Surgery, Davis Heart and Lung Research Institute, Columbus, OHIO, USA ²The Ohio State University, Department of Mechanical and Aerospace Engineering, Columbus, OHIO, USA ³The Ohio State University, Department of Microbial Infection and Immunity, Department of Microbiology, Center for Microbial Interface Biology, Columbus, OHIO, USA

45.04. Measurement of Factors Associated with Delays in Pain

Medication Administration. J. Hwang¹, S. E. De Palm², M. Massimiani², E. LaMura², K. Sigafus², S. M. Nazarian¹ ²Hospital of the University of Pennsylvania, Medical-Surgical Specialty Nursing, Philadelphia, PA, USA ¹University of Pennsylvania, Department of Surgery, Division of Transplant Surgery, Philadelphia, PA, USA

45.05. Kyphoplasty: Height Restoration & Injected Cement Volume

Not Associated with Increased Quality of Life. D. M. Self¹, J. Amburgy², J. Mooney², M. R. Chambers² ¹University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Neurosurgery, Birmingham, Alabama, USA

45.06. Do Surgeon Demographics and Surgical Specialty

Drive Patient Experience Scores? K. E. Engelhardt^{1,2}, R. S. Matulewicz¹, J. O. DeLancey¹, C. Quinn¹, L. Kreutzer¹, K. Y. Bilimoria¹ ¹Northwestern University, Chicago, IL, USA ²Medical University of South Carolina, Charleston, SC, USA

45.07. The Effect of Author Gender on Sex Bias in Surgical

Research. N. Xiao¹, N. Mansukhani¹, D. Fregolente², M. Kibbe^{1,3} ¹Northwestern University, Department of Surgery, Chicago, IL, USA ²Northwestern University, Department of Chemical and Biological Engineering, Chicago, IL, USA ³University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA

45.08. Black Patients have Higher Rates of Readmission following

General Surgical Operations. S. E. Roberts¹, C. J. Wirtalla¹, P. Dowzicky¹, R. Hoffman¹, C. Aarons¹, R. R. Kelz¹ ¹Perelman School of Medicine at University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA

45.09. Hospital Mortality Surveillance in a Tertiary Hospital in

Rwanda: "CHUK". F. BYIRINGIRO¹, J. BYIRINGIRO¹ ¹University of Rwanda, Department of Surgery, KIGALI, Rwanda

45.10. Identification of Social Determinants of Health Leads

to Referrals to Community Resources. M. J. Adair², R. Schimmoeller¹, L. Hammerling¹, R. Oostra¹, S. F. Markowiak², C. Das², F. C. Brunicardi^{1,2} ¹ProMedica Health System, Department of Medicine, Toledo, OHIO, USA ²University of Toledo, Department of Surgery, Toledo, OHIO, USA

45.11. Qualitative Analysis of Clinical Decompensation in the

Surgical Patient: Perceptions of Nurses and Physicians. C. R. Horwood¹, M. Rayo¹, M. Fitzgerald¹, S. D. Moffatt-Bruce¹ ¹Ohio State University, Columbus, OH, USA

45.12. HOSPITAL-ACQUIRED ASPIRATION: RISK FACTORS

for MORTALITY. A. L. Lubitz¹, T. A. Santora¹, A. Pathak¹, J. A. Shinefeld², A. P. Johnson³, A. J. Goldberg^{1,2}, H. A. Pitt² ¹Temple University, Department of Surgery, Lewis Katz School of Medicine, Philadelphia, PA, USA ²Temple University, Temple University Health System, Philadelphia, PA, USA ³Thomas Jefferson University, Department of Surgery, Sidney Kimmel Medical College, Philadelphia, PA, USA

45.13. Palliative Care Consultation is Underutilized in Critically

Ill Surgical Patients. M. C. Turner¹, B. C. Evans³, C. Sommer¹, L. Pickett¹, A. Galanos² ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, Medicine, Durham, NC, USA ³Duke University Medical Center, School of Medicine, Durham, NC, USA

45.14. Comparison of Preoperative Workflows for Elective Hiatal

Hernia Repair and Effect on Patient Burden. C. E. Kein¹, S. S. Yang¹, S. Gupta¹, A. S. Manjunathan¹, A. A. Mazurek¹, R. M. Reddy¹ ¹University of Michigan, Ann Arbor, MI, USA

45.15. Tunneled Central Venous Catheters in Pediatric Intestinal

Failure Patients: A Single Center Review. R. F. Martin¹, K. T. Anderson^{1,2}, M. A. Bartz-Kurycki^{1,2}, G. M. Garwood¹, S. N. Wythe¹, D. N. Supak¹, R. Gutierrez¹, M. T. Austin^{1,2}, A. L. Kawaguchi^{1,2}, A. L. Speer^{1,2}, E. Imseis^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹McGovern Medical School, University of Texas Health Sciences Center at Houston, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA

45.16. Differential Access to Commonly Prescribed Medications

in Rural and Urban Retail Pharmacies. J. A. Whitley^{1,2}, K. Kieran¹ ¹Seattle Children's Hospital, Urology, Seattle, WA, USA ²Rice University, Houston, TX, USA

45.17. Localized Risk-Adjustment for the Comparison of Surgical

Performance. J. Aalberg¹, R. Miller¹, D. Gowie¹, C. Divino¹ ¹Mount Sinai School of Medicine, New York, NY, USA

45.18. Strategies to Maximize the Detection and Treatment

of Perioperative Hyperglycemia. V. N. O'Reilly-Shah^{1,2}, E. W. Duggan¹, G. C. Lynde¹ ¹Emory University School of Medicine, Anesthesiology, Atlanta, GA, USA ²Children's Healthcare of Atlanta, Pediatric Anesthesiology, Atlanta, GA, USA

45.19. Opioid Prescribing for Acute Pain: Surgeons vs. Emergency

Medicine Physicians. J. S. Lee¹, C. M. Brummett², J. F. Waljee¹, M. J. Englesbe¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA

45.20. Telehealth Provides a Comprehensive Approach to the

Surgical Patient. K. S. Nandra¹, G. Koenig¹, A. DelMastro¹, C. Yeo¹ ¹Thomas Jefferson University Hospital, Surgery, Philadelphia, PA, USA

46. CLINICAL/OUTCOMES: ENDOCRINE QUICKSHOT SESSION

MODERATORS: Jennifer H. Kuo, BA, MD & Carrie C. Lubitz, MD, MPH

- 46.01. Quality of Life in Patients with MEN-2 Compared to US Normative and Chronic Disease Populations.** M. N. Mongelli¹, I. Helenowski¹, S. Yount¹, C. Sturgeon¹ ¹Feinberg School of Medicine - Northwestern University, Chicago, IL, USA
- 46.02. Indocyanine Green Lymphangiography for Thoracic Duct Identification During Neck Dissection.** J. M. Chakedis¹, L. A. Shirley¹, A. M. Terando¹, R. Skoracki², J. Phay¹ ¹The Ohio State University Wexner Medical Center and James Cancer Hospital and Solove Research Institute, Division of Surgical Oncology, Department of Surgery, Columbus, OH, USA ²The Ohio State University Wexner Medical Center and James Cancer Hospital and Solove Research Institute, Division of Oncologic Plastic Surgery, Department of Plastic Surgery, Columbus, OH, USA
- 46.03. Sub-classification of thyroid nodules with atypia of undetermined significance: Does it matter?** N. Eisa², A. Khan³, M. Fensterwald³, S. Saleem³, M. A. Akhter³, M. J. Campbell¹ ¹University of California - Davis, Department of Surgery, Sacramento, CA, USA ²University of California - Davis, Department of Internal Medicine, Sacramento, CA, USA ³University of California - Davis, School of Medicine, Sacramento, CA, USA
- 46.04. Well-Differentiated Thyroid Cancer and Robotic-Assisted Surgery: Experience at a Single Institution.** M. E. Garstka¹, K. Moshin¹, D. Bu Ali¹, H. Shalaby¹, K. Ibraheem¹, M. Abdulgawad Farag¹, L. Saparova¹, S. Kang¹, E. Kandil¹ ¹Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA
- 46.05. Lowest Intraoperative Parathyroid Hormone Level As a Predictor of Cure Following Parathyroidectomy.** J. Clafflin¹, A. Dhir¹, N. M. Espinosa¹, A. G. Antunez¹, D. T. Hughes^{1,2} ¹University of Michigan, Medical School, Ann Arbor, MI, USA ²University of Michigan, Department of Surgery, Ann Arbor, MI, USA
- 46.06. An Additional 20 Minute ioPTH Measurement Minimizes Bilateral Neck Exploration.** Z. F. Khan¹, R. Teo¹, M. L. Mao¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, University of Miami Leonard M. Miller School of Medicine, Miami, FL, USA
- 46.07. the Posterior Adiposity Index: A Quantitative Selection Tool for Adrenalectomy Approach.** B. M. Lindeman^{1,2}, A. A. Gawande², F. D. Moore², N. L. Cho², G. M. Doherty², M. A. Nehs² ¹University of Alabama at Birmingham, Surgery, Birmingham, AL, USA ²Brigham and Women's Hospital, Surgery, Boston, MA, USA
- 46.08. Gene Expression Classification has Limited Utility in the Evaluation of AUS/FLUS Thyroid Nodules.** K. D. Klingbeil¹, R. L. Deitz¹, M. L. Mao¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA
- 46.09. Timely Evaluation and Management of Primary Hyperparathyroidism in Patients with Kidney Stones.** A. A. Perez¹, D. F. Schneider¹, S. C. Pitt¹, K. L. Long¹, A. Chu¹, R. S. Sippel¹ ¹University of Wisconsin, Endocrine Surgery, Madison, WI, USA
- 46.10. Hypervascular Pancreatic Lesions: Neuroendocrine Tumor Cannot Be Assumed.** S. M. Wcislak¹, Z. E. Stiles¹, J. L. Deneve¹, E. S. Glazer¹, S. W. Behrman¹, M. Ismail², F. T. Farees³, P. V. Dickson¹ ¹University of Tennessee Health Science Center, Division of Surgical Oncology, Department of Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, Division of Gastroenterology, Department of Medicine, Memphis, TN, USA ³Gastro One, Gastroenterology, Memphis, TN, USA
- 46.11. High Rate of Incidental Thyroid Carcinoma found in Contralateral Thyroid Lobes.** R. Minami¹, O. Picado¹, M. Mao¹, M. Manasa¹, J. Lew¹, J. C. Farrá¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA
- 46.12. Influence of Concurrent Thyroid Pathology on Parathyroidectomy for Primary Hyperparathyroidism.** B. Sunkara¹, M. Cohen², B. Miller², P. Gauger², D. Hughes² ¹University of Michigan, Medical School, Ann Arbor, MI, USA ²University of Michigan, Department of General Surgery, Ann Arbor, MI, USA
- 46.13. Factors Affecting Readmission Following Pediatric Thyroid Resection: A NSQIP-P Evaluation.** I. I. Maizlin¹, H. Chen², R. T. Russell¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, General Surgery, Birmingham, Alabama, USA
- 46.14. Mixed-methods Evaluation of Patient-Surgeon Decision Making about Thyroid Microcarcinoma Treatment.** M. F. Bates¹, M. C. Saucke¹, J. L. Jennings¹, H. J. Khokhar¹, C. I. Voils¹, S. C. Pitt¹ ¹University of Wisconsin, Madison, WI, USA
- 46.15. Incidental Thyroid Carcinoma in Patients Undergoing Surgery for Benign Thyroid Disease.** M. Manasa¹, O. Picado¹, M. L. Mao¹, R. Minami¹, J. C. Farrá¹, J. I. Lew¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family, Department of Surgery, Miami, FL, USA
- 46.16. Understanding Nationwide Readmissions After Thyroid Surgery.** A. Rios-Diaz¹, R. Zheng¹, D. P. Thibault², J. A. Crispo², A. W. Willis², A. I. Willis¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Department of Biostatistics and Epidemiology, Philadelphia, PA, USA
- 46.17. Early Intraoperative PTH Values Can Help Guide Surgical Decision Making.** N. C. Luehmann¹, J. A. Cirino¹, P. F. Czako¹, S. Nagar¹ ¹William Beaumont Hospital, Department of Surgery, Royal Oak, MI, USA
- 46.18. NIFTP Reclassification and Its Impact on Thyroid Malignancy Rate and Treatment.** M. Mao¹, T. Joyal², O. Picado¹, D. Kerr², J. Lew¹, J. Farrá¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA ²University of Miami Leonard M. Miller School of Medicine, Department of Pathology, Miami, FL, USA
- 46.19. IS A THYROID NODULE IN A PATIENT WITH GRAVES' DISEASE ASSOCIATED WITH A HIGHER RISK OF CANCER?** H. H. Shi¹, C. R. McHenry^{1,2} ¹Case Western Reserve University School of Medicine, Cleveland, OH, USA ²MetroHealth Medical Center, Cleveland, OH, USA
- 46.20. Parathyroidectomy in Primary vs Secondary/Tertiary Hyperparathyroidism Patients: Different Outcomes?** S. K. Chung¹, A. A. Asban¹, C. Balentine¹, H. Chen¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

47. CLINICAL/OUTCOMES: QUALITY QUICKSHOT SESSION

CITY TERRACE 11

MODERATORS: David D. Odell, MD, MMSc & Anthony Yang, MD

47.01. An Innovative Approach To Quality Improvement On

A Trauma Surgical Service. A. Sammann¹, L. Z. Chehab¹, A. Sammann¹ ¹University of California - San Francisco, Department of Surgery, San Francisco, CA, USA

47.02. A Qualitative Study of Care Transitions Following Injury

in Cameroon. D. C. Dickson¹, S. A. Christie¹, R. A. Dicker², A. Chichom-Mefire³, C. Juillard¹ ¹University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA ²University of California - Los Angeles, Los Angeles, CA, USA ³University of Buea, Department of Surgery and Obstetrics-Gynecology, Faculty of Health Sciences, Buea, SOUTHWEST REGION, Cameroon

47.03. Justifying Our Decisions About Surgical Technique:

Evidence from Coaching Conversations. A. E. Kanter¹, S. P. Shubeck¹, G. Sandhu¹, C. C. Greenberg², J. B. Dimick¹ ¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²University of Wisconsin, Madison, WI, USA

47.04. the Golden Year: How Functional Recovery shapes Tendon

Surgery context in Patients with Tetraplegia. C. A. Harris¹, M. J. Shauver¹, K. C. Chung¹ ¹University of Michigan, Plastic Surgery, Department of Surgery, Ann Arbor, MI, USA

47.05. Bariatric Surgery Provider Perspectives On Barriers To

Severe Obesity Care: A Qualitative Analysis. L. M. Funk^{1,2}, S. A. Jolles^{1,2}, R. L. Gunter², C. I. Voils^{1,2} ¹William S. Middleton VA, Department of Surgery, Madison, WI, USA ²University of Wisconsin-Madison, Department of Surgery, Madison, WI, USA

47.06. Personal Protective Equipment Needs a Redesign for

Trauma Setting. P. Martin-Tuite¹, L. Chehab², B. Alpers³, J. Liao⁴, A. Sammann² ¹University of California - Berkeley / University of California - San Francisco, Joint Medical Program, Berkeley, CA, USA ²University of California - San Francisco, San Francisco, CA, USA ³Stanford University, Palo Alto, CA, USA ⁴George Washington University School of Medicine and Health Sciences, Washington, DC, USA

47.07. Diabetes is Associated with Prolonged Healing in Patients

Undergoing Lower Extremity Amputation. K. Saffa¹, G. S. De Silva¹, O. Saffa¹, L. A. Sanchez¹, M. A. Zayed^{1,2} ¹Washington University In St. Louis, Division of Vascular Surgery, St. Louis, MO, USA ²Veterans Affairs St. Louis Health Care System, Division of Vascular Surgery, St. Louis, MO, USA

47.08. Challenging Ethical Issues in Extremity Amputations:

What Role Does a Consult Service Play?. L. S. Sparber¹, A. B. Warman², W. Doscher^{1,4,5} ¹Northwell Health System North Shore LIJ, Department of Surgery, Division of Vascular Surgery, New Hyde Park, NY, USA ²Columbia University, School of Professional Studies Dept of Bioethics, New York, NY, USA ⁴Northwell Health System North Shore LIJ, Department of Medicine, Division of Ethics, New Hyde Park, NY, USA ⁵Hofstra University, School of Medicine, Hempstead, NY, USA

47.09. Specialists' Obligation to Provide Feedback to Referring

Physicians: A Systematic Ethical Analysis. A. G. Antunez^{2,3}, L. Dossett^{1,2} ¹Michigan Medicine, Department of Surgery, Ann Arbor, MI, USA ²Institute for Health Policy and Innovation, Ann Arbor, MI, USA ³University of Michigan Medical School, Ann Arbor, MI, USA

47.10. Ethical Considerations in DCIS: the Role of Breast MRI

and Subsequent Outcomes.. L. S. Sparber¹, A. B. Warman², W. Doscher^{1,3,4} ¹Northwell Health System North Shore LIJ, Division of Vascular Surgery, Department of Surgery, New Hyde Park, NY, USA ²Columbia University, School of Professional Studies Dept of Bioethics, New York, NY, USA ³Northwell Health System North Shore LIJ, Department of Medicine, Division of Ethics, New Hyde Park, NY, USA ⁴Hofstra University, School of Medicine, Hempstead, NY, USA

47.11. Barriers and Enablers to Rural Trauma System Implementa-

tion: A Case Study of Hospitals in Scotland. R. D. Adams¹, Z. Morrison², E. Cole¹, J. Jansen³ ¹Queen Mary, University of London, London, ENGLAND, United Kingdom ²University of Aberdeen, Aberdeen, SCOTLAND, United Kingdom ³University of Alabama at Birmingham, Birmingham, Alabama, USA

47.12. Pediatric Thyroidectomy and Neck Dissection for Differenti-

ated Thyroid Cancer: A Systematic Review. A. L. Madenci¹, R. W. Frank², B. C. Stack², J. J. Shin¹ ¹Brigham and Women's Hospital, Boston, MA, USA ²University of Arkansas, Little Rock, AR, USA

47.13. Do Surgeons and Patients Value Shared Decision Making

in Pediatric Surgery?. E. M. Carlisle^{1,2}, L. A. Shinkunas², L. C. Kaldjian² ¹University of Iowa Hospitals and Clinics, Department of Surgery, Division of Pediatric Surgery, Iowa City, IA, USA ²University of Iowa, Carver College of Medicine, Program In Bioethics and Humanities, Iowa City, IA, USA

47.14. Decision Making in Advanced Surgical Illness: the Surgeons

Perspective in Shared Decision Making. R. S. Morris¹, J. Ruck², A. Conca-Cheng², T. Smith², T. Carver¹, F. Johnston² ¹Medical College of Wisconsin, Surgery, Milwaukee, WI, USA ²Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA

47.15. Provider Attitudes and Methods of Preoperative Surgical

Risk Assessment. H. Qiu¹, M. Bronsert^{1,2}, L. A. Crane³, R. A. Meguid^{1,4} ¹University of Colorado School of Medicine, Surgical Outcomes and Applied Research Program, Aurora, CO, USA ²University of Colorado School of Medicine, Adult and Child Consortium for Health Outcomes Research and Delivery Science, Aurora, CO, USA ³University of Colorado Denver School of Public Health, Department of Community and Behavioral Health, Aurora, CO, USA ⁴University of Colorado School of Medicine, Department of Surgery, Aurora, CO, USA

47.16. Healthcare Reform in Maryland: the Influence of Global

Budgets on Emergent Ventral Hernia Repair. S. R. Kaslow¹, M. Stern², J. K. Canner¹, G. L. Adrales² ¹Johns Hopkins Surgery Center for Outcomes Research, Department of Surgery, Baltimore, MD, USA ²Johns Hopkins School of Medicine, Baltimore, MD, USA

47.17. Inpatient Opioid Prescription Trends Among Laparoscopic

Surgeons at a Mid-Atlantic Medical Center. Z. Sanford¹, A. Broda¹, A. Weltz¹, I. Belyansky¹ ¹Anne Arundel Medical Center, Department of Surgery, Annapolis, MD, USA

47.18. Neurosurgonomics: Trends of the Neurosurgical Economy

in the United States. W. C. Johnson¹, A. Seiff² ¹University of Texas Health Science Center at San Antonio, School of Medicine, San Antonio, TX, USA ²University of Texas Health Science Center at San Antonio, Neurosurgery, San Antonio, TX, USA

47.19. When are we operating on kids? A simple intervention

to improve outcomes in developing countries.. V. N. O'Reilly-Shah^{1,2}, G. Easton³, S. Gillespie⁴ ¹Emory University School of Medicine, Anesthesiology, Atlanta, GA, USA ²Children's Healthcare of Atlanta, Pediatric Anesthesiology, Atlanta, GA, USA ³Emory University Goizueta Business School, Information Systems & Operations Management, Atlanta, GA, USA ⁴Emory University School of Medicine, Pediatrics, Atlanta, GA, USA

47.20. Conversion Disorder Causing Prolonged Hospitalization

after Incisional Hernia Repair. S. Markowiak¹, S. Perz², R. Daniel³, B. Moloney³, O. Ekwenna², J. Ortiz¹ ¹University of Toledo, Department of Surgery, Toledo, OH, USA ²University of Toledo, Department of Urology, Toledo, OH, USA ³University of Toledo, Department of Psychiatry, Toledo, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II**48. CLINICAL/OUTCOMES: GENERAL SURGERY AND COLORECTAL QUICKSHOT SESSION**

CITY TERRACE 12

MODERATORS: Kelli M. Bullard Dunn, MD & Daniel I. Chu, MD**48.01. Changes in General Surgery: Market Share, Billing**

Practices, and Social Disparities in Price. J. Tseng¹, B. Loper¹, A. V. Lewis¹, E. Ngula¹, R. F. Alban¹ ¹Cedars-Sinai Medical Center, Department of Surgery, Los Angeles, CA, USA

48.02. Racial Differences in Complications Following Emergency General Surgery: Who Your Surgeon Is Matters.

R. Udyavar¹, A. Salim², E. Cornwell³, Z. Hashmi¹, J. Havens^{1,2}, A. Haider^{1,2} ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA ³Howard University College of Medicine, Department of Surgery, Washington, DC, USA

48.03. Survey of Surgeons' Perspectives of Wound Care Centers for Chronic Wound Care.

V. Rendell¹, T. J. Esposito², A. Gibson¹ ²UnityPoint Health, Wound Care and Hyperbaric Medicine, Peoria, ILLINOIS, USA ¹University of Wisconsin, Department of General Surgery, Madison, WI, USA

48.04. Factors Associated with the Interhospital Transfer of Emergency General Surgery Patients.

A. M. Ingraham¹, S. Fernandes-Taylor¹, J. Schumacher¹, X. Wang¹, M. Saucke¹, C. C. Greenberg¹ ¹University of Wisconsin, Department of Surgery, Madison, WI, USA

48.05. Racial Disparities in Surgical Outcomes Following Colorectal Surgery for Inflammatory Bowel Disease.

M. Ma¹, K. Feng¹, L. N. Wood¹, L. E. Goss¹, J. S. Richman¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA

48.06. Racial and Ethnic Postoperative Outcomes from a

Statewide Database: the Hispanic Paradox. E. Eguia¹, A. Cobb¹, E. Kirshenbaum¹, P. C. Kuo¹ ¹Loyola University Chicago Stritch School of Medicine, General Surgery, Maywood, IL, USA

48.07. the Surgical Management of Diverticulitis.

A. Mehta¹, J. K. Canner², D. T. Efron², J. Efron², J. V. Sakran² ¹Johns Hopkins University School of Medicine, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

48.08. Racial/Ethnic Disparities in Surgical Outcomes for Patients with Diverticular Disease.

M. Ma¹, K. Feng¹, L. E. Goss¹, L. N. Wood¹, J. S. Richman¹, M. S. Morris¹, J. A. Cannon¹, G. D. Kennedy¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA

48.09. Shisong Cardiac Center: Kumbo, Cameroon.

N. T. Kontchou^{1,2}, K. Schulman^{1,3} ¹Harvard Business School, Boston, MA, USA ²Harvard School of Medicine, Brookline, MA, USA ³Duke University Medical Center, Durham, NC, USA

48.10. Trend in Socioeconomic Disparities Among Uncomplicated and Complicated Hernia Repairs.

M. F. Nunez¹, G. Ortega¹, L. G. Souza Mota³, I. Yi³, S. Timberline³, E. S. Bauer¹, T. M. Fullum^{1,2}, D. Tran^{1,2} ¹Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA ²Howard University College of Medicine, Department of Surgery, Washington, DC, USA ³Howard University College of Medicine, Washington, DC, USA

48.11. Increasing Compensation Gaps for Younger General

Surgeons May Increase Dissatisfaction and Attrition. D. S. Strosberg¹, S. Brathwaite¹, S. Prakash¹, J. Hazey¹, B. Satiani¹ ¹Ohio State University, Columbus, OH, USA

48.12. Racial Disparities in Incidence of Rectal Cancer in Patients with IBD.

D. Sessinou¹, D. Chen¹, V. Pandit¹, C. Charlton¹, A. Cruz¹, P. Vijl¹, V. N. Nfonsam¹, V. N. Nfonsam¹ ¹University of Arizona, Medicine, Tucson, AZ, USA

48.13. Reducing Cost and Improving Operating Room Efficiency:

Examination of Surgical Instrument Processing. A. Dyas¹, K. Lovell¹, C. Balentine¹, T. Wang¹, J. Porterfield¹, H. Chen¹, B. Lindeman¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

48.14. Availability of Common Pediatric Uroradiology Studies:

Are Rural Patients at a Disadvantage? J. A. Whitley^{1,2}, S. Gnanewaran^{2,3}, M. Thach^{2,3}, K. Kieran² ¹Rice University, Houston, TX, USA ²Seattle Children's Hospital, Seattle, WA, USA ³University of Washington, Seattle, WA, USA

48.15. Therapeutic strategies of early laparoscopic cholecystectomy for acute cholecystitis.

T. Kohmura¹, J. Yasutomi¹, K. Kusashio¹, M. Matsumoto¹, T. Suzuki¹, A. Iida¹, K. Fushimi¹, S. Irabu¹, N. Yamamoto¹, N. Imamura¹, R. Harano¹, A. Yoshizumi¹, R. Takayanagi¹, I. Udagawa¹ ¹Chiba Rosai Hospital, Surgery, Ichihara, CHIBA, Japan

48.16. Practice Management Guidelines: Treatment of Cardiovascular Implantable Device Pocket Infections.

E. Buckarma¹, M. Mohan¹, L. Baddour², T. Earnest¹, H. Schiller¹, E. Loomis¹ ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Mayo Clinic, Department of Infectious Diseases, Rochester, MN, USA

48.17. the Impact of Intravenous Acetaminophen After Abdominal

Surgery on Pain: A Meta-Analysis. J. J. Blank¹, N. G. Berger¹, J. P. Dux¹, F. Ali¹, K. A. Ludwig², C. Y. Peterson² ¹Medical College of Wisconsin, General Surgery, Milwaukee, WI, USA ²Medical College of Wisconsin, General Surgery, Colorectal Division, Milwaukee, WI, USA

48.18. Current Trends of Pilonidal Disease at a Veteran

Administration Hospital: A 12-Year Experience. O. Renteria¹, H. Cunningham¹, V. Jain¹, M. S. Sultany¹, M. Ruiz¹, S. Huerta^{1,2}, S. Huerta^{1,2} ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Surgery, Dallas, TX, USA

48.19. A feasible and alternative approach for the treatment of

internal hemorrhoids. N. HAYASHI¹, N. HAYASHI¹ ¹Kinan Hospita, Surgery, Tanabe, WAKAYAMA, Japan

48.20. ACS NSQIP Surgical Risk Calculator: Pilot Analysis on

Feasibility in an Academic Safety Net Hospital. A. M. Jensen¹, M. L. Crandall¹, B. K. Yorkgitis¹, J. H. Ra¹ ¹University of Florida, Department of Surgery, Jacksonville, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

49. CLINICAL/OUTCOMES: GENERAL SURGERY QUICKSHOT SESSION 2

RIVER TERRACE 1

MODERATORS: Timothy L. Fitzgerald, MD & Saju Joseph, MD

49.01. Admission of Patients with Biliary Disease to a Surgery Service Decreases Length of Stay. R. C. Banning¹, N. R. Bruce¹, W. C. Beck¹, J. R. Taylor¹, M. K. Kimbrough¹, J. Jensen¹, M. J. Sutherland¹, R. D. Robertson¹, K. W. Sexton¹ ¹University of Arkansas for Medical Sciences, Department of Surgery, Little Rock, AR, USA

49.02. Emergent Laparoscopic Ventral Hernia Repairs (LVHR). A. M. Kao¹, C. R. Huntington¹, J. Otero¹, T. Prasad¹, V. Augenstein¹, A. E. Lincourt¹, P. D. Colavita¹, B. T. Heniford¹ ¹Carolinas Medical Center, Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA

49.03. Variations in Nationwide Readmission Patterns After Umbilical Hernia Repair. S. A. Eidelson¹, J. Parreco¹, M. B. Mulder¹, K. G. Proctor¹, R. Rattan¹ ¹University of Miami, Department of Surgery, Miami, FL, USA

49.04. Surgical Resection of Small Intestinal Neuroendocrine Tumors in Elderly Patients Improves Survival. E. W. Cytryn¹, J. J. Aalberg¹, D. Dolan¹, C. M. Divino¹ ¹Icahn School of Medicine at Mount Sinai, Division of General Surgery, Department of Surgery, New York, NY, USA

49.05. Gastrointestinal Perforations: Examining the Consequences of Antibiotics among Medicare Beneficiaries. V. T. Daniel¹, S. Sanders¹, D. Ayurk¹, B. A. McCormick², H. P. Santry¹ ¹University of Massachusetts Medical School, Department of Surgery, Worcester, MA, USA ²University of Massachusetts Medical School, Center for Microbiome Research, Worcester, MA, USA

49.06. Modified Frailty Index Predicts Complications and Death after Non-Bariatric Gastrectomies. K. Zorbas¹, A. Di Carlo¹, A. Karachristos¹ ¹Temple University, Department of Surgery, Philadelphia, PA, USA

49.07. Blood Transfusions Increase Risk of Venous Thromboembolism Following Ventral Hernia Repair. J. H. Helm¹, M. C. Helm¹, J. C. Gould¹ ¹Medical College of Wisconsin, General Surgery, Milwaukee, WI, USA

49.08. Epidural Versus Spinal Block Analgesia After Major Abdominal Operations. D. M. Hall¹, S. Christian¹, C. Moore¹, J. Deneve¹, P. Dickson¹, R. S. Daugherty¹, S. W. Behrman¹, M. Kent², B. Bicknell², D. Shibata¹, L. Douthitt², E. Glazer¹ ¹University of Tennessee Health Science Center, Department of Surgery, Memphis, TN, USA ²Medical Anesthesia Group, Anesthesia, Memphis, TN, USA

49.09. Utilization of Ultrasound for Primary Inguinal Hernia: Framing the Need for De-Implementation. J. B. Melendez², S. Manz⁴, M. Cramer³, A. Kanter¹, J. B. Dimick¹, D. A. Telem¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Medical School, Ann Arbor, MI, USA ³Cornell University, Ithaca, NY, USA ⁴University of Michigan, Ann Arbor, MI, USA

49.10. Quantifying the Impact of Diabetes Mellitus on Breast Cancer Surgery Outcomes. B. N. Tran¹, M. Singh¹, A. Doval¹, E. C. Levine¹, D. Singhal¹, B. T. Lee¹ ¹Beth Israel Deaconess Medical Center, Plastic and Reconstructive Surgery, Boston, MA, USA

49.11. "Adoption and Outcomes of Primary Anastomoses with Proximal Diversion for Diverticulitis". B. Resio¹, K. Y. Pei¹, J. Liang¹, Y. Zhang¹ ¹Yale University School of Medicine, New Haven, CT, USA

49.12. MELD-Na Score as a Predictor of Postoperative Complications in Elective Hernia Repair. K. A. Schlosser¹, A. M. Kao¹, M. R. Arnold¹, J. Otero¹, T. Prasad¹, A. E. Lincourt¹, K. R. Kasten¹, V. A. Augenstein¹, B. R. Davis¹, B. T. Heniford¹, P. D. Colavita¹ ¹Carolinas Medical Center, Division of Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA

49.13. the Effect of Hospital Choice on Surgical Outcomes for Medicaid Beneficiaries. J. Clafflin¹, J. B. Dimick¹, D. A. Campbell¹, M. J. Englesbe¹, K. H. Sheetz¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA

49.14. Identifying Superusers of Postoperative Inpatient Care in an Emergency General Surgery Population. S. A. Brownlee¹, H. Ton-That², M. Anstadt², R. Gonzalez², A. N. Cobb^{1,2}, P. C. Kuo^{1,2}, A. N. Kothari^{1,2} ¹Loyola University Medical Center, One:MAP Division of Clinical Informatics and Analytics, Maywood, IL, USA ²Loyola University Medical Center, Department of Surgery, Maywood, IL, USA

49.15. A Practical Approach to Locating the Corona Mortis. B. Hoerdeman¹, T. P. Sprenkle¹, M. D. Gothard², M. L. McCarroll¹, D. Rhodes¹ ¹Pacific Northwest University of Health Sciences, College of Medicine, Yakima, WA, USA ²Biostats, Inc., East Canton, OH, USA

49.16. Postoperative Infection: Trends in Distribution, Risk Factors, and Clinical and Economic Burden. M. E. Garstka¹, Z. Al-Qurayshi¹, S. M. Baker¹, C. Ducoin¹, M. Killackey¹, E. Kandil¹ ¹Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA

49.17. Decline in Katz Scores Is Associated with Longer Postoperative Lengths of Stay in Older Adults. A. Lucy¹, E. Malone¹, J. Richman¹, C. Balentine¹, D. Chu¹, K. Flood², M. Morris¹ ¹University of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Gerontology, Geriatrics, Palliative Care, Birmingham, Alabama, USA

49.18. Treating Inguinodynia after Laparoscopic or Open Inguinal Hernia Repair. M. Landry¹, L. Grimsely¹, M. Mancini¹, B. Forman¹, N. Shokur², V. Vetrano², B. Ramshaw¹ ¹University of Tennessee Medical Center, Division of Surgery, Knoxville, TENNESSEE, USA ²University of Tennessee Health Sciences Center, College of Medicine, Memphis, TENNESSEE, USA ³East Tennessee State University, Quillen College of Medicine, Johnson City, TENNESSEE, USA

49.19. Resident Implementation of an Enhanced Recovery Pathway for Colorectal Surgery in a Rural Community. D. S. Urias¹, J. Di Como¹, M. Marley¹, T. Tersine¹, W. Fritz¹, R. Dumire¹ ¹Conemaugh Memorial Medical Center, Johnstown, PA, USA

49.20. Successful Outcomes after Bariatric Surgery in Black Patients. M. S. Pichardo^{2,4}, G. Ortega³, E. S. Bauer³, S. Timberline², M. F. Nunes³, E. Smith², D. Tran⁵, T. M. Fullum⁵ ²Howard University College of Medicine, Washington, DC, USA ³Howard University College of Medicine, Clive O. Callender Howard-Harvard Health Sciences Outcomes Research Center, Washington, DC, USA ⁴Yale School of Public Health, Department of Chronic Disease Epidemiology, New Haven, CT, USA ⁵Howard University Hospital, Center for Wellness and Weight Loss Surgery, Department of Surgery, Washington, DC, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

50. CLINICAL/OUTCOMES: GENERAL SURGERY QUICKSHOT SESSION 3

RIVER TERRACE 2

MODERATORS: Lesly A. Dossett, MD, MPH & James W. Suliburk, MD

- 50.01. Impact of Acute Care Surgery Service on Diverticulitis Patients Managed with Operative Intervention.** M. N. Khan¹, M. Hamidi¹, A. Jain¹, E. Zakaria¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, L. Gries¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA
- 50.02. BMI as an Independent Risk Factor for Complications after Laparoscopic Ventral Hernia Repair.** L. Owei¹, R. Swendiman¹, S. Torres Landa¹, D. Dempsey¹, K. Dumon¹ ¹Hospital of the University of Pennsylvania, Gastrointestinal Surgery, Philadelphia, PA, USA
- 50.03. Do Ventriculoperitoneal Shunts Increase Complications after Laparoscopic Gastrectomy in Children?** E. Rosenfeld, MD¹, K. Mazzolini, BS¹, A. S. DeMello¹, A. Karediya¹, Y. Yu¹, J. G. Nuchtern¹, S. R. Shah¹ ¹Baylor College of Medicine & Texas Children's Hospital, DeBakey Department of Surgery, Houston, TX, USA
- 50.04. Robotic Port Site Hernias After General and Oncologic Surgical Procedures.** R. Diez-Barroso¹, C. H. Palacio¹, J. A. Martinez¹, A. Artinyan¹, K. Makris^{1,2}, D. S. Lee^{1,2}, N. N. Massarweh^{1,2}, C. Chai^{1,2}, S. Awad^{1,2}, H. S. Tran Cao^{1,2} ¹Baylor College of Medicine, Houston, TX, USA ²Michael E. DeBakey Veterans Affairs Medical Center, Houston, TX, USA
- 50.05. Perioperative Factors Influencing Urinary Retention After Laparoscopic Inguinal Hernia Repair.** D. F. Roadman¹, M. Helm¹, M. Goldblatt¹, A. Kastenmeier¹, T. Kindel¹, J. Gould¹, R. Higgins¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA
- 50.06. Outcomes of Acute Appendicitis in Veteran Patients.** O. Renteria¹, S. Huerta^{1,2} ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Surgery, Dallas, TX, USA
- 50.07. Neutrophil Lymphocyte Ratio (NLR) Predicts Hospital Length of Stay In Acute Appendicitis.** E. B. Rodas^{1,2}, M. Guillén², E. Granda², F. Martínez², E. B. Rodas^{1,2} ¹Virginia Commonwealth University, Acute Care Surgical Services/ Surgery, Richmond, VA, USA ²Universidad Del Azuay, Cuenca, AZUAY, Ecuador
- 50.08. Risk Factors of Mortality in Patients with Necrotizing Soft Tissue Infections in Rwanda.** M. CHRISTOPHE¹, J. Rickard^{2,4}, F. Charles^{1,3}, N. Faustin^{1,2} ¹University of Rwanda, College of Medicine and Health Sciences, Kigali, KIGALI, Rwanda ²University Teaching Hospital of Kigali, Surgery, Kigali, Rwanda ³Rwanda Military Hospital, Plastic and Reconstructive Surgery, Kigali, KIGALI, Rwanda ⁴University of Minnesota, Surgery and Critical Care, Minneapolis, MN, USA
- 50.09. Incidence and Histopathologic Variations in Appendiceal Neoplasm Presenting as Acute Appendicitis.** R. F. Brown¹, K. Cools¹, M. Shah¹, W. Stepp¹, T. Reid¹, A. Charles¹ ¹University of North Carolina at Chapel Hill, Chapel Hill, NC, USA
- 50.10. Can the Laparoscopic Approach Be Employed in Octogenarians with SBO?** E. H. Chang¹, P. Chung³, M. J. Lee¹, M. Smith⁵, K. Barrera¹, V. Roudnitsky², A. Alfonso⁴, G. Sugiyama⁴ ¹State University of New York Downstate Medical Center, General Surgery, Brooklyn, NY, USA ²Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA ³Coney Island Hospital, Department of General Surgery, Brooklyn, NY, USA ⁴Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA ⁵Vanderbilt University Medical Center, Department of Trauma Surgery, Nashville, TN, USA
- 50.11. Gastrografin Challenge Protocol Decreases Length of Stay in Patients with Small Bowel Obstruction.** W. Huett¹, N. J. Bruce¹, W. C. Beck¹, M. K. Kimbrough¹, J. Jensen¹, M. Sutherland¹, R. Robertson¹, K. W. Sexton¹ ¹University of Arkansas for Medical Science, Little Rock, AR, USA
- 50.12. Preoperative Antibiotic Timing and Postoperative Duration in Ruptured Appendicitis.** R. Amin¹, S. Walker¹, K. Somers¹, M. Arca¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA
- 50.13. the Early Impact of Medicaid Expansion on Insurance Coverage for General Surgery.** A. S. Chiu¹, R. A. Jean¹, J. Ross², K. Y. Pei¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA ²Yale University School of Medicine, Internal Medicine, New Haven, CT, USA
- 50.14. POSTOPERATIVE RESPIRATORY FAILURE: Safer Surgery IMPROVES OUTCOMES.** A. L. Lubitz¹, J. A. Shinefeld¹, T. A. Santora¹, A. Pathak¹, E. E. Craig¹, A. J. Goldberg¹, H. A. Pitt¹ ¹Temple University, Philadelphia, PA, USA
- 50.15. Robotic Inguinal Hernia Repair: An Academic Medical Centers Experience with First 200 Cases.** V. Tam¹, J. Borrebach², S. Dunn², J. Bellon², H. Zeh¹, M. E. Hogg¹ ¹University of Pittsburgh Medical Center, Division of Surgical Oncology, Pittsburgh, PA, USA ²University of Pittsburgh Medical Center, Wolff Center at UPMC, Pittsburgh, PA, USA
- 50.16. Automating Post-Operative Care through Patient-Centered Short Message Service (SMS).** S. C. McGriff¹, D. Kumar¹, P. R. Moolchandani¹, M. K. Hoffman², M. A. Davis², J. W. Suliburk² ¹Baylor College of Medicine, Houston, TX, USA ²Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA
- 50.17. Impact of Active Opioid Use on Healthcare Costs for Patients with Intestinal Obstruction.** V. K. Dhar¹, Y. Kim¹, D. E. Go¹, K. Wima¹, A. D. Jung¹, A. R. Cortez¹, R. S. Hoehn¹, S. A. Shah¹ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA
- 50.18. Management of Rib Fracture Patients: Does Obesity Matter?** A. Lichter¹, F. Speranza¹, W. Rebekah¹, P. Parikh¹, R. Markert¹, G. Semon¹ ¹Wright State University, Dayton, OH, USA
- 50.19. Predictors of 30 Day Readmission Following Percutaneous Cholecystostomy.** M. Fleming¹, Y. Zhang^{2,3}, F. Liu^{2,4}, J. Luo², K. Y. Pei¹ ¹Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ²Yale University School of Medicine, Section of Surgical Outcomes and Epidemiology, Department of Surgery, New Haven, CT, USA ³Yale School of Public Health, Department of Environmental Health Services, New Haven, CT, USA ⁴Beijing 302 Hospital, Beijing, FENGTAI QU, China
- 50.20. Failure to Rescue in Liver and Pancreas Surgery: Is the "July Effect" Real?** D. S. Lee¹, L. W. Chiu¹, C. Chai¹, K. I. Makris¹, N. Becker¹, L. Gillory¹, S. S. Awad¹ ¹Baylor College of Medicine, Surgery, Houston, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

51. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 2

RIVER TERRACE 3

MODERATORS: Jonathan Karpelowsky, MBBCh, PhD & Kasper S. Wang, MD

51.01. Pancreatic Islet Cell Tumors in Adolescents and Young Adults.

I. I. Maizlin¹, R. T. Russell¹, M. B. Dellinger², A. B. Goldin², M. Goldfarb³, J. J. Doski⁴, A. Gosain⁵, M. Langer⁶, M. V. Raval⁷, J. G. Nuchtern⁸, S. A. Vasudevan⁹, K. W. Gow², E. A. Beierle¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ²Seattle Children's Hospital, Pediatric Surgery, Seattle, WA, USA ³John Wayne Cancer Institute at Providence St. John's Health Center, Surgery, Santa Monica, CA, USA ⁴Methodist Children's Hospital of South Texas, University of Texas Health Science Center-San Antonio, Surgery, San Antonio, TX, USA ⁵University of Tennessee Health Science Center, Pediatric Surgery, Memphis, TN, USA ⁶Maine Children's Cancer Program, Tufts University, Portland, ME, USA ⁷Emory University School of Medicine, Children's Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA ⁸Baylor College of Medicine, Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA

51.02. Parent Reported Quality of Life Outcomes in Children with Congenital Diaphragmatic Hernia.

J. L. Morsberger¹, H. L. Short¹, K. J. Baxter¹, C. Travers², M. S. Clifton¹, M. M. Durham¹, M. V. Raval¹ ¹Emory University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Children's Healthcare of Atlanta, Atlanta, GA, USA ²Emory University School of Medicine, Department of Pediatrics, Atlanta, GA, USA

51.03. Early Operative Versus Observational Management in Children with Adhesive Small Bowel Obstruction.

J. M. Hyak¹, G. A. Campagna¹, Z. T. Stone¹, B. Johnson^{1,3}, Y. Yu^{2,3}, A. D. Schwartz⁴, E. H. Rosenfeld², B. Naik-Mathuria^{2,3} ¹Baylor College of Medicine, Department of Pediatrics, Houston, TX, USA ²Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ³Texas Children's Hospital, Department of Surgery, Houston, TX, USA

51.04. Role of Surgery in Management of Children with Crohn's Disease.

S. Lo¹, G. Beasley¹, C. Jolley¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

51.05. "Impact of Insurance Status on Surgical Transfer for Appendicitis in Pediatric Patients".

K. Gee¹, R. E. Jones¹, A. Beres¹ ¹University of Texas at Southwestern, Department of Surgery, Division of Pediatric Surgery, Dallas, Tx, USA

51.06. Same Day Discharge for Non-Perforated Appendicitis in Children: An Updated Institutional Protocol.

L. O. Benedict¹, J. Sujka¹, J. Sobrino¹, P. Aguayo¹, S. St. Peter¹, T. Oyetunji¹ ¹Children's Mercy Hospital- University of Missouri Kansas City, Department of Surgery, Kansas City, MO, USA

51.07. What is a Normal Appendix? Impact of Pathological Criteria on Pediatric Negative Appendectomy Rate.

C. Maloney¹, M. C. Edelman², A. C. Bolognese¹, L. Collins³, A. M. Lipskar¹, B. S. Rich¹ ¹Hofstra Northwell School of Medicine, Surgery, New Hyde Park, NY, USA ²Hofstra Northwell School of Medicine, Pathology and Laboratory Medicine, New Hyde Park, NY, USA ³Hofstra Northwell School of Medicine, Pediatric Radiology, New Hyde Park, NY, USA

51.08. Outcomes Following Laparoscopic Gastrotomy Suture Techniques in Children.

C. A. Mason¹, D. E. Skarda¹, B. T. Bucher¹ ¹University of Utah School of Medicine, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

51.09. Utility of Serial Prenatal MRI assessment in Congenital Diaphragmatic Hernia.

C. C. Style^{1,5}, T. C. Lee^{1,5}, A. R. Mehollin-Ray⁴, P. E. Lau¹, M. A. Verla^{1,5}, S. M. Cruz¹, J. Espinoza², C. J. Fernandes³, S. G. Keswani^{1,5}, D. L. Cass⁵, O. O. Olutoye^{1,2,5} ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TEXAS, USA ²Texas Children's Hospital, Department of Obstetrics and Gynecology, Houston, TEXAS, USA ³Texas Children's Hospital, Department of Pediatrics, Houston, TEXAS, USA ⁴Texas Children's Hospital, Department of Radiology, Houston, TEXAS, USA ⁵Texas Children's Fetal Center, Division of Pediatric Surgery, Houston, TEXAS, USA ⁶Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TEXAS, USA

51.10. Parental Presence During Induction of Anesthesia for Elective Surgery May Delay Surgery Start Time.

B. Wong¹, A. Melucci¹, V. Dombrovskiy³, Y. Lee^{2,4} ¹Rutgers Robert Wood Johnson Medical School, New Brunswick, NJ, USA ²Rutgers Robert Wood Johnson Medical School, Pediatric Surgery, New Brunswick, NJ, USA ³Rutgers Robert Wood Johnson Medical School, Vascular Surgery, New Brunswick, NJ, USA ⁴Bristol Myers Squibb Children's Hospital, New Brunswick, NJ, USA

51.11. Can ultrasound reliably identify complicated appendicitis in children?

D. O. Gonzalez¹, A. Lawrence¹, J. Cooper¹, R. Sola², E. Garvey³, B. C. Weber⁴, S. D. St. Peter², D. J. Ostlie³, J. E. Kohler⁴, C. M. Leys⁴, K. J. Deans¹, P. C. Minneci¹ ¹Nationwide Children's Hospital, Columbus, OH, USA ²Children's Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA ³Phoenix Children's Hospital, Phoenix, AZ, USA ⁴American Family Children's Hospital, Madison, WI, USA

51.12. Antibiotic Therapy is Inconsistent in the Treatment of Necrotizing Enterocolitis.

T. A. Boyle¹, R. A. Starker¹, E. A. Perez¹, A. Hogan¹, A. Brady¹, J. Sola¹, H. Neville¹ ¹University of Miami, Pediatric Surgery, Miami, FL, USA

51.13. Comparison of Pediatric and Adult Solid Pseudopapillary Neoplasms of the Pancreas.

R. T. Russell¹, I. I. Maizlin¹, M. B. Dellinger², K. W. Gow², A. B. Goldin², M. Goldfarb³, J. J. Doski⁴, A. Gosain⁵, M. Langer^{7,8}, M. V. Raval⁶, J. G. Nuchtern⁵, S. A. Vasudevan⁵, E. A. Beierle¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ²Seattle Children's Hospital, Pediatric Surgery, Seattle, WA, USA ³John Wayne Cancer Institute at Providence St. John's Health Center, Surgery, Santa Monica, CA, USA ⁴Methodist Children's Hospital of South Texas, University of Texas Health Science Center-San Antonio, Surgery, San Antonio, TX, USA ⁵Baylor College of Medicine, Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA ⁶Emory University School of Medicine, Children's Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA ⁷Maine Children's Hospital, Tufts University, Surgery, Portland, ME, USA ⁸University of Tennessee Health Science Center, Pediatric Surgery, Memphis, TN, USA

51.14. Clinical Outcomes of Pediatric Patients after Ileal

Pouch-Anal Anastomosis. C. C. Huang¹, F. J. Rescorla¹, M. P. Landman¹ ¹Indiana University School of Medicine, Department of Pediatric Surgery, Indianapolis, IN, USA

51.15. Intensive Pediatric Weight Loss Program Associated with

Decrease in Obesity-Related Biomarkers. C. B. Cummins¹, B. Hughes¹, O. Nunez-Lopez¹, J. Prochaska², E. Lyons³, D. Jupiter², K. Perino³, A. Glaser⁴, R. Radhakrishnan^{1,4}, K. Bowen-Jallow¹ ¹University of Texas Medical Branch, Department of Surgery, Galveston, TX, USA ²University of Texas Medical Branch, Department of Preventive Medicine and Community Health, Galveston, TX, USA ³University of Texas Medical Branch, Department of Nutrition and Metabolism, Galveston, TX, USA ⁴University of Texas Medical Branch, Department of Pediatrics, Galveston, TX, USA

51.16. Impact of access to freestanding ambulatory surgery centers on rates of myringotomy.

J. N. Cooper¹, B. Iten¹, C. A. Elmaraghy² ¹The Research Institute at Nationwide Children's Hospital, Center for Surgical Outcomes Research, Columbus, OH, USA ²Nationwide Children's Hospital, Department of Otolaryngology-Head and Neck Surgery, Columbus, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

51.17. the Use of Three Dimensional Printed Templates in the Repair of Large Fetal Myelomeningoceles. S. A. Hilton², M. M. Hodges², L. C. Dewberry², D. M. Mirsky^{1,3}, M. Handler^{1,4}, C. C. Wilkinson^{1,4}, H. L. Galan^{1,5}, M. V. Zaretsky^{1,5}, N. Behrendt^{1,5}, A. I. Marwan^{1,2}, L. Pyle⁶, J. L. Wagner⁷, J. G. Jacot⁷, C. Zgheib², T. M. Crombleholme^{1,2}, K. W. Liechty^{1,2} ¹Children's Hospital Colorado, Colorado Institute for Fetal & Maternal Health, Aurora, CO, USA ²University of Colorado Denver, Laboratory for Fetal and Regenerative Biology, Aurora, CO, USA ³University of Colorado Denver, Department of Radiology, Aurora, CO, USA ⁴University of Colorado Denver, Department of Neurosurgery, Aurora, CO, USA ⁵University of Colorado Denver, Division of Maternal Fetal Medicine, Aurora, CO, USA ⁶Children's Hospital Colorado, Department of Pediatrics, Aurora, CO, USA ⁷University of Colorado Denver, Department of Bioengineering, Aurora, CO, USA

51.18. Outcomes of Atypical Genitalia Surgery for Disorder of Sexual Development in Pediatric Population. A. F. Doval¹, B. N. Tran¹, B. T. Lee¹, O. Ganor² ¹Beth Israel Deaconess Medical Center, Plastic and Reconstructive Surgery, Boston, MA, USA ²Boston's Children Hospital, Plastic and Reconstructive Surgery, Boston, MA, USA

51.19. Evaluation of current practices and presence of advanced providers in pediatric surgery. B. R. Beaulieu-Jones¹, D. P. Croitoru², R. M. Baertschiger² ¹Geisel School of Medicine at Dartmouth, Hanover, NH, USA ²Dartmouth Hitchcock Medical Center, Pediatric Surgery, Department of Surgery, Lebanon, NH, USA

51.20. Radiographic and Clinical Factors in Pediatric Patients with Surgical Small Bowel Intussusception. R. J. Vandewalle¹, A. K. Bagwell¹, J. R. Shields², R. C. Burns¹, B. P. Brown², M. P. Landman¹ ¹Indiana University School of Medicine, Department of Radiology Division of Pediatric Radiology, Indianapolis, IN, USA ²Indiana University School of Medicine, Department of General Surgery, Division of Pediatric Surgery, Indianapolis, IN, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

52. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 3

CONFERENCE CENTER A

MODERATORS: Samuel M. Alaish, MD & Eveline Shue, MD

52.01. Management of Long Bone Metastasis from Malignant Solid Tumors in Children. M. W. Lu^{1,2}, L. Van Houwelingen¹, M. D. Neel¹, A. M. Davidoff¹, M. J. Krasin¹, B. N. Rao¹, I. Fernandez-Pineda¹ ¹St. Jude Children's Research Hospital, Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, College of Medicine, Memphis, TN, USA

52.02. The Disproportionate Cost of Surgery and Congenital Anomalies in Infancy. J. C. Apfeld^{1,6,7}, Z. J. Kastenber^{1,2}, F. S. Jazi¹, C. S. Phipps^{4,5}, H. C. Lee^{3,4,6}, K. G. Sylvester^{1,2,3,4} ¹Stanford University School of Medicine, Department of Surgery, Palo Alto, CA, USA ²Stanford University School of Medicine, Center for Health Policy/Center for Primary Care and Outcomes Research, Stanford, CA, USA ³Lucile Packard Children's Hospital, Center for Fetal and Maternal Health, Palo Alto, CA, USA ⁴Stanford University School of Medicine, Department of Pediatrics, Palo Alto, CA, USA ⁵Veterans Affairs Palo Alto Healthcare System, Health Economics Resource Center and Center for Implementation To Innovation, Menlo Park, CA, USA ⁶Stanford University, California Perinatal Quality Care Collaborative (CPQCC), Palo Alto, CA, USA ⁷Cleveland Clinic, Department of General Surgery, Cleveland, OH, USA

52.03. Evaluation of Disparity in Healthcare for Perforated Appendicitis in a National Health Care System. L. M. Fluke¹, A. Peruski², C. Shibley², B. Adams², S. Stinnette², R. Ricca¹ ¹Naval Medical Center Portsmouth, Pediatric Surgery, Portsmouth, VA, USA ²Navy and Marine Corps Public Health Center, Health Analysis Department, Portsmouth, VA, USA

52.04. Inter-rater Reliability of a Grading System for Congenital Diaphragmatic Hernia Defect Size is Fair. C. E. Hunter¹, Z. M. Saenz¹, D. Nunez¹, L. Timsina², B. W. Gray¹ ¹Indiana University School of Medicine, Division of Pediatric Surgery, Department of Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Center for Outcomes Research In Surgery, Department of Surgery, Indianapolis, IN, USA

52.05. Pre-Operative Factors and Response to Surgical Treatment of Achalasia in Pediatric Patients. R. J. Vandewalle¹, C. C. Frye¹, M. P. Landman¹, J. M. Croffie², F. J. Rescorla¹ ¹Indiana University School of Medicine, Department of General Surgery, Division of Pediatric Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Department of Pediatrics, Division of Gastroenterology, Indianapolis, IN, USA

52.06. Improving Imaging Strategies for Pediatric Appendicitis. L. Schoel¹, I. I. Maizlin¹, T. Koppelman¹, M. Shroyer¹, A. Douglas¹, R. T. Russell¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA

52.07. Therapeutic Direction Versus Adverse Outcomes in Children Undergoing Lung Biopsy. J. Sobrino¹, N. Le¹, J. Sujka¹, L. A. Benedict¹, R. M. Rentea¹, H. Alemayehu¹, T. A. Oyetunji¹, S. D. St.Peter¹ ¹Children's Mercy Hospital- University of Missouri Kansas City, Surgery, Kansas City, MO, USA

52.08. Pediatric Single-Site Laparoscopic Appendectomy: Predictors of Conversion to Multiport Appendectomy. N. L. Gates¹, R. D. Rapp¹, S. D. Bhattacharya¹ ¹University of Tennessee College of Medicine, Department of Surgery, Chattanooga, TN, USA

52.09. Surgeon Accuracy in Identifying Children with Simple Appendicitis. Y. R. Yu^{1,2}, E. H. Rosenfeld^{1,2}, S. Dadjoo^{1,2}, M. E. Lopez^{1,2}, S. R. Shah^{1,2}, B. J. Naik-Mathuria^{1,2} ¹Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA ²Baylor College of Medicine, Surgery, Houston, TX, USA

52.10. Gastrointestinal Outcomes in Congenital Diaphragmatic Hernia. M.A. Verla^{1,2}, T.C. Lee^{1,2}, C. C. Style^{1,2}, P.E. Lau², A.R. Mehollin-Ray^{1,3}, C. J. Fernandes^{1,4}, S.C. Fallon², C.A. Ikedionwu², S.G. Keswani^{1,2}, O.O. Olutoye^{1,2} ¹Texas Children's Hospital, Fetal Center, Houston, TX, USA ²Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ³Texas Children's Hospital, Department of Radiology, Houston, TX, USA ⁴Texas Children's Hospital, Department of Pediatrics - Newborn Section, Houston, TX, USA

52.11. Assessment of Outcomes and Costs for Common Surgical Procedures at Children's and Non-Children's Hospitals. C. Tom¹, R. P. Won¹, E. Saab², A. D. Lee², S. Friedlander³, S. L. Lee^{1,2,3} ¹Harbor-University of California Los Angeles Medical Center, Department of Surgery, Torrance, CA, USA ²University of California Los Angeles, Department of Surgery, Los Angeles, CA, USA ³Los Angeles Biomedical Research Institute, Torrance, CA, USA

52.12. Symptom Resolution and Volumetric Reduction of Abdominal Lymphatic Malformations with Sclerotherapy. H. J. Madsen^{1,2,5}, A. Annam^{2,3,5}, R. Harned^{2,3,5}, T. A. Nakano^{2,4,5}, L. O. Larroque^{1,2}, A. M. Kulungowski^{1,2,5} ¹Children's Hospital Colorado, Division of Pediatric Surgery, Aurora, CO, USA ²Children's Hospital Colorado, Vascular Anomalies Center, Aurora, CO, USA ³Children's Hospital Colorado, Interventional Radiology, Aurora, CO, USA ⁴Children's Hospital Colorado, Center for Cancer and Blood Disorders, Aurora, CO, USA ⁵University of Colorado, School of Medicine, Aurora, CO, USA

52.13. the Association of Healthcare Utilization with Readmission in Neonatal Intensive Care Unit Patients. K. J. Baxter^{1,2}, H. T. Nguyen^{1,2}, M. L. Wulkan^{1,2}, M. V. Raval^{1,2} ¹Emory University School of Medicine, Atlanta, GA, USA ²Children's Healthcare of Atlanta, Pediatric Surgery, Atlanta, GA, USA

TUESDAY

WEDNESDAY

THURSDAY

52.14. Outcomes of Circumcision in Children with Single Ventricle Physiology. J. A. Sujka¹, R. Sola¹, A. Lay¹, S. St. Peter¹ ¹Children's Mercy Hospital- University of Missouri Kansas City, Kansas City, MO, USA

52.15. Racial and Ethnic Disparities in Hospital Resource Utilization Following Appendicitis in Children? J. G. Ulugia¹, T. L. Duncan¹, E. R. Scafe¹, B. T. Bucher¹ ¹University of Utah, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

52.16. Facilitating Factors In Same-day Discharge After Laparoscopic Appendectomy. O. Cheng¹, L. Cheng², S. Burjonrappa² ¹Stony Brook University Medical Center, Stony Brook, NY, USA ²Montefiore Medical Center, Bronx, NY, USA

52.17. Socioeconomic Disparities of Children with Umbilical Hernia Presenting to the Emergency Department.. L. G. Souza Mota¹, M. F. Nunez³, G. Ortega^{2,3}, C. M. Smith¹, D. S. Rhee⁴, D. D. Tran^{2,3} ¹Howard University College of Medicine, Washington, DC, USA ²Howard University College of Medicine, Department of Surgery, Washington, DC, USA ³Howard University College of Medicine, Clive O. Callender, MD Howard-Harvard Outcomes Research Center/Department of Surgery, Washington, DC, USA ⁴Johns Hopkins University School of Medicine, Division of Pediatric Surgery/Johns Hopkins Children's Center, Baltimore, MD, USA

52.18. the Impact of Sociodemographic and Hospital-Related Factors on Length of Stay After Pyloromyotomy. M. Joseph¹, E. Hamilton¹, K. Tsao¹, M. T. Austin^{1,2} ¹McGovern Medical School at the University of Texas Health Science Center at Houston, Pediatric Surgery, Houston, TX, USA ²University of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA

52.20. Severity of Congenital Heart Disease and Timing of Non Cardiac Procedures. K. Weitzel¹, D. L. Colon¹, J. Philip¹, M. S. Bleiweis¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

52.21. Increasing "Off-label" use of GnRH Agonists among Pediatric Patients in the United States. C. M. Lopez¹, D. Solomon¹, R. A. Cowles¹, D. E. Ozgediz¹, D. H. Stitelman¹, M. G. Caty¹, E. R. Christison-Lagay¹ ¹Yale University School of Medicine, Department of Surgery, Section of Pediatric Surgery, New Haven, CT, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

53. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 4

CLEARWATER

MODERATORS: Christopher P. Gayer, MD & Daniel Holena, MD

53.02. Impact of Aggressive Treatments in Trauma: Using the Emergency Department Thoracotomy to Death Ratio. D. C. Patel¹, N. K. Dhillon¹, A. Ko¹, C. Colovos¹, N. Melo¹, D. R. Margulies¹, E. J. Ley¹, G. Barmparas¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.03. Prehospital Blunt Traumatic Cardiac Arrest: Is It Worth the Resuscitative Investment? N. R. Manley¹, J. Holley^{1,2}, J. Martin², T. Stavelly¹, M. Croce¹, P. E. Fischer¹ ¹University of Tennessee Health Science Center, Surgery, Memphis, TENNESSEE, USA ²Memphis Fire Department, Memphis, TENNESSEE, USA

53.04. Treatment of ICU Delirium with QTc Prolonging Medications Does Not Lead to Cardiac Arrhythmias. J. Zakko¹, A. Francis², C. V. Murphy², D. A. Eiferman¹ ¹Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA ²Ohio State University Wexner Medical Center, Department of Pharmacy, Columbus, OH, USA

53.05. the Epidemiology of Injuries and Related Surgical Intervention in Aftermath of Tornadoes in America. M. Rajaei¹, R. Griffin², P. Hu¹, T. Swain², J. Kerby¹ ¹UAB, Division of Acute Care Surgery, Department of Surgery, School of Medicine, Birmingham, ALABAMA, USA ²UAB, Department of Epidemiology, School of Public Health, Birmingham, ALABAMA, USA

53.06. What's in a name? Provider perception of injured John Doe patients. C. F. Janowak¹, S. K. Agarwal², B. L. Zarzaur³ ¹University of Cincinnati, Trauma and Surgical Critical Care, Cincinnati, OH, USA ²University of Wisconsin, Department of Surgery, Madison, WI, USA ³Indiana University School of Medicine, Department of Surgery, Indianapolis, IN, USA

53.07. Impact of Red Blood Cell Transfusion in Severe Pediatric Thermal Injury. A. Nordin¹, N. Shah², R. Devine¹, R. Fabia¹, R. K. Thakkar¹ ¹Nationwide Children's Hospital, Department of Pediatric Surgery, Columbus, OH, USA ²Ohio State University College of Medicine, Columbus, OH, USA

53.08. Use of Serum Amylase Levels to Diagnose Traumatic Pancreatic Injury. R. Uhlich¹, J. Kerby¹, P. Hu¹, P. Bosarge¹ ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA

53.09. A Review of Hydroxocobalamin Use in Patients with Inhalation Injury at a Regional Burn Center. J. S. Vazquez^{1,2}, L. S. Johnson^{1,2}, T. E. Travis^{1,2}, L. T. Moffatt², J. W. Shupp^{1,2} ¹MedStar Washington Hospital Center, the Burn Center, Department of Surgery, Washington, DC, USA ²Firefighters' Burn and Surgical Research Laboratory, Washington, DC, USA

53.10. the Bigger They Are, the Harder They Fall: Obesity and Severity of Proximal Humerus Fractures. R. Belayneh^{1,2}, J. Haglin¹, A. Lott¹, S. Konda¹, K. A. Ego¹ ¹New York University School of Medicine, New York, NY, USA ²Howard University College of Medicine, Washington, DC, USA

53.11. Elderly Pedestrians Struck by Vehicles Are More Likely to Be Admitted in the Morning. D. C. Patel¹, T. Li¹, N. K. Dhillon¹, N. T. Linaval¹, L. Kirillova¹, D. R. Margulies¹, E. J. Ley¹, G. Barmparas¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.12. the Depth of Sternal Fracture Displacement is Not Associated with Blunt Cardiac Injury. L. Heidelberg¹, R. Uhlich¹, P. Bosarge¹, J. Kerby¹, P. Hu¹ ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA

53.13. Selecting Patients for Early Tracheostomy After Spinal Cord Injury. D. Scantling¹, E. Gleeson¹, J. Fazendin¹, A. Galvez¹, A. Teichman¹, J. Eakins², B. McCracken¹ ¹Drexel University/ Hahnemann University Hospital, Surgery, Philadelphia, PA, USA ²AtlantiCare Regional Medical Center, Trauma Surgery, Atlantic City, NJ, USA

53.14. Trauma/Acute Care Surgeries Performed in the Emergency Room Impact on the Timeliness.. K. Ito¹, K. Nakazawa¹, T. Nagao¹, H. Chiba¹, T. Fujita¹ ¹Teikyo University Hospital Trauma and Resuscitation Center, Department of Emergency Medicine, Division of Acute Care Surgery, Teikyo University School of Medicine, Tokyo, Japan

53.15. Beyond Mortality: Low Education Associated with Poor Long-term Physical & Mental Health After Trauma. S. Shah¹, S. S. Al Rafai¹, J. P. Herrera-Escobar¹, M. Jarman¹, A. Geada², J. M. Lee³, K. Brasel⁴, H. M. Kaafarani³, G. Kasotakis², G. Velmahos³, A. Salim¹, A. H. Haider¹, D. Nehra¹ ¹Brigham and Women's Hospital, Boston, MA, USA ²Boston University, Boston, MA, USA ³Massachusetts General Hospital, Boston, MA, USA ⁴Oregon Health and Science University, Portland, OR, USA

53.16. Family Satisfaction in the Trauma and Surgical Intensive Care Unit: Another Important Quality Measure. T. Maxim¹, A. Alvarez¹, Y. Hojberg¹, D. Antoku¹, C. Moneme¹, A. Singleton¹, C. Park¹, M. Lewis¹, K. Inaba¹, D. Demetriades¹, K. Matsushima¹ ¹University of Southern California, Los Angeles, CA, USA

53.17. Association of Survival with Admission to Trauma Centers with Extracorporeal Membrane Oxygenation. K. Carlson¹, N. K. Dhillon¹, G. Liao¹, C. Colovos¹, R. Chung¹, D. R. Margulies¹, E. J. Ley¹, G. Barmparas¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.18. Comparing Complication Rates of Chest Tube Placement in Trauma Patients. C. W. Jones¹, R. L. Griffin², G. McGwin², J. Jansen¹, J. D. Kerby¹, P. L. Bosarge¹ ¹University of Alabama at Birmingham, Department of Surgery, Division of Acute Care Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Epidemiology, Birmingham, Alabama, USA

53.19. Age Should Not Preclude Elderly Trauma Patients from Undergoing a Percutaneous Tracheostomy. K. Carlson¹, N. K. Dhillon¹, P. Ng¹, N. T. Linaval¹, G. M. Thomsen¹, D. R. Margulies¹, E. J. Ley¹, G. Barmparas¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

53.20. Outcomes of Abdominal Gunshot Wounds in Patients with Obesity. P. Patalano¹, M. C. Smith², T. Schwartz⁴, G. Sugiyama³, V. Roudnitsky⁴ ¹New York University School of Medicine, Surgery, New York, NY, USA ²Vanderbilt University Medical Center, Surgery, Nashville, TN, USA ³North Shore University and Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA ⁴Kings County Hospital Center, Surgery, Brooklyn, NY, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II**54. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 5**

ST. JOHNS

MODERATORS: Christian Jones, MD & Sarah Lombardo, MD, MSc

54.01. Predicting Mortality in Elective vs. Non-Elective Partial Colectomy: A Prognostic Decision Tree Model. M. Cheung¹, R. LeDuc¹, A. Cobb¹, L. Gil¹, H. Mundt¹, R. P. Gonzalez¹, M. J. Anstadt¹ ¹Loyola University Chicago Stritch School of Medicine, Department of Surgery, Maywood, IL, USA

54.02. the Impact of Obesity on Outcomes in Geriatric Blunt Trauma.. R. Barry¹, M. Modarresi¹, R. Duran¹, E. Thompson¹, J. Sanabria¹ ¹Marshall University School of Medicine, Department of Surgery, Huntington, WV, USA

54.03. Isolated Chest Wall Trauma in the Extremes of the Elderly: What to Expect. A. X. Samayoa¹, W. Alswealmeen¹, R. Shadis¹ ¹Abington Jefferson Health, Surgery, Abington, PA, USA

54.04. the Predictive Value of Early Lactate Area for Mortality in Elderly Patients With Septic Shock. H. Wang¹, X. Chen¹, D. Wu¹ ¹Qilu Hospital of Shandong University, Department of Critical Care Medicine, Jinan, SHANDONG, China

54.05. Timing of VTE Chemoprophylaxis with Enoxaparin is Delayed in Traumatic Brain Injury Patients. G. Liao¹, N. K. Dhillon¹, G. Barmparas¹, A. Yang¹, R. Mason¹, S. Lahiri¹, G. M. Thomsen¹, E. J. Ley¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

54.06. Utilization of a Massive Transfusion Protocol at a Single Pediatric Institution: a 5-Year Experience. J. D. Kauffman¹, C. N. Litz¹, S. A. Thiel¹, L. K. Bingham², P. D. Danielson¹, N. M. Chandler¹ ¹Johns Hopkins All Children's Hospital, Division of Pediatric Surgery, St. Petersburg, FLORIDA, USA ²Johns Hopkins All Children's Hospital, Division of Critical Care Medicine, St. Petersburg, FLORIDA, USA

54.07. Chest CT Associated with Improved Survival in Severe Trauma. J. Zhao¹, W. A. Guo¹ ¹State University of New York at Buffalo, Buffalo, NY, USA

54.08. Does Radial Nerve Exploration and Mobilization Reduce Risk of Nerve Injury in Humeral Shaft Repair? R. Belayneh^{1,2}, K. Broder¹, D. Kugelman¹, P. Leucht¹, S. Konda¹, K. A. Ego¹ ¹New York University School of Medicine, Orthopaedic Surgery, New York, NY, USA ²Howard University College of Medicine, Washington, DC, USA

54.09. Negative Impact of Sarcopenia on Postoperative Outcomes of Severely Burned Patients. B. Murray², S. Deveraj², A. Sanford², T. Saclarides¹, D. M. Hayden¹ ¹Rush University Medical Center, Department of General Surgery, Chicago, IL, USA ²Loyola University Medical Center, Department of General Surgery, Maywood, IL, USA

54.10. Are children who live near ski resorts at lower risk for injury compared to those from out of state? F. Sheikh¹, K. Tauber¹, I. C. Bostock¹, A. O. Crockett², R. M. Baertschiger¹ ¹Dartmouth Hitchcock Medical Center, Division of Pediatric Surgery, Lebanon, NH, USA ²Dartmouth Hitchcock Medical Center, Division of Trauma and Acute Care Surgery, Lebanon, NH, USA

54.11. Understanding the Impact of Retained Bullets from the Perspective of the Injured: A Qualitative Study. R. Maduka¹, S. Resnick^{1,2}, V. Kumar¹, S. Jacoby³, M. Seamon^{1,2}, R. Smith⁴ ¹University of Pennsylvania, the Perelman School of Medicine, Philadelphia, PA, USA ²Hospital of the University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA ³University of Pennsylvania, School of Nursing, Philadelphia, PA, USA ⁴Emory University School of Medicine, Department of Surgery, Atlanta, GA, USA

54.12. Analysis of Intensive Care Unit Admission Data in Urban Teaching Hospital in Maputo, Mozambique. J. Y. Valenzuela¹, F. Urci³, L. Niquice³, M. Sidat³, R. G. Valenzuela², K. McQueen¹ ¹Vanderbilt University Medical Center, Nashville, TN, USA ²Stony Brook University Medical Center, Stony Brook, NY, USA ³Universidade Eduardo Mondlane, Maputo, Mozambique

54.13. Duodenal Stenting in the Management of Complex Pancreatic and Duodenal Trauma. H. N. Mashbari¹, K. Chow¹, M. Hemdi¹, K. Danielson¹, E. Smith-Singares¹ ¹University of Illinois at Chicago, Division of Surgical Critical Care, Chicago, IL, USA

54.14. ROTEM Guided Transfusion Reduces Incidence of Pelvic Packing in Patients who Sustain Pelvic Injury.. B. Zahoor¹, S. Kent¹, J. Piercey¹, M. Randell¹, K. Tetsworth¹, D. Wall¹ ¹Royal Brisbane & Women's Hospital, Trauma, Brisbane, QLD, Australia

54.15. Surgeon-Placed Endoscopic Stent As Rescue Therapy for Failed Esophageal Repair After Trauma. K. Chow¹, H. N. Mashbari¹, M. Hemdi¹, E. Smith-Singares¹ ¹University of Illinois at Chicago, Division of Surgical Critical Care, Chicago, IL, USA

54.16. Accelerometers as an adjunct to mobility assessment in the intensive care unit: a feasibility study. K. Ricci¹, C. Horwood¹, K. Castellon-Larios¹, C. Byrd¹, S. Steinberg¹, D. Vazquez¹ ¹The Ohio State Wexner Medical Center, Surgery, Columbus, OHIO, USA

54.17. Risk Factors for Prolonged Need for PEG Tube In Adult Trauma Patients: Experience of a Level I Trauma Center. B. K. Yorkgitis¹, O. A. Olufajo², L. Gurien¹, E. Kelly², A. Salim², R. Askari² ¹University of Florida-Jacksonville, Acute Care Surgery, Jacksonville, FL, USA ²Brigham and Women's Hospital, Trauma, Burns and Surgical Critical Care, Boston, MA, USA

54.19. A New Paradigm for the Acute Care Surgeon: the Active Cancer Patient Population. C. R. Horwood¹, S. Byrd¹, E. Schneider¹, K. Woodling¹, J. Wisler¹, A. P. Rushing¹ ¹Ohio State University, General Surgery, Columbus, OH, USA

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

55. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 6

MATHEWS

MODERATORS: Alexandra Briggs, MD & Chet A. Morrison, BA, MD

55.01. Hearing Impairment Impedes Physical Function Recovery after Falls in the Elderly. J. R. Oliver¹, C. J. DiMaggio^{2,3}, P. R. Ayoun-Chée² ¹New York University School of Medicine, New York, NY, USA ²New York University School of Medicine, Department Of Surgery, Division Of Trauma And Acute Care Surgery, New York, NY, USA ³New York University School of Medicine, Department Of Population Health, New York, NY, USA

55.02. Sex-Based Differences in Transfusion Need After Severe Injury: Findings of the PROPPR Study. M. McCrum², B. Leroux¹, T. Fang¹, E. Bulger¹, S. Arbabi¹, C. E. Wade³, E. Fox³, J. B. Holcomb³, B. Robinson¹ ¹University of Washington, Surgery / General Surgery, Seattle, WA, USA ²University of Utah, Surgery / General Surgery, Salt Lake City, UT, USA ³University of Texas Health Science Center at Houston, Surgery / General Surgery, Houston, TX, USA

55.03. Considerations for Rib Plating versus Conservative Treatment of Rib Fractures. I. Puente^{1,2,4}, E. Picard¹, J. Wycech², G. DiPasquale^{2,3}, R. Weisz^{1,2}, A. Fokin² ⁴Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA ¹Florida Atlantic University, College of Medicine, Boca Raton, FL, USA ²Delray Medical Center, Trauma, Delray Beach, FL, USA ³Health Care District Palm Beach County, Trauma, Palm Springs, FL, USA

55.04. Using Artificial Intelligence to Predict Prolonged Mechanical Ventilation and Tracheostomy Placement. J. Parreco¹, R. Kozol¹, R. Rattan¹ ¹University of Miami, Miami, FL, USA

55.05. Rotational Thromboelastometry (ROTEM) Thresholds for Blood Component Therapy in Injured Patients. G. R. Stettler¹, H. B. Moore¹, G. R. Nunn¹, J. Chandler², A. Arsen Ghasabian², E. Peltz¹, M. J. Cohen², C. C. Silliman¹, A. Banerjee¹, A. Sauaia¹, E. E. Moore² ¹University of Colorado, Surgery, Aurora, CO, USA ²Denver Health Medical Center, Surgery, Denver, CO, USA

55.06. Variability of Fluid Administration During Exploratory Laparotomy for Abdominal Trauma. J. E. Baker¹, G. Katsaros¹, G. E. Martin¹, C. Wakefield¹, A. T. Makley¹, M. D. Goodman¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA

55.07. Seniority is not a Privilege: Analysis of Triage & Access to Trauma Centers for patients ≥65 years. T. Uribe Leitz¹, D. J. Sturgeon¹, A. F. Harlow¹, M. P. Jarman¹, S. Lipsitz¹, Z. Cooper¹, A. Salim¹, A. H. Haider¹ ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA

55.08. Validation of the Surgical Apgar Score In Trauma Patient Undergoing Emergent Exploratory Laparotomy. A. Masi¹, M. Choudhary¹, K. Chao¹, K. Barrera¹, L. Dresner¹, M. Muthukumar¹, R. Gruessner¹, V. Roudnitsky¹ ¹Kings County Hospital Center, Surgery/Trauma, Brooklyn, NY, USA

55.09. Rapid Ground Transport of Trauma Patients A Moderate Distance From Trauma Center Improves Survival. B. N. Taylor¹, N. Rasnake¹, K. McNutt¹, B. J. Daley¹ ¹University of Tennessee Medical Center, Surgical Critical Care, Knoxville, TENNESSEE, USA

55.10. Feasibility of Fluoroscopy-Free Endovascular Navigation in Trauma Patients of Different Ages. B. Marmie¹, C. Sanderfer¹, J. Fuchs¹, A. Kamenskiy¹, P. Aylward¹, M. Tommeraasen¹, J. MacTaggart¹ ¹University of Nebraska Medical Center, Surgery, Omaha, NE, USA

55.11. Limitations in Aggressive Management of Gunshot Wounds to the Brain. L. A. Robinson¹, P. Arnold³, T. J. McDonald², S. Berry¹, A. Bennett¹, J. Howard¹, J. L. Green¹, R. D. Winfield¹ ¹University of Kansas Medical Center, Department of Surgery, Kansas City, KS, USA ²University of Kansas Health System, Trauma Services, Kansas City, KS, USA ³University of Kansas Medical Center, Department of Neurosurgery, Kansas City, KS, USA

55.12. Elevated sST2 Levels are Associated with Adverse Outcomes and Mortality in Blunt Trauma Patients. I. Billiar¹, J. Guardado¹, J. Brown¹, O. Abdul-Malak¹, Y. Vodovotz¹, T. R. Billiar¹, R. A. Namas¹ ¹University of Pittsburgh, Pittsburgh, PA, USA

55.13. Predictors of Reintubation After Self-extubation in the Intensive Care Unit. L. Marcia¹, Z. Ashman², E. Howell², D. Kim^{1,2}, D. Plurad^{1,2} ¹David Geffen School Of Medicine, University Of California At Los Angeles, Los Angeles, CA, USA ²Harbor-UCLA Medical Center, Surgery, Torrance, CALIFORNIA, USA

55.14. Clinical Characteristics of Trauma Centers in the United States. G. Eckenrode¹, E. J. Kaufman¹, D. N. Holena², C. C. Branas³, M. Narayan¹, R. Winchell¹ ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA ³Columbia University, Mailman School of Public Health, New York, NY, USA

55.15. Breaking Bounce-backs: Number of Pre-Injury Hospital Admissions Predicts Readmission after Trauma. Z. G. Hashmi^{1,2}, C. K. Zogg³, M. P. Jarman¹, A. Salim¹, A. H. Haider¹ ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Sinai Hospital of Baltimore, Surgery, Baltimore, MD, USA ³Yale University School of Medicine, New Haven, CT, USA

55.16. CT Completion Times in a MCI: Is There a Difference Between Pre-Registered EMR and Downtime Protocol. R. D. Rampp¹, M. Sammer¹, S. D. Bhattacharya¹ ¹University of Tennessee College of Medicine, Department of Surgery, Chattanooga, TN, USA

55.17. Frailty Score on Admission Predicts Outcomes in Elderly Trauma Patients. E. Curtis¹, K. S. Romanowski², S. Sen¹, A. Hill³, C. Cocanour¹ ¹University of California - Davis, Department of Surgery, Sacramento, CA, USA ²University of Iowa, Department of Surgery, Iowa City, IA, USA ³University of California - Davis, Clinical Diagnostic Epidemiology, Davis, CA, USA

55.18. New York City's Vision Zero Action Plan Reduces Traffic Related Pedestrian Injuries. D. K. Donley¹, R. Policherla¹, K. Smith¹, A. Kelly¹, J. Shou¹, P. Barie¹, R. Winchell¹, M. Narayan¹ ¹Weill Cornell Medical College, Trauma, Burns, Critical and Acute Care, New York, NY, USA

55.19. Smartphone App Improves Communication and Teamwork in Trauma Care. A. R. Privette¹, L. Roberts¹, D. Wilson¹, M. Kish¹, B. Carter¹, E. Woltz¹, B. Crookes¹, K. Catchpole¹ ¹Medical University of South Carolina, Charleston, SC, USA

55.20. Characteristics of Trauma Patients Who Received Palliative Care Consultation. I. Puente^{1,2}, A. Fokin², J. Katz¹, A. Tymchak², J. Wycech¹, S. Koff², S. Viitaniemi², R. Teitzman² ¹Florida Atlantic University, College of Medicine, Boca Raton, FL, USA ²Delray Medical Center, Trauma, Delray Beach, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II**56. EDUCATION QUICKSHOT SESSION 2**

HART

MODERATORS: Sabha Ganai, MD, PhD & Roger H. Kim, MD

- 56.01. Surgical Resident Participation in Daily, ABSITE Preparatory e-Quiz.** C. V. Warner¹, G. Havelka¹, S. Naffouj¹, H. Shah¹, S. Thomas¹, J. Sugrue¹, A. Mellgren¹, J. Nordenstam¹ ¹University of Illinois at Chicago, Chicago, IL, USA
- 56.02. Is Solo Surgery the Goal of the Laparoscopic Colorectal Surgeries?** J. Yasutomi¹, K. Kusashio¹, M. Matsumoto¹, T. Suzuki¹, A. Iida¹, K. Fushimi¹, S. Irabu², T. Komura², N. Yamamoto², N. Imamura¹, R. Harano¹, A. Yoshizumi¹, R. Takayanagi¹, N. Matsuyama¹, I. Udagawa¹ ¹Chiba Rosai Hospital, Department of Surgery, Ichihara-city, CHIBA, Japan ²Chiba Rosai Hospital, Department of Emergency and Intensive Care, Ichihara-city, CHIBA, Japan
- 56.03. Accessibility and Content of Abdominal Transplant Fellowship Program Web Sites in the United States.** C. K. Cantrell¹, S. L. Bergstresser¹, B. L. Young², S. H. Gray³, J. A. White³ ¹University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA ²Carolinas Medical Center, Department of Orthopaedic Surgery, Charlotte, NC, USA ³University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA
- 56.04. Improving Teamwork in the Trauma Bay.** A. DeLoach¹, C. Coogan¹, C. R. Thrush¹, M. K. Kimbrough¹ ¹University of Arkansas for Medical Sciences, Trauma and Critical Care Surgery, Little Rock, AR, USA
- 56.05. Belize It: Development of an International Surgery Rotation.** J. F. Vance¹, N. Rao¹, B. Burns¹, D. Walters¹ ¹East Tennessee State University - Quillen College of Medicine, Department of Surgery, Johnson City, TN, USA
- 56.06. Practice-based Learning & Improvement: Assessment of a Core ACGME Competency.** M. Narayan¹, R. A. Edwards² ¹Weill Cornell Medical College, the Division of Trauma, Burns, Critical and Acute Care Surgery, New York, NY, USA ²MGH Institute of Health Professions, Center for Interprofessional Studies and Innovation, Boston, MA, USA
- 56.07. Understanding the Use of Video in Surgical Education.** J. L. Green¹, P. Bittar¹, V. Suresh¹, A. Allori² ¹Duke University Medical Center, School of Medicine, Durham, NC, USA ²Duke University Medical Center, Division of Plastic, Maxillofacial & Oral Surgery, Durham, NC, USA
- 56.08. Creation and Assessment of an Operative Trauma Training Course in a Low Resource Setting in Uganda.** M. P. DeWane¹, M. Cheung¹, G. Kurigamba², R. N. Kabuye², J. Mabweijano², M. Galukande², D. E. Ozgediz¹, K. Y. Pei¹ ¹Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ²Makerere University, Department of Surgery, Kampala, KAMPALA, Uganda
- 56.09. Complex General Surgical Oncology Training Milestones: How Much Do We Really Understand?** O. S. Eng¹, R. A. Nelson¹, V. Sun¹, L. L. Lai¹, K. A. Melstrom¹ ¹City of Hope National Medical Center, Duarte, CA, USA
- 56.10. Saving the World -- One Medical Student at a Time!** A. V. Jambhekar¹, C. Kwock¹, S. Patrucco Reyes¹, V. Nwaokocha¹, M. Zenilman¹, J. Rucinski¹ ¹New York Presbyterian Brooklyn Methodist Hospital, Surgery, Brooklyn, NY, USA
- 56.11. the Application of Data Science Principles to Competency-Based Medical Education.** N. S. Hoang¹, J. Lau¹ ¹Stanford University, Department of General Surgery, Palo Alto, CA, USA
- 56.12. Design and Implementation of Surgical Resident Simulation Curriculum via Novel Myotomy Model.** B. P. Blackwood¹, B. R. Veenstra¹, A. Wojtowicz¹, S. Pillai¹, J. M. Velasco¹ ¹Rush University Medical Center, General Surgery, Chicago, IL, USA
- 56.13. Incongruity in Graduating Surgery Residents' Experience with Breast Operations.** L. A. Linker¹, S. F. Markowiak², S. A. Toraby², M. Adair², S. M. Pannell², M. M. Nazzari² ¹University of Toledo, College of Medicine, Toledo, OH, USA ²University of Toledo, Department of Surgery, Toledo, OH, USA
- 56.14. Journal Club in US Plastic Surgery Training Programs: Are We Doing It Right?** A. Nayyar², M. C. Roughton¹, L. K. Kallianen¹ ¹University of North Carolina at Chapel Hill, Plastic and Reconstructive Surgery, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA
- 56.15. Surgical Education for the Millennial Generation: Transforming ABSITE Learning in the 21st Century.** N. Leigh¹, M. Passeri¹, G. Kim¹ ¹St. Luke's Roosevelt Hospital Center, Surgery, New York, NY, USA
- 56.16. Early Autonomy May Contribute to an Increase in General Surgical Workforce.** M. P. Taylor¹, M. A. Quinn¹, J. Burns¹ ¹East Tennessee State University College of Medicine, Department of Surgery, Johnson City, TENNESSEE, USA
- 56.17. Value Driven Healthcare Education: A Needs Assessment at A General Surgery Residency Program.** V. Martinez-Vargas^{1,2}, B. Smith¹ ¹University of Utah, Division of Vascular Surgery, Salt Lake City, UT, USA ²University of Puerto Rico School of Medicine, San Juan, Puerto Rico, USA
- 56.18. Analysis of Instructional Behaviors in Robotic Surgery.** S. N. Chu¹, C. A. Green², H. Chern², P. O'Sullivan^{2,3} ¹University of California - San Francisco, School of Medicine, San Francisco, CA, USA ²University of California - San Francisco, Department of Surgery, San Francisco, CA, USA ³University of California - San Francisco, Department of Medicine, San Francisco, CA, USA
- 56.19. Mind Mapping: What Do Medical Students Think About Vascular Surgery?** M. F. Amendola¹, B. J. Kaplan¹ ¹Virginia Commonwealth University, Surgery, Richmond, VA, USA
- 56.20. Online Repository for Clinical Decision Support Materials for Use by Surgical Trainees.** D. Papandria¹, K. A. Diefenbach¹, J. Christensen¹, J. G. Fisher¹, B. D. Kenney¹ ¹Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30 PM - 4:30 PM

Integrated Quick Shot Presentations Session II

57. EDUCATION: SIMULATION TRAINING QUICKSHOT SESSION

ACOSTA

MODERATORS: Steven Yule, PhD & Carla M. Pugh, MD, PhD

57.01. Use of Google Glass for Patient Information Presentation for Emergency Response and Training. S. Ganapathy¹, S. Raju¹, M. C. McCarthy¹ ¹Wright State University, Department of Industrial and Human Factors Engineering; Department of Trauma Care and Surgery, Dayton, OH, USA

57.03. Silicone-rubber as a Viable, Cheaper Alternative to Current Commercial Simulated Bowels. K. M. Bell¹, B. Wise¹, C. Kwan¹, A. Witt¹, C. M. Pugh¹ ¹University of Wisconsin, Surgery, Madison, WI, USA

57.04. Impact of Novel CVC Simulation Training Program for Residents on Line Associated Complications. C. Cairns¹, M. Goyal^{1,3}, J. Day¹, A. Kumar⁴, Z. Winchester¹, J. Katz¹, J. Bell¹, S. Fitzgibbons^{1,5} ¹Georgetown University School of Medicine, Washington, DC, USA ²Medstar Washington Hospital Center, Emergency Medicine, Washington, DC, USA ³MedStar Health Research Institute, Hyattsville, MD, USA ⁴MedStar Georgetown University Hospital, General Surgery, Washington, DC, USA

57.05. Trauma Simulation Teaching in Cuba – A Model for Other Low- and Middle- Income Countries (LMICs)? S. Rodriguez¹, N. Lin¹, M. L. Fabra², J. A. Martinez², M. DeMoya³, D. M. Valdés², T. Zakrisson¹ ²Hospital Universitario Calixto García, University of Havana, Havana, HAVANA, Cuba ³Massachusetts General Hospital, Boston, MA, USA ¹University of Miami, Miami, FL, USA

57.06. Astronaut Crew Non-Technical Skills for Medical Event Management on Deep Space Exploration Missions. S. Yule^{1,2,4,5}, R. Dias^{2,5}, J. Robertson^{2,5}, A. Gupta⁴, S. Singh², S. Lipsitz^{4,5}, C. Pozner^{2,5}, D. Smink^{1,4,5}, J. Thorgrimson⁷, T. Doyle⁶, D. Musson⁷ ¹Brigham and Women's Hospital, Surgery, Boston, MA, USA ²Brigham and Women's Hospital, STRATUS Center for Medical Simulation, Boston, MA, USA ⁴Brigham and Women's Hospital, Center for Surgery & Public Health, Boston, MA, USA ⁵Harvard Medical School, Boston, MA, USA ⁶McMaster University, Department of Electrical and Computer Engineering, Hamilton, ON, Canada ⁷Northern Ontario School of Medicine, Thunder Bay, ON, Canada

57.07. Resident Training in Robotic Surgery: Acquisition and Durability of Skills on a Simulation Console. K. D. Gray¹, J. Burshtein¹, T. M. Ullmann¹, A. Elmously¹, T. Beninato¹, C. Afaneh¹, T. J. Fahey¹, R. Zarnegar¹ ¹NEW YORK-PRESBYTERIAN-CORNELL, New York, NY, USA

57.09. In-situ OR Simulations Increases Confidence and Knowledge of Emergency Events. S. Torres Landa¹, R. Caskey¹, V. Zoghbi¹, J. H. Atkins¹, N. N. Williams¹, A. D. Brooks¹, K. R. Dumon¹ ¹Hospital of the University of Pennsylvania, Philadelphia, PA, USA

57.11. A Video-Based Coaching Intervention to Improve Surgical Skill in Fourth Year Medical Students. M. B. Alameddine¹, M. Englesbe¹, S. Waits¹ ¹University of Michigan, Surgery, Ann Arbor, MI, USA

57.12. Immediate Visual Feedback's Impact on Skill and Confidence During Complex Tourniquet Application. J. C. Xu¹, C. Kwan¹, C. Pugh¹ ¹University of Wisconsin, School of Medicine and Public Health, Madison, WI, USA

57.13. Simulation model for Laparoscopic and Robotic Foregut Surgery. F. Schlottmann¹, N. S. Murty¹, M. G. Patti¹ ¹University of North Carolina, Surgery, Chapel Hill, NC, USA

57.14. Multi-Lingual Pedagogy Techniques for Low Confidence First Responders: Innovative Global Trauma Defense. D. Vyas¹, S. Huffman¹, J. Wright¹, E. Larumbe¹, H. Purohit² ¹Texas Tech Health Science Center School of Medicine, Department of Surgery, Odessa, TX, USA ²Arogyaa Healthcare Private Limited, Chennai, TAMIL-NADU, India

57.15. Surgical Skills Olympiad: A Four-Year Experience in a General Surgery Residency. A. D. Caine¹, A. Kunac¹, J. Schwartzman¹, A. M. Merchant¹, D. H. Livingston¹ ¹Rutgers New Jersey Medical School, General Surgery, Newark, NJ, USA

57.16. A Novel Cadaver-Based Model for Negative Pressure Therapy Training. C. B. Horn¹, A. Coleoglou Centeno¹, M. M. Frisella¹, C. M. Donald¹, G. V. Bochicchio¹, S. R. Eaton¹, J. P. Kirby¹, L. J. Punch¹ ¹Washington University, Department of Surgery, St. Louis, MO, USA

57.17. the Use of Virtual Humans for Team Training in the Operating Room. W. Goering¹, J. W. Menard¹, A. Deladisma¹, M. Dimachk¹, J. Wood³, B. Lok³, S. Lampotang⁴, A. Wendling², A. Cordar³, D. S. Lind¹ ¹University of Florida-Jacksonville, General Surgery, Jacksonville, FL, USA ²University of Florida-Jacksonville, Anesthesia, Jacksonville, FL, USA ³University of Florida-Gainesville, Computer & Information Science & Engineering, Gainesville, FL, USA ⁴University of Florida-Gainesville, Anesthesia, Gainesville, FL, USA

57.18. Video Gaming Influence on Technical Abilities Amongst Surgical and Non-Surgical Residents.. J. Lam¹, C. Maeda¹, T. Suzuki¹, T. Pham¹, D. Bernstein¹, B. Sandler¹, G. Jacobsen¹, S. Horgan¹ ¹University of California - San Diego, Minimally Invasive Surgery, San Diego, CA, USA

57.19. Global Health Preparation: Surgery and Anesthesia Simulation. D. M. Langston¹, M. Eskendar¹, F. M. Peralta¹, A. Doobay-Persaud¹, N. Issa¹, S. Galvin¹, M. Swaroop¹ ¹Northwestern University, Chicago, IL, USA

57.20. A Cadaver-Based Enteroatmospheric Fistula Model for Negative Pressure Therapy Training. A. Coleoglou Centeno¹, C. B. Horn¹, M. M. Frisella¹, C. M. Donald¹, G. V. Bochicchio¹, S. R. Eaton¹, J. P. Kirby¹, L. J. Punch¹ ¹Washington University, Department of Surgery, St. Louis, MO, USA

4:30 PM - 5:30 PM

SUS New Member Poster Session

GRAND BALLROOM FOYER

GROUP 1**Poster Moderators: Rebecca Minter, MD and Sharon Weber, MD**

- P1. An Endovascular, Totally Implantable Cardiac Support Device for early Class III Heart Failure; *P. Bonde*
- P2. Outcomes in patients with ventricular dysfunction undergoing off-pump vs on-pump CABG; *J. E. Davies*
- P3. MTC in MEN2A: ATA Moderate or High-Risk RET Mutations Do Not Predict Disease Aggressiveness; *E.G. Grubbs*
- P4. The Thyroid Cancer Policy Model: A Mathematical Simulation Model of Thyroid Cancer; *C. C. Lubitz*
- P5. The Learning Curve of Transvaginal NOTES Cholecystectomy; *K. Roberts*
- P6. Qualitative Analysis of a Cultural Dexterity Program for Surgeons: Feasible, Impactful, and Essential; *D. S. Smink*

GROUP 2**Poster Moderators: Allan Tsung, MD and Sandra Wong, MD, MS**

- P7. What Is The Benefit Of Margin Negative Resection In Node Positive Extrahepatic Cholangiocarcinoma?; *M.S. Baker*
- P8. Donor-derived Non-classical Monocytes Mediate Primary Lung Allograft Dysfunction; *A. Bharat*
- P9. Obesity is Associated with Increased Risk of Mortality among Living Kidney Donors; *J.E. Locke*
- P10. Clinical outcomes and superinfection in HIV+ to HIV+ renal transplants; *E. Muller*
- P11. Specialized Critical Care Model and Short-Term Survival Outcomes Following Liver Transplantation; *M.A. Zimmerman*
- P12. Organizational Dynamics and Failure to Rescue After Major Surgery; *A. A. Ghaferi*

GROUP 3**Poster Moderators: Gregory Kennedy, MD, PhD and Kelli Bullard-Dunn, MD**

- P13. Standardized infection reduction bundle leads to decrease in colorectal surgical site infections; *M. A. Guerrero*
- P14. COMP Gene is Over-expressed In Colon Cancer In Young Patient and Associated With Poor Survival; *V. N. Nfonsam*
- P15. Enhanced Recovery After Colorectal Surgery: Can We Afford Not to Use it?; *I. M. Paquette*
- P16. Post-operative 30-day Readmission: Time to Focus on What Happens Outside the Hospital; *M. Morris*
- P17. Optimizing Surgical Outcomes: Strong for Surgery Program and Precision Exercise Prescription Trial; *T. K. Varghese*
- P18. Oligo-Metastases in Patients with Colon Cancer; *K. K. Turaga*

GROUP 4**Poster Moderators: Timothy Pritts, MD, PhD and Timothy Donahue, MD**

- P19. Surgical Frailty: Research Agenda to Measure and Mitigate Frailty-Associated Risk Before Surgery; *D. E. Hall*
- P20. Prehospital Tourniquet Use in Operation Iraqi Freedom: Effect on Hemorrhage Control and Outcomes; *A. C. Beekley*
- P21. The Epidemiology of Resuscitative Thoracotomy: Does Center Volume Matter?; *D. N. Holena*
- P22. Remote Ischemic Conditioning Attenuates Cognitive and Motor Deficits From Traumatic Brain Injury; *B. Joseph*
- P23. Surgery and Anesthesia Exposure Is Not a Risk Factor for Cognitive Impairment; *M. B. Patel*
- P24. Defining Acute, Modifiable Risk Factors for Lung Injury Following Trauma; *B. R. Robinson*

GROUP 5**Poster Moderators: David Hackam, MD, PhD and Danny Chu, MD**

- P25. Prospective Evaluation of Non-Operative Management of Uncomplicated Appendicitis in Children; *S. L. Lee*
- P26. Effectiveness of Non-Operative Management of Uncomplicated Appendicitis in Children; *P. C. Minneci*
- P27. Thromboelastography (TEG)-Guided Management of Anticoagulation In Extracorporeal Membrane Oxygenation; *C. Muratore*
- P28. Multimodal Pain Prophylaxis reduces length of stay of bariatric surgical patients; *A. J. Duffy*
- P29. Spinal Cord Ischemia After Aneurysm Repair; Cellular, Molecular Mechanisms and Treatment Implications; *H. F. El Sayed*
- P30. Medical Student Mistreatment in the Surgery Core Clerkship; *J. Lau*

GROUP 6**Poster Moderators: Taylor Riall, MD, PhD and Clifford Cho, MD**

- P31. Preoperative therapy for borderline resectable pancreatic cancer; *M. H. Katz*
- P32. The Effect of Health Insurance on the Treatment of Pancreatic Cancer; *A. A. Parikh*
- P33. Radiation and Natural Killer Cell Immunotherapy in Canine Sarcomas and First-in-Dog Clinical Trial; *R. J. Canter*
- P34. Should age be considered in decision making for SLN biopsy in patients with melanoma?; *G. C. Karakousis*
- P35. Stemness, Notch, and EZH2 in Melanoma; *J. M. Mammen*
- P36. Neoadjuvant Therapy Versus a Surgery-First Approach for Patients with Gastroesophageal Cancers; *J. T. Mullen*

OR



SCIENTIFIC PROGRAM

Wednesday, January 31, 2018

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|-----------|--------------------|--|--------------------|
| TUESDAY | 4:30 PM - 5:30 PM | AAS Resident/Student Meet the Leadership Reception | DAYTONA |
| | 5:30 PM - 7:00 PM | AAS Business Meeting | GRAND BALLROOM 1-3 |
| | 7:00 PM - 12:00 AM | ASC Celebration Event and AAS/SUSF Poker Tournament | GRAND BALLROOM 4-5 |
| | | | |
| WEDNESDAY | | | |
| | | | |
| THURSDAY | | | |

6:15 AM - 7:30 AM

ASC Fun Run!

FRONT OF HOTEL

Join us for the first annual ASC Fun Run. This will be a 5k run along the St. John's River.
Pre registration required.

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**58. BASIC SCIENCE: TRAUMA IMMUNOLOGY AND CRITICAL CARE ORAL SESSION**

CITY TERRACE 4

MODERATORS: Alicia M. Mohr, MD & Sean F. Monaghan, MD

58.01. Invariant Natural Killer-T-cells mediate sepsis survival via modulation of the Ang-1/Ang-2 pathway. D. S. Heffernan¹, T. T. Chun¹, C. Chung¹, A. Ayala¹, J. Lomas-Neira¹ ¹Brown University School of Medicine, Surgical Research, Providence, RI, USA

58.02. TLR2 and TNF Induce Acute Kidney Injury Through Renal C3 Production in Diabetic Mice During Sepsis. L. M. Frydrych¹, G. Bian¹, K. He¹, G. K. Wakam¹, M. S. Anderson¹, F. Fattahi², P. A. Ward², M. J. Delano¹ ¹University of Michigan, Department of Surgery, Division of Acute Care Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Pathology, Ann Arbor, MI, USA

58.03. Systemic Regulation of Bone Marrow Stromal Cytokines Following Severe Trauma. E. S. Miller¹, T. J. Loftus¹, K. B. Kannan¹, P. A. Efron¹, A. M. Mohr¹ ¹University of Florida College of Medicine, Department of Surgery, Gainesville, FL, USA

58.04. Human Mesenchymal Stem Cells Hasten the Kinetics of Clot Formation. M. J. George¹, K. Prabhakara¹, N. E. Toledano-Furman¹, Y. Wang¹, S. D. Olson¹, B. S. Gill¹, C. E. Wade¹, C. S. Cox¹ ¹University of Texas Health Science Center at Houston, Pediatric Surgery, Houston, TX, USA

58.05. the Endocannabinoid System: A Biomarker for Pain in the Traumatically Injured? C. M. Trevino¹, S. Chesney², C. Hillard¹, T. DeRoos-Cassini¹ ¹Medical College of Wisconsin, Surgery Trauma and Acute Care Surgery, Milwaukee, WI, USA ²Marquette University, Milwaukee, WI, USA

58.06. Early Continuous Renal Replacement Therapy Alleviates Post-Cardiac Arrest Syndrome after Hemorrhage. P. Shen^{1,2,3}, J. Xu^{1,2,4}, S. Xia^{1,2}, S. Liu^{1,2}, Z. Li⁴, M. Zhang^{1,2} ¹Department of Emergency Medicine, Second Affiliated Hospital, Zhejiang University School of Medicine, Hangzhou, ZHEJIANG, China ²Institute of Emergency Medicine, Zhejiang University, Hangzhou, ZHEJIANG, China ³Department of Intensive Care Medicine, the First Hospital of Jiaxing, Jiaxing, ZHEJIANG, China ⁴Department of Emergency Medicine, Yuyao People's Hospital, Medical School of Ningbo University, Ningbo, ZHEJIANG, China

58.07. Post-Injury Righting Time Paradoxically Decreases with Cumulative Mild Concussive Events in Rodents. M. Srour¹, G. Bamparas¹, N. K. Dhillon¹, N. Cho¹, M. Alkaslasi¹, E. J. Smith¹, E. J. Ley¹, G. M. Thomsen¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

58.09. Traumatic Endotheliopathy is Associated With Arrival Hypocoagulability in Level-1 Trauma Patients. E. Gonzalez Rodriguez¹, J. Cardenas¹, B. Cotton¹, Y. Wang¹, S. Ostrowski², J. Stensballe^{2,3}, P. Johansson^{1,2}, J. Holcomb¹, C. Wade¹ ¹University of Texas Health Science Center at Houston, Center for Translational Injury Research, Houston, TX, USA ²Copenhagen University Hospital, Section for Transfusion Medicine, Capital Region Blood Bank, Copenhagen, -, Denmark ³Copenhagen University Hospital, Department of Anesthesia, Centre of Head and Orthopedics, Copenhagen, Denmark

58.10. Blue Light Improves Survival After Pneumonia By Augmenting Circadian Protein Expression. J. E. Griepentrog¹, A. J. Lewis¹, X. Zhang¹, J. S. Lee², M. R. Rosengart¹ ²University of Pittsburgh, Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, Pittsburgh, PA, USA ¹University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**59. BASIC SCIENCE: TISSUE INJURY AND WOUND HEALING ORAL SESSION**

CITY TERRACE 5

MODERATOR: Jonathan Karpelowsky, MBBCh, PhD

59.01. * Colombian Surgical Association Visitor: Differences in vascular reactivity of arteries of colon tumors vs. non tumoral arteries in humans: role of phenylephrine, thromboxane and bradykinin.. N. Cupitra¹, A. Múnera Duque², JP León², R. Narvaez-Sanchez¹ ¹PHYSIS Group, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia ²Department of Surgery, Faculty of Medicine, University of Antioquia, Medellín, Antioquia, Colombia

59.02. Rapamycin Inhibits Primary and Recurrent Heterotopic Ossification in Genetically Susceptible FOP Mice. C. Hwang¹, S. Ucer¹, C. Pagani¹, N. Patel¹, A. Vaishampayan¹, M. Sorkin¹, M. T. Chung¹, J. Li¹, C. Breuler¹, C. Priest¹, A. N. Economides³, S. Agarwal¹, Y. Mishina², B. Levi¹ ¹University of Michigan, Section of Plastic Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Biologic and Material Sciences, School of Dentistry, Ann Arbor, MI, USA ³Regeneron Pharmaceuticals and Genetics Center, Tarrytown, NY, USA

59.03. Loss of Intestinal Alkaline Phosphatase Leads to Distinct Changes in Bone Phenotype. F. Kuehn¹, F. Adiliaghdam¹, S. R. Hamarneh¹, R. Vasan¹, E. Liu¹, Y. Liu¹, J. M. Ramirez¹, F. C. Ko², M. L. Bouxsein², M. N. Wein², M. B. Demay², R. A. Hodin¹ ¹Massachusetts General Hospital, Surgery, Boston, MA, USA ²Massachusetts General Hospital, Endocrinology, Boston, MA, USA

59.04. Adipose Derived Stromal Cell Enhancement of Cancer Growth Likely Due To Specific Gene Upregulations. D. M. Irizarry¹, J. S. Flacco¹, C. P. Blackshear¹, C. F. Montenegro¹, D. Nguyen¹, N. Quarto¹, A. Giaccia¹, M. T. Longaker^{1,2}, D. C. Wan¹ ¹Stanford University, Plastic and Reconstructive Surgery, Palo Alto, CA, USA ²Institute for Stem Cell Research and Regenerative Medicine, Palo Alto, CA, USA

59.05. Reverse Thermal Gel: Our Candidate for an Early, Minimally Invasive Method to Patch Myelomeningocele. J. R. Bardill¹, D. Park¹, U. Shabeka³, A. I. Marwan^{1,2,3} ³University of Colorado Denver, Laboratory for Fetal Regenerative Biology, Aurora, CO, USA ¹University of Colorado Denver, Bioengineering, Aurora, CO, USA ²Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA

59.06. Macrophage Transplantation Accelerates Repair of Cutaneous Wounds but not Cranial Defects. M. R. Borrelli¹, M. S. Hu¹, W. Hong¹, G. G. Walmsley¹, M. P. Murphy¹, M. Lopez¹, R. C. Ransom¹, H. P. Lorenz¹, M. T. Longaker¹ ¹Stanford University, Plastic Surgery and Pediatric Regenerative Medicine, Palo Alto, CA, USA

59.07. Ischemia-Reperfusion Injury Induces Neuronal Cell Division in the Murine Enteric Nervous System. C. J. Greig^{1,2}, C. J. Park¹, S. J. Armenia¹, L. Zhang¹, R. A. Cowles¹ ¹Yale University School of Medicine, New Haven, CT, USA ²University of Massachusetts Medical School - Baystate Medical Center, Springfield, MA, USA

TUESDAY

59.08. Skin Fibrosis is Decreased by Local Application of Doxycycline Without Compromising Tensile Strength. R. E. Jones^{1,2}, A. L. Moore^{2,3}, M. P. Murphy², D. S. Foster², S. Mascharak², B. Duoto^{2,4}, D. Irizarry^{2,5}, E. A. Brett², G. Wernig⁶, M. T. Longaker² ¹University of Texas Southwestern Medical Center, General Surgery, Dallas, TX, USA ²Stanford University, Department of Surgery, Palo Alto, CA, USA ³Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA ⁴San Jose State University, San Jose, CA, USA ⁵Beth Israel Deaconess Medical Center, Department of Surgery, Boston, MA, USA ⁶Stanford University, Department of Pathology, Palo Alto, CA, USA

59.09. Prrx1 Identifies the Fibroblast Sub-Population Responsible for Scarring in the Ventral Dermis. M. S. Hu¹, T. Leavitt¹, R. Ransom¹, J. Garcia¹, U. Litzzenburger¹, G. Walmsley¹, C. Marshall¹, L. Barnes¹, A. Moore¹, E. Zielins¹, C. Chan¹, D. Wan¹, P. Lorenz¹, H. Chang¹, M. Longaker¹ ¹Stanford University, Division of Plastic Surgery, Department of Surgery, Palo Alto, CA, USA

59.10. Psychosocial Stress and Dysbiosis Alter Intestinal Immunity in C57BL/6. S. Deas¹, J. Neilson¹, K. Brawner¹, C. Morrow², C. Martin¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Department of Cell, Developmental, and Integrative Biology, Birmingham, Alabama, USA

WEDNESDAY

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

60. BASIC SCIENCE: ONCOLOGIC MODELING AND THERAPEUTICS ORAL SESSION

CITY TERRACE 6

MODERATORS: Brian R. Untch, MD & Sanjeev Vasudevan, MD

THURSDAY

60.01. A Tumor Infiltrating Nanoparticle Delivery Platform for In Vivo KRAS Knockdown. B. A. Krasnick¹, M. S. Strand¹, N. Sankpal¹, Y. Bi¹, P. Goedegebuure¹, S. Wickline², H. Pan², R. C. Fields¹ ¹Washington University, Surgery, St. Louis, MO, USA ²University of South Florida College of Medicine, Cardiology, Tampa, FL, USA

60.02. Rectal Cancer Patient Derived Xenograft Model to Advance Personalized Therapy. S. A. Becker¹, Y. Zhu¹, C. Wang⁴, A. W. Cross², E. Curl², K. E. Armeson⁵, K. E. Hurst¹, D. N. Lewin², G. Warren⁶, B. J. Hoffman⁴, E. G. Hill⁵, V. J. Findlay², E. R. Camp¹ ¹Medical University of South Carolina, Department of Surgery, Charleston, SC, USA ²Medical University of South Carolina, Department of Pathology, Charleston, SC, USA ³Medical University of South Carolina, Charleston, SC, USA ⁴Medical University of South Carolina, Department of Medicine, Charleston, SC, USA ⁵Medical University of South Carolina, Department of Public Health Sciences, Charleston, SC, USA ⁶Medical University of South Carolina, Department of Radiation Oncology, Charleston, SC, USA

60.03. Rituximab Decreases Lymphoproliferative Tumors and Increases Success of Patient-Derived Xenografts. J. L. Leiting¹, M. C. Hernandez¹, L. Yang², J. R. Bergquist¹, M. J. Truty¹ ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Mayo Clinic, Center for Individualized Medicine, Rochester, MN, USA

60.04. Synergistic Apoptosis Following Endoplasmic Reticulum Stress Aggravation in Mucinous Colon Cancer. B. D. Honick¹, A. K. Dilly¹, S. Hong¹, Y. J. Lee^{1,2}, H. J. Zeh¹, D. L. Bartlett¹, H. A. Choudry¹ ²University of Pittsburgh, Department of Pharmacology & Chemical Biology, Pittsburgh, PA, USA ¹University of Pittsburgh, Department of Surgery, Pittsburgh, PA, USA

60.05. the contribution of Enterococcus-mediated plasmin(ogen) activation in anastomotic leak pathogenesis. R. A. Jacobson^{1,2}, O. Zaborina¹, J. C. Alverdy¹ ¹The University of Chicago, Surgery, Chicago, IL, USA ²Rush University/Cook County, Surgery, Chicago, IL, USA

60.06. Topical application of a Dual PI3K/mTOR Inhibitor for the Prevention of Anal Carcinogenesis In Vivo. B. L. Rademacher¹, L. M. Meske¹, K. A. Matkowskyj², E. D. LaCount¹, E. H. Carchman¹ ¹University of Wisconsin, Department of Surgery, Division of General Surgery, Madison, WI, USA ²University of Wisconsin, Department of Pathology and Laboratory Medicine, Madison, WI, USA

60.07. Lipidomic Profiling Identifies Phospholipase A2 as a Novel Effective Therapy for HNSCC In Vivo. C. Subramanian¹, T. M. Rajendran², T. Soni³, M. S. Cohen¹ ¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²University of Michigan, Pathology and Michigan Regional Metabolomics Resource Core, Ann Arbor, MI, USA ³University of Michigan, Michigan Regional Metabolomics Resource Core, Ann Arbor, MI, USA

60.08. Cationic Polymer Inhibits Pancreatic Cancer Invasion in vitro and Metastasis in vivo. I. A. Naqvi¹, R. Gunaratne¹, J. McDade¹, D. Rouse¹, J. Lee¹, B. Sullenger¹, R. White² ¹Duke University Medical Center, Surgery, Durham, NC, USA ²University of California - San Diego, Surgery, San Diego, CA, USA

60.09. Innate Inflammation Regulation in Non-Human Primate Model of Brain Death and Kidney Transplantation. S. K. Odorico¹, L. Ziturs¹, T. Zens¹, P. Chlebeck¹, J. Danobeitia¹, A. D'Alessandro¹, L. Fernandez¹ ¹University of Wisconsin, Department of Surgery, Division of Transplantation, Madison, WI, USA

60.10. Interstitial pressure affects efficiency of lymphangiogenesis in 3D culture. W. Jiao¹, G. Lee¹, S. Park¹, B. Shaw¹, C. Sung¹, B. Han¹, Y. Hong¹, A. K. Wong¹ ¹University of Southern California, Plastic Surgery, Los Angeles, CA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**61. BASIC SCIENCE: SURGICAL TRANSLATIONAL SCIENCE ORAL SESSION**

CITY TERRACE 7

MODERATORS: Allan M. Goldstein, MD & Sundeep G. Keswani, MD

- 61.02. Patient Derived Xenografts Capture Cancer Cachexia and Preserve the Tumor Immune Signaling Profile.** M. H. Gerber¹, S. Judge², D. Delitto¹, A. Delitto², R. Nosacka², S. Wallet³, A. Judge², J. Trevino¹ ¹University of Florida, Department of Surgery, Gainesville, FL, USA ²University of Florida, Department of Physical Therapy, Gainesville, FL, USA ³University of Florida, Department of Oral Biology, Gainesville, FL, USA
- 61.03. Distinct Lipid Mediator Profile Associated With Arteriovenous Fistula Maturation.** J. Rozowsky¹, K. Staton¹, K. O'Malley¹, M. S. Conte², M. R. Spite³, S. Berceci¹ ¹University of Florida, Vascular Surgery, Gainesville, FL, USA ²University of California - San Francisco, Vascular Surgery, San Francisco, CA, USA ³Brigham and Women's Hospital, Anaesthesia, Boston, MA, USA
- 61.04. Metabolomic Signatures and Nitric Oxide Pathway Perturbations of End Stage Renal Disease Patients.** K. M. Staton¹, J. Rozowsky¹, E. Quinlivan², C. Kuppler¹, S. Gray¹, T. Garrett², S. Berceci¹ ¹University of Florida, Vascular Surgery, Gainesville, FL, USA ²University of Florida, Experimental Pathology, Gainesville, FL, USA
- 61.05. Differential Expression of Fatty Acid Synthase in Patients with Carotid Artery Stenosis.** G. S. De Silva¹, M. S. Darwech¹, K. S. Desai¹, N. S. Haroun¹, C. F. Semenkovich³, M. A. Zayed^{1,2} ¹Washington University In St. Louis, Division of Vascular Surgery, Saint Louis, MO, USA ²Veterans Affairs St. Louis Health Care System, Division of Vascular Surgery, Saint Louis, MO, USA ³Washington University In St. Louis, Division of Endocrinology, Lipid, and Metabolism, Saint Louis, MO, USA
- 61.06. Adjuvant Therapy Improves Survival In a Novel Immuno-competent Model of Pancreatic Cancer Resection..** B. Giri¹, V. Sethi¹, B. Garg¹, A. Farrantella¹, S. Kurtom¹, S. Modi¹, Z. Malchiodi¹, L. Hellmund¹, S. Ramakrishnan¹, S. Banerjee¹, A. Saluja¹, S. Lavania¹, V. Dudeja¹ ¹University of Miami, Department of Surgery, Miami, FL, USA
- 61.07. A Retrievable RESCUE Stent for Hemorrhage Control in a Porcine Model of Caval Injury.** C. C. Go¹, J. M. Kuhn³, Y. Chen², Y. Chun², B. Tillman^{1,3} ¹University of Pittsburgh Medical Center, Division of Vascular Surgery, Pittsburgh, PA, USA ²Swanson School of Engineering, Department of Industrial Engineering, Pittsburgh, PA, USA ³University of Pittsburgh, McGowan Institute of Regenerative Medicine, Pittsburgh, PA, USA
- 61.08. Fat Grafting into Younger Recipients Positively Correlates with Volume Retention.** C. P. Blackshear¹, N. N. Chung¹, D. M. Irizarry¹, E. A. Brett¹, J. M. Flacco¹, A. Momeni¹, G. K. Lee¹, D. H. Nguyen¹, M. T. Longaker^{1,2}, D. C. Wan¹ ¹Hagey Laboratory for Pediatric Regenerative Medicine, Department of Surgery, Plastic and Reconstructive Surgery Division, Stanford University School of Medicine, Stanford, CA, USA ²Institute for Stem Cell Biology and Regenerative Medicine, Stanford University, Stanford, CA, USA
- 61.09. T Cells Potentiate Wound Repair By Regulating Extracellular Matrix Inflammation and Fibrosis.** E. H. Steen¹, X. Wang¹, S. Balaji¹, H. Li¹, M. Fahrenholtz¹, M. Butte⁴, P. Bollyky³, S. Keswani^{1,2} ¹Baylor College of Medicine, Department of Surgery, Houston, TEXAS, USA ²Texas Children's Hospital, Department of Pediatric Surgery, Houston, TEXAS, USA ³Stanford University, Department of Medicine, Division of Infectious Diseases and Geographic Medicine, Palo Alto, CALIFORNIA, USA ⁴University of California, Los Angeles, Department of Pediatrics, Division of Allergy and Immunology, Los Angeles, CALIFORNIA, USA
- 61.10. Altered Shear Forces Precipitate Fibrotic Remodeling in Discrete Subaortic Stenosis.** E. H. Steen¹, M. Fahrenholtz¹, M. Kang³, L. Wadhwa⁴, J. Grande-Allen^{1,3}, S. Balaji¹, S. Keswani^{1,2} ¹Baylor College of Medicine, Department of Surgery, Houston, TX, USA ²Texas Children's Hospital, Department of Pediatric Surgery, Houston, TX, USA ³Rice University, Department of Bioengineering, Houston, TX, USA ⁴Texas Children's Hospital, Department of Surgery, Congenital Heart Surgery Service, Houston, TX, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**62. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE ORAL SESSION**

CITY TERRACE 8

MODERATORS: Bellal Joseph, MD & Catherine G. Velopulos, MD, BA

- 62.01. High Value Care through Standardization of Continuous Renal Replacement Therapy.** J. Tseng¹, N. Minissian², R. J. Halbert², P. Hain², T. Griner², H. Rodriguez², S. Barathan², R. F. Alban¹ ¹Cedars-Sinai Medical Center, Department of Surgery, Los Angeles, CA, USA ²Cedars-Sinai Medical Center, Los Angeles, CA, USA
- 62.02. Are Trends in Fatal and Non-Fatal Firearm Related Injuries in Miami-Dade County Racially Divergent?** A. B. Padiadpu¹, S. A. Eidelson¹, J. Stoler², M. B. Mulder¹, R. Rattan¹, T. L. Zakrisson¹ ¹University of Miami, Ryder Trauma Center, the DeWitt Daughtry Family Department of Surgery, Miller School of Medicine, Miami, FL, USA ²University of Miami, Department of Geography and Regional Studies, Department of Public Health Sciences, Miami, FL, USA
- 62.03. Trauma Patients have Improved Access to Post-Discharge Resources through the Affordable Care Act.** A. Y. Williams¹, S. N. Davis¹, S. K. Hill¹, P. Connor¹, Y. Lee¹, C. C. Butts¹, J. Simmons¹, S. Brevard¹, L. Ding¹ ¹University of South Alabama Medical Center, Department of Trauma, Surgical Critical Care and Burn Surgery, Mobile, AL, USA
- 62.04. Functional Inclusivity of the Northwest London Trauma Network.** J. M. Wohlgemut¹, J. Davies², C. Aylwin², J. J. Morrison³, E. Cole⁴, N. Batrick², S. I. Brundage⁴, J. O. Jansen⁵ ¹Aberdeen Royal Infirmary, Department of Surgery, Aberdeen, SCOTLAND, United Kingdom ²Imperial College Healthcare NHS Trust, St Mary's Hospital, North West London Trauma Network, London, ENGLAND, United Kingdom ³University of Maryland, R Adam Cowley Shock Trauma Center, Baltimore, MD, USA ⁴Queen Mary University of London, Centre for Trauma Sciences, Blizard Institute, London, ENGLAND, United Kingdom ⁵University of Alabama at Birmingham, Division of Acute Care Surgery, Department of Surgery, Birmingham, Alabama, USA
- 62.05. The Sooner the Better: Use of a Real Time Automated Bedside Dashboard to Improve Sepsis Care.** A. Jung¹, M. D. Goodman¹, C. Droege¹, V. Nomellini¹, J. A. Johannigman¹, J. B. Holcomb², T. A. Pritts¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA ²University of Texas Health Science Center at Houston, Houston, TX, USA
- 62.06. ADAMTS13 activity correlates with coagulopathy after trauma: a potential novel marker and mechanism.** M. R. Dyer¹, W. Plautz¹, M. A. Rollins-Raval², J. S. Raval², B. S. Zuckerbraun¹, M. D. Neal¹ ¹University of Pittsburgh, Surgery, Pittsburgh, PA, USA ²University of North Carolina at Chapel Hill, Pathology and Laboratory Medicine, Chapel Hill, NC, USA

TUESDAY

- 62.07. Rapid Release of Blood Products Protocol Optimizes Blood Product Utilization Compared to Standard MTP.** S. Jammula¹, C. Morrison¹ ¹Penn Medicine Lancaster General Health, Trauma Services, Lancaster, PA, USA
- 62.08. Rapid and Efficient: Comparison of Native, Kaolin and Rapid Thrombelastography Assays in Trauma.** J. Coleman¹, E. E. Moore², A. Banerjee¹, C. C. Silliman¹, M. P. Chapman¹, H. B. Moore¹, A. Ghasabyan², J. Chandler², J. Samuels¹, A. Sauaia¹ ¹University of Colorado, Surgery, Denver, CO, USA ²Denver Health, Surgery, Denver, CO, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

63. CLINICAL/OUTCOMES: CARDIOTHORACIC ORAL SESSION

CITY TERRACE 9

MODERATORS: Mike Argenziano, MD & Peyman Benharash, MD

- 63.01. Nationwide Comparison of Cost & Outcomes of Transcatheter vs Surgical Aortic Valve Replacement.** M. Lopez¹, J. Parreco¹, M. Eby¹, J. Buicko¹, R. Kozol¹ ¹University of Miami, Palm Beach, General Surgery Residency, Miami, FL, USA
- 63.02. Risk Factors for and Outcomes of Conversion to Thoracotomy during Robotic-Assisted Lobectomy.** S. Hernandez², F. Velez-Cubian², R. Gerard², C. Moodie¹, J. Garrett¹, J. Fontaine^{1,2}, E. Toloza^{1,2} ¹Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA ²University of South Florida Health Morsani College of Medicine, Tampa, FL, USA
- 63.03. the Additive Effect of Comorbidity and Complications on Readmission after Pulmonary Lobectomy.** R. A. Jean^{1,2}, A. S. Chiu¹, J. D. Blasberg³, D. J. Boffa³, F. C. Detterbeck³, A. W. Kim⁴ ¹Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ²Yale University School of Medicine, National Clinician Scholars Program, New Haven, CT, USA ³Yale University School of Medicine, Section of Thoracic Surgery, Department of Surgery, New Haven, CT, USA ⁴Keck School of Medicine of USC, Division of Thoracic Surgery, Department of Surgery, Los Angeles, CA, USA
- 63.04. Incidence, Costs and Length of Stay for Heparin Induced Thrombocytopenia in Cardiac Surgery Patients.** E. Aguayo¹, K. L. Bailey¹, Y. Seo¹, A. Mantha², V. Dobaria¹, Y. Sanaiha¹, P. Benharash¹ ¹University of California at Los Angeles, Department of Surgery/ Division of Cardiac Surgery, Los Angeles, CA, USA ²University of California - Irvine, School of Medicine, Orange, CA, USA
- 63.05. Immune Cell Alterations after Cardiac Surgery Associated with Increased Risk of Complications and Mortality.** D. J. Picone¹, N. R. Sodha¹, T. C. Geraci¹, J. T. Machan¹, F. W. Sellke¹, W. G. Cioffi¹, S. F. Monaghan¹ ¹Brown University School of Medicine, Surgery, Providence, RI, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

64. CLINICAL/OUTCOMES: HEPATOPANCREATOBILIARY ORAL SESSION

CITY TERRACE 10

MODERATORS: Jin He, MD, PhD & Kelly Olino, MD

- 64.02. Isolated Pancreatic Tail Remnants After Transgastric Necrosectomy Can Be Observed.** C. W. Jensen¹, S. Friedland², P. J. Worth¹, G. A. Poultsides¹, J. A. Norton¹, W. G. Park², B. C. Visser¹, M. M. Dua¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²Stanford University, Gastroenterology, Palo Alto, CA, USA
- 64.03. National Trends and Predictors of Adequate Nodal Sampling for Resectable Gallbladder Adenocarcinoma.** A. J. Lee¹, Y. Chiang¹, C. Conrad¹, Y. Chun-Segraves¹, J. Lee¹, T. Aloia¹, J. Vauthey¹, C. Tzeng¹ ¹University of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA
- 64.04. Comparing Frailty Scales to Guide Creation of a Multidimensional Assessment for Surgical Patients.** J. McDonnell¹, P. R. Varley¹, D. E. Hall^{1,2}, J. W. Marsh¹, D. A. Geller¹, A. Tsung¹ ¹University of Pittsburgh, General Surgery, Pittsburgh, PA, USA ²VA Pittsburgh Healthcare System, General Surgery, Pittsburgh, PA, USA

- 62.09. Readmission for Falls Among Elderly Trauma Patients and the Impact of Anticoagulation Therapy.** A. S. Chiu¹, R. A. Jean¹, M. Flemming¹, B. Resio¹, K. Y. Pei¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA
- 62.10. Failure to Rescue is Associated with Delayed Exploratory Laparotomy After Traumatic Injury.** A. M. Stey¹, T. Bongiovanni¹, R. Callcut¹ ¹University of California San Francisco, Department of Surgery, San Francisco, CA, USA

- 63.06. A Nationwide Study of Treatment Modalities for Thoracic Aortic Injury.** Y. Seo¹, E. Aguayo¹, K. Bailey¹, Y. Sanaiha¹, V. Dobaria², P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA ²University of California - Los Angeles, Los Angeles, CA, USA
- 63.07. Outcomes and Readmissions after Orthotopic Heart Transplant vs Left Ventricular Assist Devices.** E. Aguayo¹, L. Mukdad¹, A. Mantha¹, A. Iyengar¹, R. Hernandez¹, P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA
- 63.08. In-hospital Outcomes and Resource Use for Robotic Mitral Valve Repair: Beyond the Learning Curve.** Y. Seo¹, Y. Sanaiha¹, K. Bailey¹, E. Aguayo¹, A. Mantha³, V. Dobaria², A. Chao¹, T. Fan¹, N. Satou¹, P. Benharash¹ ³University of California - Irvine, Orange, CA, USA ¹David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA ²University of California - Los Angeles, Los Angeles, CA, USA
- 63.09. Outcomes in VATS Lobectomies: Challenging Preconceived Notions.** D. J. Gross¹, P. L. Rosen¹, V. Roudnitsky⁴, M. Muthusamy³, G. Sugiyama², P. J. Chung³ ²Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NEW YORK, USA ³Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA ⁴Kings County Hospital Center, Department of Surgery, Division of Acute Care Surgery and Trauma, Brooklyn, NY, USA ¹SUNY Downstate, Department of Surgery, Brooklyn, NY, USA
- 63.10. Acid Suppression to Prevent Gastrointestinal Bleeding in Patients with Ventricular Assist Devices.** A. W. Hickman¹, N. W. Lonardo¹, M. C. Mone¹, A. P. Presson¹, C. Zhang¹, R. G. Barton¹, S. H. McKellar¹, C. H. Selzman¹ ¹University of Utah, Salt Lake City, UT, USA

- 64.05. Prognostic Value of Hepatocellular Carcinoma Staging Systems: A Comparison.** S. Bergstresser², P. Li², K. Vines², B. Comeaux¹, D. DuBay³, S. Gray^{1,2}, D. Eckhoff^{1,2}, J. White^{1,2} ¹University of Alabama at Birmingham, Department of Surgery, Division of Transplantation, Birmingham, Alabama, USA ²University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA ³Medical University of South Carolina, Department of Surgery, Division of Transplantation, Charleston, SC, USA
- 64.06. Epidural-related events are associated with ASA class, but not ketamine infusion following pancreatectomy.** V. Ly¹, J. Sharib¹, L. Chen², K. Kirkwood¹ ²University of California - San Francisco, Anesthesia, San Francisco, CA, USA ¹University of California - San Francisco, Surgical Oncology, San Francisco, CA, USA
- 64.07. Cost-Effectiveness of Rescuing Patients from Major Complications after Hepatectomy.** J. J. Idrees¹, C. Schmidt¹, M. Dillhoff¹, J. Cloyd¹, E. Ellison¹, T. M. Pawlik¹ ¹The Ohio State University, Wexner Medical Center, Department of Surgery, Columbus, OH, USA

64.08. Cost burden of overtreating low grade pancreatic cystic neoplasms. J. M. Sharib¹, K. Wimmer¹, A. L. Fonseca³, S. Hatcher¹, L. Esserman¹, A. Maitra², Y. Shen⁴, E. Ozanne⁵, K. S. Kirkwood¹ ¹University of California - San Francisco, Surgery, San Francisco, CA, USA ²University of Texas MD Anderson Cancer Center, Pathology, Houston, TX, USA ³University of Texas MD Anderson Cancer Center, Surgery, Houston, TX, USA ⁴University of Texas MD Anderson Cancer Center, Biostatistics, Houston, TX, USA ⁵University of Utah, Population Health Sciences, Salt Lake City, UT, USA

64.09. Role of the patient-provider relationship in Hepato-pancreato-biliary diseases. E. J. Cerier¹, Q. Chen¹, E. Beal¹, A. Paredes¹, S. Sun¹, G. Olsen¹, J. Cloyd¹, M. Dillhoff¹, C. Schmidt¹, T. Pawlik¹ ¹Ohio State University, Department of Surgery, Columbus, OH, USA

64.10. Preoperative Frailty Assessment Predicts Short-Term Outcomes After Hepatopancreatobiliary Surgery. P. Bou-Samra¹, D. Van Der Windt¹, P. Varley¹, X. Chen¹, A. Tsung¹ ¹University of Pittsburgh, Hepatobiliary & Pancreatic Surgery, Pittsburgh, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

65. CLINICAL/OUTCOMES: TRANSPLANTATION ORAL SESSION

CITY TERRACE 11

MODERATORS: Gregory M. Tiao, MD & Peter S. Yoo, MD

65.01. Thrombolysis during Liver Procurement Prevents Ischemic Cholangiopathy in DCD Liver Transplantation. A. E. Cabrales¹, R. S. Mangus¹, J. A. Fridell¹, C. A. Kubal¹ ¹Indiana University School of Medicine, Department of Transplant Surgery, Indianapolis, IN, USA

65.02. the Effect of Socioeconomic Status on Patient-Reported Outcomes after Renal Transplantation. A. J. Cole¹, P. K. Baliga¹, D. J. Taber¹ ¹Medical University of South Carolina, Charleston, SC, USA

65.03. the Role of FDG-PET in Detecting Rejection after Liver Transplantation. A. M. Watson¹, C. M. Jones¹, E. G. Davis¹, M. Eng¹, R. M. Cannon¹, P. Philips¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA

65.04. Impact of Donor Hepatic Arterial Anatomy on Clinical Graft Outcomes in Liver Transplantation. J. R. Schroering², C. A. Kubal¹, T. J. Hathaway², R. S. Mangus¹ ¹Indiana University School of Medicine, Transplant Division/Department of Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Indianapolis, IN, USA

65.05. Sarcopenia a Better Predictor of Survival than Serologic Markers in Elderly Liver Transplant Patients. W. J. Bush¹, A. Cabrales¹, H. Underwood¹, R. S. Mangus¹ ¹Indiana University School of Medicine, Indianapolis, IN, USA

65.06. Preoperative Thromboelastography Predicts Transfusion Requirements During Liver Transplantation. J. T. Graff¹, V. K. Dhar¹, C. Wakefield¹, A. R. Cortez¹, M. C. Cuffy¹, M. D. Goodman¹, S. A. Shah¹ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA

65.07. Evaluating Length of Stays with Electronic Medical Record Interoperability. M. Cheung¹, P. Kuo¹, A. Cobb¹ ¹Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA

65.08. Outcomes in Older Kidney Transplant Recipients with Prior Solid Organ Transplants. C. E. Haugen¹, Q. Huang¹, M. McAdams-DeMarco^{1,2}, D. L. Segev^{1,2} ¹Johns Hopkins University School of Medicine, Baltimore, MD, USA ²Johns Hopkins Bloomberg School of Public Health, Epidemiology, Baltimore, MD, USA

65.09. Effects of Kidney Transplant on the Outcomes of Surgical Repair of Abdominal Aortic Aneurysm. H. Albershri¹, W. Qu¹, M. Nazzari¹, J. Ortiz¹ ¹The University of Toledo Medical Center, Department of Surgery, Toledo, OH, USA

65.10. Hospital Length of Stay After Pediatric Liver Transplantation. K. Covarrubias¹, X. Luo¹, D. Mogul², J. Garonzik-Wang¹, D. L. Segev¹ ¹Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Pediatric Gastroenterology & Hepatology, Baltimore, MD, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

66. CLINICAL/OUTCOMES: PEDIATRICS - PATIENT-CENTERED OUTCOMES ORAL SESSION

CITY TERRACE 12

MODERATORS: Robert A. Cowles, MD & Faisal G. Qureshi, MD

66.01. Risk Factors for Adverse Outcomes in Children Undergoing Resection of Primary Liver Tumors. K. Culbreath¹, A. Garcia¹, I. Leeds¹, T. Crawford¹, E. Boss², D. Rhee¹ ¹Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Otolaryngology, Baltimore, MD, USA

66.02. Delivery of Care for Biliary Atresia in 21st Century: An Analysis of Hospital Caseload in the US. T. Chkhikvadze¹, C. J. Greig¹, J. Shi², R. A. Cowles¹ ¹Yale University School of Medicine, Section of Pediatric Surgery, Department of Surgery, New Haven, CT, USA ²Ohio State University, the Research Institute at Nationwide Children's Hospital, Columbus, OH, USA

66.03. Impact of Growth and Nutrition on Risk of Acquired Diseases of Prematurity and Perinatal Mortality. T. J. Sinclair^{1,2}, C. Ye⁵, F. Salimi Jazi², J. Taylor², K. Bianco⁴, G. Shaw³, D. K. Stevenson³, R. Clark⁶, K. G. Sylvester² ¹Stanford University School of Medicine, Department of General Surgery, Stanford, CA, USA ²Stanford University School of Medicine, Division of Pediatric Surgery, Stanford, CA, USA ³Stanford University School of Medicine, Department of Pediatrics, Stanford, CA, USA ⁴Stanford University School of Medicine, Department of Obstetrics & Gynecology, Stanford, CA, USA ⁵Hangzhou Normal University, School of Medicine, Hangzhou, ZHEJIANG, China ⁶Pediatric-Obstetric Center for Research, Education and Quality, Sunrise, FL, USA

66.04. A High Ratio of Plasma:RBC Improves Survival in Massively Transfused Injured Children. M. E. Cunningham¹, E. H. Rosenfeld¹, B. Naik-Mathuria¹, R. T. Russell², A. M. Vogel¹ ¹Baylor College of Medicine, Department of Pediatric Surgery, Houston, TX, USA ²Children's Hospital of Alabama, Department of Pediatric Surgery, Birmingham, AL, USA

66.05. Curettage and Cautery as an Alternative to Primary Closure for Pediatric Gastrocutaneous Fistulae. N. Denning⁴, I. A. El-shafy², J. G. Hagen³, S. Stylianou⁵, J. M. Prince^{1,4}, A. M. Lipskar^{1,4} ¹Cohen Children's Medical Center, Northwell Health System, Department of Pediatric Surgery, New Hyde Park, NY, USA ²Maimonides Medical Center, Department of Surgery, Brooklyn, NY, USA ³Cohen Children's Medical Center, Northwell Health System, Department of Anesthesia, New Hyde Park, NY, USA ⁴Hofstra University School of Medicine-Northwell Health System, Department of Surgery, Manhasset, NY, USA ⁵Morgan Stanley Children's Hospital of New York-Presbyterian, Columbia University Medical Center, Division of Pediatric Surgery, New York, NY, USA

66.06. Impact of Insurance Status on Pediatric Mortality Following Non-accidental Trauma. K. A. Sonderman¹, L. L. Wolf¹, A. L. Beres² ¹Brigham and Women's Hospital, Boston, MA, USA ²University of Texas Southwestern Medical Center, Children's Health Dallas, Dallas, TX, USA

66.07. Prenatal Intervention Improves Initial Outcomes in Postnatal Management of Congenital Chylothorax. B. Carr¹, L. Sampang¹, J. Church¹, R. Mon¹, S. K. Gadepalli¹, M. Attar¹, E. E. Perrone¹ ¹University of Michigan, Ann Arbor, MI, USA

66.08. Quality of Life Outcomes in Hepatoblastoma: Conventional Resection versus Liver Transplantation. M. R. Threlkeld¹, N. Apelt¹, N. Kremer¹, S. F. Polites¹, M. Troutt¹, J. Geller¹, K. Burns¹, A. Pai¹, R. Nagarajan¹, A. J. Bondoc¹, G. M. Tiao¹ ¹Cincinnati Children's Hospital Medical Center, Pediatric Surgery, Cincinnati, OH, USA

TUESDAY

66.09. the Family Financial Burden of Outpatient Pediatric Surgical Care and Interest in Telemedicine. K. Harris¹, E. C. Hamilton¹, A. C. Fonseca¹, S. Mahajan¹, A. A. Eguia¹, M. T. Harting¹, K. Tsao¹, M. T. Austin¹ ¹McGovern Medical School at the University of Texas Health Science Center at Houston, Department of Pediatric Surgery, Houston, TEXAS, USA

66.10. Does path to ileo-pouch anal anastomoses in the treatment of pediatric Ulcerative colitis matter? N. Bismar¹, A. S. Patel^{1,2}, D. Schindel^{1,2} ²Children's Medical Center, Pediatric Surgery, Dallas, Tx, USA ¹University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

67. CLINICAL/OUTCOMES: GENERAL SURGERY - ACCESS AND QUALITY OF CARE ORAL SESSION

RIVER TERRACE 1

MODERATORS: Courtney Balentine, MD & Scott R. Chalet, MD, MBA

WEDNESDAY

67.01. Non-Invasive Neurally Adjusted Ventilator Assist after Congenital Diaphragmatic Hernia Repair. R. Amin¹, M. Arca¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA

67.02. Use of the Alvarado Score in Elderly Patients with Complicated and Uncomplicated Appendicitis. A. Deiters¹, A. Drozd¹, P. Parikh¹, R. Markert¹, J. K. Shim¹ ¹Wright State University, Dayton, OH, USA

67.03. Redefining Surgical Quality Metrics: Optimal Length of Surveillance for Complications After Surgery. M. A. Chaudhary¹, W. Jiang¹, S. Lipsitz¹, Z. Hashmi¹, T. Koehlmoos², P. Learn², A. J. Schoenfeld¹, A. H. Haider¹ ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Uniformed University of Health Sciences, Bethesda, MD, USA

67.04. Impact of Preoperative and Postoperative Opioid Use on Surgical Readmissions. E. A. Dasinger^{1,2}, L. A. Graham^{1,2}, T. S. Wahl^{1,2}, S. J. Baker^{1,2}, M. T. Haw³, T. Hernandez-Boussard³, K. Desai¹, J. S. Richman^{1,2}, K. M. Itani⁴, G. L. Telford⁵, S. J. Knight^{1,2}, M. S. Morris^{1,2} ¹University of Alabama at Birmingham, Birmingham, AL, USA ²Birmingham VA Medical Center, Birmingham, AL, USA ³VA Palo Alto Healthcare Systems, Palo Alto, CA, USA ⁴VA Boston Healthcare System, West Roxbury, MA, USA ⁵Clement J Zablocki Veterans Affairs Medical Center, Milwaukee, WI, USA

67.05. Improved Peri-Operative Outcomes with Extended Lymph Node Dissection for Gastric Cancer in the U.S.. C. Granruth¹, P. Friedmann¹, P. Muscarella¹, J. C. McAuliffe¹, H. In¹ ¹Montefiore Medical Center, Department of Surgery, Bronx, NY, USA

67.06. the costs of complications on post-acute care spending after major surgery. A. E. Kanter¹, A. Cain-Nielsen², S. Regenbogen¹ ¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²University of Michigan, Center for Healthcare Outcomes and Policy, Ann Arbor, MI, USA

67.07. Needleoscopic analgesia of abdominal wall for laparoscopic surgery. J. Nagata¹, Y. Sawatsubashi¹, M. Akiyama¹, Y. Akiyama², K. Arase², N. Minagawa², T. Torigoe², Y. Nakayama¹, K. Hirata² ¹Wakamatsu Hospital of University of Occupational and Environmental Health, Japan, Surgery, Kitakyushu, FUKUOKA, Japan ²University of Occupational and Environmental Health, Japan, Surgery, Kitakyushu, FUKUOKA, Japan

67.08. Patient Education Materials Among Surgical Subspecialties Lack Readability. C. A. Perkins¹, A. Liwo¹, C. A. Gamuko², J. A. Cannon¹, J. Grams¹, G. Kennedy¹, M. Morris¹, J. Richman¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, School of Nursing, Birmingham, Alabama, USA

67.09. the Effect of Insurance Type on Access to Inguinal Hernia Repair Under the Affordable Care Act. W. Hsiang¹, S. Lee¹, C. McGeoch¹, W. Cheung¹, R. Becher¹, K. A. Davis¹, K. Schuster¹ ¹Yale University School of Medicine, General Surgery, Trauma and Surgical Critical Care, New Haven, CT, USA

67.10. A Comparison of Index and Redo Operations in Crohn's Patients Following Bowel Surgery.. B. Sherman², A. Harzman¹, A. Traugott¹, S. Husain¹ ¹Ohio State University, Division of Colon and Rectal Surgery, Columbus, OH, USA ²Ohio Health, Doctor's Hospital, Columbus, OH, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

68. CLINICAL/OUTCOMES: ONCOLOGY - QUALITY, DISPARITIES, AND PALLIATIVE CARE ORAL SESSION

RIVER TERRACE 2

MODERATORS: Clancy J. Clark, MD & Katie S. Murray, DO

68.01. Trends in Inpatient Palliative Care Referrals by Type of Malignancy. J. M. Ruck¹, J. K. Canner¹, T. J. Smith², F. M. Johnston¹ ¹Johns Hopkins School of Medicine, Department of Surgery, Baltimore, MD, USA ²Johns Hopkins Hospital, Sidney Kimmel Comprehensive Cancer Center, Baltimore, MD, USA

68.02. Racial Disparity in Preoperative Chemotherapy Use in Gastric Cancer Patients in the United States. N. Ikoma^{1,2}, J. Cormier¹, B. Feig¹, X. L. Du², J. Yamal², P. Das¹, J. A. Ajani¹, C. Roland¹, K. Fournier¹, R. Royal¹, P. Mansfield¹, B. Badgwell¹ ¹University of Texas MD Anderson Cancer Center, Houston, TEXAS, USA ²University of Texas Health Science Center at Houston, Houston, TEXAS, USA

68.03. Impact of Insurance Status on Receipt of Surgical Therapy and Outcomes in Early Stage Lung Cancer. S. M. Stokes¹, E. Wakeam², D. S. Swords¹, J. R. Stringham³, T. K. Varghese³ ¹University of Utah, Division of General Surgery, Salt Lake City, UT, USA ²University of Toronto, Division of Thoracic Surgery, Toronto, ON, Canada ³University of Utah, Division of Cardiothoracic Surgery, Salt Lake City, UT, USA

68.04. Geography as a risk factor: the role of ZIP codes in predicting surgical oncology outcomes. A. N. Kothari^{1,2}, S. A. Brownlee², C. Fischer¹, P. C. Kuo^{1,2}, G. J. Abood¹ ¹Loyola University Medical Center, Department of Surgery, Maywood, IL, USA ²Loyola University Medical Center, One:MAP Division of Clinical Informatics and Analytics, Maywood, IL, USA

68.05. Pilot Prehabilitation Program for Esophageal Cancer Patients During Neoadjuvant Therapy. L. C. Dewberry¹, L. J. Wingrove³, A. Glode⁴, S. Jain², M. Boniface¹, S. L. Davis³, S. Leong³, K. Goodman², S. Tracey², W. T. Purcell³, M. D. McCarter¹ ¹University of Colorado Denver, Department of Surgery, Aurora, CO, USA ²University of Colorado Denver, Department of Radiation Oncology, Aurora, CO, USA ³University of Colorado Denver, Division of Medical Oncology, Aurora, CO, USA ⁴University of Colorado Denver, Department of Clinical Pharmacy, Aurora, CO, USA

68.06. Malignancies in Patients with Crohn's Disease: A US Population Based Study from NIS Database. S. Patil², R. Chamberlain¹ ¹Banner MD Anderson Cancer Center, Surgery, Gilbert, AZ, USA ²South Central Regional Medical Center, Surgery, Laurel, MS, USA

68.07. Do we CARE about the quality of case reports? A systematic assessment.. N. C. Dragnev¹, S. L. Wong¹ ¹Geisel School of Medicine at Dartmouth, Surgery, Hanover, NH, USA

68.08. Missing Psychosocial Risk Factors is Associated with Increased Complications from Cancer Surgery. P. M. Meyers¹, I. L. Leeds¹, E. R. Haut¹, J. E. Efron¹, Z. O. Enumah¹, F. M. Johnston¹ ¹Johns Hopkins University School of Medicine, Baltimore, MD, USA

68.09. Disease-based Teams Improve Gastric Cancer Treatment Efficiency at a Large Safety Net Hospital. M. Ju¹, S. C. Wang¹, S. Syed², D. Agrawal², M. R. Porembka¹ ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TEXAS, USA ²University of Texas Southwestern Medical Center, Internal Medicine, Dallas, TEXAS, USA

68.10. Readmission Following Radical Cystectomy Is Common and Associated with Postdischarge Occurrences. I. Berger¹, C. Wirtalla¹, J. Ziembra², T. Guzzo², R. Kelz¹ ¹University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Department of Urology, Philadelphia, PA, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

69. CLINICAL/OUTCOMES: DISPARITIES AND ACCESS TO CARE ORAL SESSION

RIVER TERRACE 3

MODERATORS: Shahid R. Aziz, DMD, MD & Alliric Willis, MD

69.01. Lost in Translation: A Mixed Methods Pilot Study of Informed Consent in the Medical Mission Setting. L. A. Sceats¹, R. Narayan¹, A. Mezynski³, R. K. Woo², A. M. Morris¹, G. P. Yang¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²University of Hawaii, Pediatric Surgery, Honolulu, HI, USA ³Stanford University, S-SPIRE Center, Palo Alto, CA, USA

69.02. the Overuse of Radioactive Iodine in Low-Risk Thyroid Cancer Patients. A. S. Moten¹, H. Zhao², A. I. Willis³ ¹Temple University Hospital, Department of Surgery, Philadelphia, PA, USA ²Lewis Katz School of Medicine at Temple University, Department of Clinical Sciences, Section of Biostatistics, Philadelphia, PA, USA ³Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

69.03. Fertility Preservation Discussions in Premenopausal Breast Cancer Patients. A. J. Bartholomew¹, M. L. Haslinger², M. C. Masciello¹, L. M. Bozzuto², E. V. Tsiapali² ¹Georgetown University Medical Center, School of Medicine, Washington, DC, USA ²Georgetown University Medical Center, Department of Surgery, Washington, DC, USA

69.04. Surgery on Sunday Louisville: Achieving the Quadruple Aim by providing free surgery for the uninsured. S. C. Walling², J. C. Heimroth^{1,2}, E. R. Sutton^{1,2} ¹University of Louisville, Department of Surgery, Louisville, KY, USA ²Surgery On Sunday Louisville, Inc., Louisville, KY, USA

69.05. Disparities in Esophageal Cancer: the Role of Insurance In time To Surgery and Outcomes. J. D. Borgella¹, F. Espinoza-Mercado¹, T. Imai¹, R. Alban¹, H. Soukiasian¹ ¹Cedars-Sinai Medical Center, Department of Thoracic Surgery, Los Angeles, California, USA

69.06. Race Does Not Affect Length of Stay in Colorectal ERAS Patients with Post-Operative Complications. P. K. Patel¹, D. I. Chu¹, L. Goss¹, J. G. Wiener¹, T. S. Wahl¹, K. D. Cofer¹, J. S. Richman¹, M. S. Morris¹, J. A. Cannon¹, G. D. Kennedy¹ ¹University of Alabama at Birmingham, Gastrointestinal Surgery, Birmingham, Alabama, USA

69.07. Regional Variation in Laparoscopic and Open Inguinal Hernia Repair Across Michigan. J. V. Vu¹, V. Gunaseelan^{1,2}, E. Seese², M. J. Englesbe^{1,2}, G. L. Krapohl^{1,2}, D. A. Campbell^{1,2}, D. Telem¹ ²Michigan Surgical Quality Collaborative, Ann Arbor, MICHIGAN, USA ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA

69.08. Firearm Violence in Miami: Through the Lens of a Trauma Care Provider. A. Sarver¹, K. Polcari¹, K. Brownlee¹, R. Rattan¹, T. Zakrisson¹ ¹University of Miami, Miami, FL, USA

69.09. Timely Access to Care for Patients with Traumatic Brain Injuries. B. Tracy¹, M. E. Barnett¹, C. Spencer¹, A. Butcher¹, M. Brown¹, Z. Stombough¹, J. Dunne¹ ¹Memorial University Medical Center-Mercer University School of Medicine, Surgery, Savannah, GEORGIA, USA

69.10. Scholarly Activity in Academic Plastic Surgery: the Gender Difference. S. E. Sasor¹, J. A. Cook¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady¹, M. W. Chu¹, L. G. Koniaris¹ ¹Indiana University, Plastic Surgery, Indianapolis, IN, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

70. CLINICAL/OUTCOMES: QUALITY/COST EFFECTIVENESS ORAL SESSION

CONFERENCE CENTER A

MODERATORS: Benjamin S. Brooke, MD & Joaquim M. Havens, MD

70.01. Cost Analysis of the Mongolian ATLS Program: a Model for Low- and Middle-Income Countries. J. E. Kornfeld¹, M. Katz², J. R. Cardinal⁷, B. Bat-Erdene³, G. Jargalsaikhan³, J. Nelleremoe², L. A. Dunstall⁸, M. Holland⁸, A. Zorigbaatar⁹, H. Pioli⁷, S. Orgoi^{3,5}, J. Nunez⁶, R. Price^{2,6} ¹Dartmouth Medical School, Lebanon, NH, USA ²University of Utah, Center for Global Surgery, Salt Lake City, UT, USA ³Mongolian National University of Medical Sciences, Department of Surgery, Ulaanbaatar, Mongolia ⁴WHO Collaborating Center for Essential Emergency and Surgical Care, Ulaanbaatar, Mongolia ⁵University of Utah, Department of General Surgery, Salt Lake City, UT, USA ⁶University of Utah, Salt Lake City, UT, USA ⁷Westmead Hospital, Sydney, NSW, Australia ⁸McGill University, Montreal, QC, Canada

70.02. Laparoscopic vs. open cholecystectomy in Mongolia: comparison of clinical outcomes and costs. S. Lombardo¹, J. S. Rosenberg¹, S. Erdene², J. Kim¹, E. Sandang², J. Nelleremoe¹, R. Price¹ ¹University of Utah, Center for Global Surgery, Salt Lake City, UT, USA ²Mongolian National University of Medical Sciences, Department of Surgery, Ulaanbaatar, ULAANBAATAR, Mongolia

70.03. From Procedure to Poverty: Out-of-Pocket and Catastrophic Spending for Pediatric Surgery in Uganda. A. Yap³, M. Cheung², N. Kakembo¹, P. Kisa¹, A. Muzira¹, J. Sekabira¹, D. Ozgediz² ¹Makerere University, Department of Surgery, Kampala, Uganda ²Yale University School of Medicine, Department of Surgery, New Haven, CT, USA ³Yale University School of Medicine, New Haven, CT, USA

70.04. Enhanced Recovery Pathway for Colorectal Surgery Improves Outcomes in Private and Safety Net Settings. T. J. Roberts¹, J. L. Anandam^{1,3}, P. K. Brown¹, J. R. Lysikowski¹, J. L. Rabaglia^{1,2,3} ¹University of Texas Southwestern Medical Center, Dallas, TX, USA ²VA North Texas Health Care System, Dallas, TX, USA ³Parkland Health & Hospital System, Dallas, TX, USA

70.05. Path to the OR: When are the Delays and How does it Impact Outcomes in Emergency Abdominal Surgery?. C. M. Dickinson¹, N. A. Coppersmith¹, H. Huber¹, A. Stephen¹, D. T. Harrington¹ ¹Brown University School of Medicine, Surgery, Providence, RI, USA

70.06. Neoadjuvant Radiation for Locally Advanced Colon Cancer: A Good Idea for a Bad Problem?. A. T. Hawkins¹, T. M. Geiger¹, M. Ford¹, R. L. Muldoon¹, B. Hopkins¹, L. A. Kachnic¹, S. Glasgow² ¹Vanderbilt University Medical Center, Nashville, TN, USA ²Washington University, Colon and Rectal Surgery, St. Louis, MO, USA

70.07. The Effect of Trainee Involvement on Patient Outcomes in General Surgery Cases over Time. T. Feeney², J. Havens¹ ¹Brigham and Women's Hospital, Trauma, Boston, MA, USA ²Harvard School of Public Health, Boston, MA, USA

TUESDAY

70.08. Don't Get Stuck. A Quality Improvement Project to Reduce Perioperative Blood-Borne Pathogen Exposure. J. P. Gurria^{1,3}, H. Nolan¹, S. Polites¹, K. M. Arata⁴, A. Muth⁵, L. Phipps⁴, R. A. Falcone^{1,2,3} ¹Cincinnati Children's Hospital Medical Center, General and Thoracic Surgery, Cincinnati, OH, USA ²University of Cincinnati, Surgery, Cincinnati, OH, USA ³Cincinnati Children's Hospital Medical Center, Trauma Surgery, Cincinnati, OH, USA ⁴Cincinnati Children's Hospital Medical Center, Operating Room, Cincinnati, OH, USA ⁵Cincinnati Children's Hospital Medical Center, Occupational Safety and Environmental Health, Cincinnati, OH, USA

70.09. the Association Between Travel Distance, Institutional Volume, and Outcomes for Rectal Cancer Patients. M. Cerullo¹, M. Turner¹, M. A. Adam¹, Z. Sun¹, J. Migaly¹, C. Mantyh¹ ¹Duke University Medical Center, Department of Surgery, Durham, NC, USA

70.10. A Decade of Components Separation Technique; An Increasing Trend in Open Ventral Hernia Repair.. M. R. Arnold¹, J. Otero¹, K. A. Schlosser¹, A. M. Kao¹, T. Prasad¹, A. Lincourt¹, P. D. Colavita¹, B. T. Heniford¹ ¹Carolinas Medical Center, General Surgery, Charlotte, NC, USA

WEDNESDAY

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

71. CLINICAL/OUTCOMES: HEPATOPANCREATOBILIARY AND TRANSPLANTATION ORAL SESSION

CLEARWATER

MODERATORS: Amanda K. Arrington, MD & Sanjay S. Reddy, MD

THURSDAY

71.01. Damage Control Pancreatic Débridement: Salvaging the Most Severely Ill. T. K. Maatman¹, A. Roch¹, M. House¹, A. Nakeeb¹, E. Ceppa¹, C. Schmidt¹, K. Wehlage¹, R. Cournoyer¹, N. Zyromski¹ ¹Indiana University School of Medicine, Indianapolis, IN, USA

71.02. Raid Growth Speed of Cyst was a Predictive Factor for Malignant Intraductal Mucinous Papillary Neoplasms. K. Akahoshi¹, N. Chiyonobu¹, H. Ono¹, Y. Mitsunori¹, T. Ogura¹, K. Ogawa¹, D. Ban¹, A. Kudo¹, M. Tanabe¹ ¹Tokyo Medical and Dental University, Hepato-Biliary-Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan

71.03. So Many Pancreatic Cystic Neoplasms, So Little Known About Their Natural History. F. F. Yang¹, M. M. Dua², P. J. Worth², G. A. Poultides³, J. A. Norton³, W. G. Park⁴, B. C. Visser² ¹Stanford University, School of Medicine, Palo Alto, CA, USA ²Stanford University, Hepatobiliary & Pancreatic Surgery, Palo Alto, CA, USA ³Stanford University, Surgical Oncology, Palo Alto, CA, USA ⁴Stanford University, Gastroenterology & Hepatology, Palo Alto, CA, USA

71.04. Significance of repeat hepatectomy for intrahepatic recurrence of HCC within Milan criteria. T. Gocho¹, Y. Saito¹, M. Tsunematsu¹, R. Maruguchi¹, R. Iwase¹, J. Yasuda¹, F. Suzuki¹, S. Onda¹, T. Hata¹, S. Wakiyama¹, Y. Ishida¹, K. Yanaga¹ ¹Jikei University School of Medicine, Department of Surgery, Minato-ku, TOKYO, Japan

71.05. Arterial, but Not Venous, Reconstruction Increases Morbidity and Mortality in Pancreaticoduodenectomy. S. L. Zettervall¹, J. Holzmacher¹, T. Ju¹, G. Werba¹, B. Huysman¹, P. Lin¹, A. Sidawy¹, K. Vaziri¹ ¹George Washington University School of Medicine and Health Sciences, Surgery, Washington, DC, USA

71.06. Initial Experience with Closed Incision Negative Pressure Wound Therapy in Kidney Transplant Patients. C. J. Lee¹, G. Sharma¹, C. Blanco¹, A. Bhargava¹, S. Patil¹, F. Weng², S. Geffner^{1,2}, H. Sun^{1,2} ¹Saint Barnabas Medical Center, Department of Surgery, Livingston, NJ, USA ²Saint Barnabas Medical Center, Renal and Pancreas Transplant Division, Livingston, NJ, USA

71.07. Early Hypertension, Diabetes, and Proteinuria After Kidney Donation: A National Cohort Analysis. C. Holscher¹, S. Bae¹, M. Henderson¹, S. DiBrito¹, C. Haugen¹, A. Muzaale¹, A. Massie¹, J. Garonzik Wang¹, D. Segev¹ ¹Johns Hopkins University, Baltimore, MD, USA

71.08. Kidney Paired Donation Programs Don't Become Concentrated with Highly Sensitized Candidates Over Time. C. Holscher¹, K. Jackson¹, A. Thomas¹, C. Purcell², M. Ronin², A. Massie¹, J. Garonzik Wang¹, D. Segev¹ ¹Johns Hopkins University, Baltimore, MD, USA ²National Kidney Registry, New York, NY, USA

71.09. Trends in Liver Transplantation with Older Liver Donors in the United States. C. E. Haugen¹, X. Luo¹, C. Holscher¹, J. Garonzik-Wang¹, M. McAdams-DeMarco^{1,2}, D. Segev^{1,2} ¹Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University Bloomberg School of Public Health, Epidemiology, Baltimore, MD, USA

71.10. Survival after the Introduction of the Lung Allocation Score in Simultaneous Lung-Liver Recipients. K. Freischlag², M. S. Mulvihill¹, P. M. Schroder¹, B. Ezekian¹, S. Knechtle¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, School of Medicine, Durham, NC, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**72. CLINICAL/OUTCOMES: ENDOCRINE, ESOPHAGEAL AND OTHER ONCOLOGY ORAL SESSION**

ST. JOHNS

MODERATORS: Benjamin C. James, MD & Reese W. Randle, MD

72.01. PTEN Mutation Is Associated With Worse Prognosis In Stage III Colorectal Cancer. Y. Tajima¹, Y. Shimada¹, M. Nagahashi¹, H. Ichikawa¹, H. Kameyama¹, M. Nakano¹, J. Sakata¹, T. Kobayashi¹, H. Nogami², S. Maruyama², Y. Takii², S. Okuda³, K. Takabe^{4,5}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Niigata Cancer Center Hospital, Department of Surgery, Niigata, NIIGATA, Japan ³Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata, NIIGATA, Japan ⁴Roswell Park Cancer Institute, Breast Surgery, Buffalo, NEW YORK, USA ⁵The State University of New York, Department of Surgery, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Buffalo, New York, USA

72.02. Unplanned Reoperation in Patients Undergoing Surgery for Rectal Cancer. L. V. Saadat¹, A. C. Fields¹, H. Lyu¹, R. D. Urman¹, E. E. Whang¹, J. Goldberg¹, R. Bleday¹, N. Melnitchouk¹ ¹Brigham and Women's Hospital, Boston, MA, USA

72.03. Clinical Significance of BRAF Non-V600E Mutations in Colorectal Cancer. Y. Shimada¹, Y. Tajima¹, M. Nagahashi¹, H. Ichikawa¹, M. Nakano¹, H. Kameyama¹, J. Sakata¹, T. Kobayashi¹, Y. Takii², S. Okuda³, K. Takabe^{4,5}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan ²Niigata Cancer Center Hospital, Department of Surgery, Niigata, Japan ³Niigata University Graduate School of Medical and Dental Sciences, Division of Bioinformatics, Niigata, Japan ⁴Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA ⁵University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Department of Surgery, Buffalo, NY, USA

72.04. Adrenal Incidentaloma Follow-up is Influenced by Patient, Radiological and Medical Provider Factors. D. I. Maher¹, E. Williams¹, S. Grodzki^{1,2}, J. W. Serpell^{1,2}, J. C. Lee^{1,2} ¹Alfred Hospital, Monash University Endocrine Surgery Unit, Melbourne, VIC, Australia ²Monash University, Department of Surgery, Melbourne, VIC, Australia

72.05. Identifying Predictors of Prolonged Levothyroxine Dose Adjustment After Thyroidectomy. T. S. Atruksang¹, J. R. Imbus¹, N. A. Zaborek¹, D. F. Schneider¹ ¹University of Wisconsin, Department of Surgery, Madison, WI, USA

72.06. Stricter ioPTH Criterion for Successful Parathyroidectomy in Stage III CKD patients with pHPT. S. Liu¹, A. Yusufali¹, R. Teo¹, M. Mao¹, Z. F. Khan¹, J. C. Farra¹, J. I. Lew¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA

72.07. 5-factor replacement index for the 11 factor modified frailty index in NSQIP. S. Subramaniam¹, J. J. Aalberg¹, R. P. Soriano², C. M. Divino¹ ¹Icahn School of Medicine at Mount Sinai, Division of General Surgery, Department of Surgery, New York, NY, USA ²Icahn School of Medicine at Mount Sinai, Department of Geriatrics and Palliative Medicine, New York, NY, USA

72.08. Laparoscopic Gastropexy in Elderly Patients with Large Paraesophageal Hernias. A. D. Newton¹, D. A. Herbst¹, K. R. Dumon¹, D. T. Dempsey¹ ¹Hospital of the University of Pennsylvania, Surgery, Philadelphia, PA, USA

72.09. Clinical Significance of NQO1 in Non-neoplastic Squamous Epithelium of Esophageal Cancer Patients. Y. Muneoka¹, H. Ichikawa¹, S. Kosugi², T. Hanyu¹, T. Ishikawa¹, Y. Kano¹, N. Sudo¹, M. Nemoto¹, Y. Shimada¹, M. Nagahashi¹, J. Sakata¹, T. Kobayashi¹, H. Kameyama¹, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Uonuma Institute of Community Medicine, Niigata University, Medical and Dental Hospital, Department of Digestive and General Surgery, Niigata, NIIGATA, Japan

72.10. Predictive Value of GEC for Thyroid Cancer after NIFTP Reclassification. A. R. Marcadis¹, B. A. Shah², D. A. Kerr², O. Picado¹, S. Liu¹, J. I. Lew¹ ¹University of Miami, Division of Endocrine Surgery, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA ²University of Miami, Department of Pathology, Miami, FL, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II**73. CLINICAL/OUTCOMES: GENERAL SURGERY - OUTCOMES AND QUALITY OF CARE ORAL SESSION**

MATHEWS

MODERATORS: Bethany Slater, MD & Jonah J. Stulberg, MD, PhD, MPH

73.01. A 3 year Follow-up of Nonoperative Management in Ventral Hernia Patients With Comorbidities. K. Bernardi¹, J. L. Holihan¹, D. V. Cherla¹, J. R. Flores¹, L. S. Kao¹, T. C. Ko¹, M. K. Liang¹ ¹University of Texas Health Science Center at Houston, General Surgery, Houston, TX, USA

73.02. Percutaneous Cholecystostomy in Acute Cholecystitis - Predictors of Recurrence & Cholecystectomy. M. N. Bhatt¹, M. Ghio¹, L. Sadri¹, S. Sarkar¹, G. Kasotakis¹, C. Nasrulle¹, B. Sarkar¹ ¹Boston Medical Center, Department of Trauma and Acute Care Surgery, Boston, MA, USA

73.03. Opioid Use after Surgery among Preoperative Intermittent Users. E. Harker¹, C. A. Keilin¹, R. Ahmed¹, C. Katzman¹, D. C. Cron¹, T. Yao³, H. Hu¹, J. S. Lee¹, C. M. Brummett², M. J. Englesbe¹, J. F. Waljee¹ ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Anesthesiology, Ann Arbor, MI, USA ³University of Michigan, School of Public Health, Ann Arbor, MI, USA

73.04. Perforated Peptic Ulcer Surgery: No Difference in Mortality Between Laparoscopic and Open Repair.. V. Gabriel¹, A. Grigorian¹, S. Schubl¹, M. Pejcinovska¹, E. Won¹, M. Lekawa¹, N. Bernal¹, J. Nahmias¹ ¹University of California - Irvine, Division of Trauma, Burns & Surgical Critical Care, Orange, CA, USA

73.05. Surgical Coaching Relationships: Early Evidence from the Michigan Bariatric Surgical Collaborative. S. P. Shubeck^{1,2,3}, A. E. Kanters^{1,2}, G. Sandhu¹, C. C. Greenberg^{4,5}, J. B. Dimick^{1,2} ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Center for Healthcare Outcomes & Policy, Ann Arbor, MI, USA ³University of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA ⁴University of Wisconsin, Department of Surgery, Madison, WI, USA ⁵University of Wisconsin, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA

73.06. the True Cost of Laparoscopic Cholecystectomy with Routine Intraoperative Cholangiography. N. Cortolillo¹, J. Parreco¹, R. Rattan¹, A. Castillo¹, R. Kozol¹ ¹University of Miami, General Surgery Residency Program, Miami, FL, USA

73.07. Trends in Mortality and Cardiac Complications in Major Abdominal Surgery by Operative Volume.. Y. Sanaiha¹, Y. Juo¹, K. Bailey¹, E. Aguayo¹, A. Iyengar¹, V. Dobaria¹, Y. Seo¹, B. Ziaieian², P. Benharash¹ ¹David Geffen School of Medicine, University of California at Los Angeles, Cardiac Surgery, Los Angeles, CA, USA ²David Geffen School of Medicine, University of California at Los Angeles, Cardiology, Los Angeles, CA, USA

73.08. Local Referral of High-Risk Patients to Reduce Surgical Costs. M. Smith^{1,2}, U. Nuliyalu², S. P. Shubeck^{1,2,3}, J. B. Dimick^{1,2}, H. Nathan^{1,2} ¹University of Michigan, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Center for Healthcare Outcomes & Policy, Ann Arbor, MI, USA ³University of Michigan, National Clinician Scholars Program, Ann Arbor, MI, USA

73.09. Resident Involvement and Outcomes after Surgery: A Double Edge Sword. M. Zeeshan¹, M. Hamidi¹, A. Tang¹, E. Zakaria¹, N. Kulvatunyou¹, A. Jain¹, L. Gries¹, T. O'Keeffe¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

73.10. Management of Acute Cholecystitis with Significant Risk of Common Bile Duct Stone: The 'SaFE' Approach. K. O. Memeh¹, S. Jhajji¹, K. Tran¹, R. A. Berger^{1,2}, T. S. Riall¹, A. Aldridge^{1,2} ¹University of Arizona, Surgery, Tucson, AZ, USA ²Flagstaff Medical Center, Surgery, Flagstaff, AZ, USA

7:30 AM - 9:30 AM

Integrated Oral Presentations Session II

74. EDUCATION: PROFESSIONALISM AND UNDERGRADUATE MEDICAL EDUCATION ORAL SESSION

HART

MODERATORS: Jo Buyske, MD & Grace Z. Mak, MD

74.01. Surgical Trainee Attitudes Towards Safety Event Reporting. D. Vicente¹, A. Loehrer¹, S. Fisher¹, J. Skibber¹, E. Grubbs¹, T. Aloia¹ ¹University of Texas MD Anderson Cancer Center, Houston, TX, USA

74.02. Type of Surgical Rotation Does Not Affect Students' Technical and Academic Development. P. Kandagatla¹, R. Rinaldi¹, Z. Al Adas¹, E. Field¹, C. Steffes¹, H. Abdallah¹, L. Kabbani¹ ¹Henry Ford Health System, Detroit, MI, USA

74.03. "Competencies and Areas for Improvement in Surgical Clerkship Instructors: A Qualitative Study". D. M. Carmona Matos¹, M. K. Mandabach¹, A. W. Chang¹, B. R. Herring¹, V. Strickland¹, H. Chen¹, B. L. Corey¹ ¹University of Alabama at Birmingham, Surgery Department, Birmingham, Alabama, USA

74.04. Caveat Emptor – Educating Surgeons About the Perilous Landscape of Solicitant Publishing. V. Nguyen¹, R. A. Marmor^{1,2}, S. L. Ramamoorthy^{1,3}, T. W. Costantini^{1,4}, J. M. Baumgartner^{1,5}, J. Berumen^{1,6}, G. R. Jacobsen^{1,7}, J. K. Sicklick^{1,5} ¹University of California - San Diego, School of Medicine, San Diego, CA, USA ²University of California - San Diego, Department of Surgery, San Diego, CA, USA ³University of California - San Diego, Division of Colorectal Surgery, Department of Surgery, San Diego, CA, USA ⁴University of California - San Diego, Division of Trauma, Surgical Critical Care, Burns and Acute Care Surgery, Department of Surgery, San Diego, CA, USA ⁵University of California - San Diego, Division of Surgical Oncology, Department of Surgery, San Diego, CA, USA ⁶University of California - San Diego, Division of Hepatobiliary Surgery and Abdominal Transplantation, Department of Surgery, San Diego, CA, USA ⁷University of California - San Diego, Division of Minimally Invasive Surgery, Department of Surgery, San Diego, CA, USA

74.05. Impact of Medical School Experience on Attrition from General Surgery Residency. J. S. Abelson¹, H. L. Yeo^{1,4}, M. Symer¹, N. Wong¹, F. Michelassi¹, R. Bell⁵, J. A. Sosa² ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Duke University Medical Center, Surgery, Durham, NC, USA ³American Board of Surgery, Inc., Philadelphia, PA, USA ⁴Weill Cornell Medical College, Healthcare Policy and Research, New York, NY, USA ⁵Temple University, Lewis Katz School of Medicine, Philadelphia, PA, USA

74.06. Faculty responsiveness to students' requests for feedback affects teaching evaluations. K. Heckman¹, R. Kim¹, A. Lee¹, E. Chang², N. Matusko³, R. Reddy³, D. Hughes³, G. Sandhu^{3,4} ¹University of Michigan, University of Michigan Medical School, Ann Arbor, MI, USA ²University of Michigan, Ann Arbor, MI, USA ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ⁴University of Michigan, Department of Learning Health Sciences, Ann Arbor, MI, USA

74.07. Geographic Variation in Scholarly Productivity among US Academic Surgeons. E. F. Garner¹, N. P. Valsangkar², L. G. Koniaris², K. I. Bland¹, H. Chen¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA ²Indiana University School of Medicine, Indianapolis, IN, USA

74.08. Post-Operative Surgical Trainee Opioid Prescribing Practices: A National Survey. P. Underwood¹, J. Mira¹, M. Hoffman², D. Hall¹, H. Keshava³, K. Olsen⁴, J. Hardaway⁵, K. Hawley⁶, A. Antony⁴, T. Vasilopoulos⁴, N. Mouawad⁷ ¹University of Florida, Department of Surgery, Gainesville, FL, USA ²University of North Carolina, Department of Surgery, Chapel Hill, NC, USA ³Cleveland Clinic, Department of General Surgery, Cleveland, OH, USA ⁴University of Florida, Department of Anesthesiology, Gainesville, FL, USA ⁵Michigan State University, Department of Surgery, Lansing, MI, USA ⁶MedStar Union Memorial Hospital, Department of Surgery, Baltimore, MD, USA ⁷McLaren Bay Region, Department of Surgery, Bay City, MI, USA

74.09. Illustrated Operative Reports are Superior to Conventional Dictations in Communicating Postop Anatomy. V. Vacharathit¹, V. Vacharathit², C. Tu³, G. Morris-Stiff¹ ¹Cleveland Clinic, General Surgery, Cleveland, OH, USA ²Johns Hopkins, Molecular Microbiology and Immunology, Baltimore, MD, USA ³Cleveland Clinic, Biostatistics, Cleveland, OH, USA

74.10. Utilizing Handoff Checklists Enhances Nurse-Physician Communication and May Prevent On-Call Fatigue. C. J. Hendrix¹, A. E. Graham¹, J. J. Lu¹, S. W. Chen¹, T. E. Ju¹, L. Rivas¹, I. N. Haskins¹, K. Vaziri¹ ¹George Washington University School of Medicine and Health Sciences, Department of Surgery, Washington, DC, USA

7:30 AM- 9:30 AM

Integrated Oral Presentations Session II

75. EDUCATION: SIMULATION AND GLOBAL HEALTH ORAL SESSION

ACOSTA

MODERATORS: Jacob A. Greenberg, MD, EdM & Benedict C. Nwomeh, MD

75.01. Utilizing Nurse-focused Simulation Sessions to Decrease Patient Refusal of VTE Chemoprophylaxis. L. J. Kreutzer³, A. D. Yang^{2,3}, D. B. Hewitt^{3,4}, K. Y. Bilimoria^{2,3}, J. K. Johnson^{2,3} ²Feinberg School of Medicine - Northwestern University, Center for Healthcare Studies in the Institute for Public Health and Medicine, Chicago, IL, USA ³Feinberg School of Medicine - Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA ⁴Thomas Jefferson University, Surgery, Philadelphia, PA, USA

75.02. Eye-tracking in Educational Assessment: An Automated Procedure to Define Dynamic Areas of Interest. E. Fichtel¹, J. Park², S. Parker³, N. Lau¹, S. D. Safford² ¹Virginia Tech, Grado Department of Industrial and Systems Engineering, Blacksburg, VA, USA ²Virginia Tech Carilion School of Medicine, Surgery, Roanoke, VA, USA ³Virginia Tech Carilion Research Institute, Roanoke, VA, USA

75.03. Can They Stop the Bleed? Evaluation of Tourniquet Application by Laypersons with Reported Training. J. C. McCarthy¹, M. A. Chaudhary¹, E. J. Caterson^{1,4}, S. A. Goldberg², M. L. McDonald¹, C. Goolsby³, A. Haider¹, E. Goralnick² ³Uniformed Services University of the Health Sciences, Military & Emergency Medicine, Bethesda, MD, USA ⁴Brigham and Women's Hospital, Division of Plastic Surgery, Department of Surgery, Harvard Medical School, Boston, MA, USA ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Department of Surgery, Harvard Medical School, Boston, MA, USA ²Brigham and Women's Hospital, Department of Emergency Medicine, Harvard Medical School, Boston, MA, USA

75.04. the Malawi Trauma Score: A Model for Predicting Trauma-Associated Mortality in a Resource-Poor Setting. J. R. Gallaher¹, M. Jefferson¹, C. Varela², B. Cairns¹, A. Charles^{1,2} ¹University of North Carolina at Chapel Hill, Surgery, Chapel Hill, NC, USA ²Kamuzu Central Hospital, Surgery, Lilongwe, Malawi

75.05. the Next Generation of Global Surgeons: Aligning Interest with Early Access to Global Surgery Education. E. M. Scott¹, R. E. NeMoyer¹, D. H. Blitzer³, J. S. Hanna¹, Z. C. Sifri², V. H. Gracias¹, G. L. Peck¹ ¹Robert Wood Johnson - UMDNJ, New Brunswick, NJ, USA ²New Jersey Medical School, Newark, NJ, USA ³MedStar Union Memorial Hospital, Baltimore, MARYLAND, USA

75.06. Evaluating Mobile Information Display System in Transfer of Care Scenarios. S. Ganapathy¹, K. A. Berberich¹, A. N. Kreiner², M. McCarthy¹ ¹Wright State University, Department of Industrial and Human Factors Engineering; Department of Trauma Care and Surgery, Dayton, OH, USA ²Air Force Research Lab, Human Performance Wing, Dayton, OH, USA

75.07. Utilizing Technology for Global Surgery: A Survey of the West African College of Surgeons. A. Ashok¹, C. Stephens¹, E. Ameh², M. Swaroop³, E. Yang¹, S. Krishnaswami¹ ³Northwestern University, Feinberg School of Medicine, Chicago, IL, USA ¹Oregon Health and Science University, Pediatric Surgery, Portland, OR, USA ²National Hospital, Abuja, FEDERAL CAPITAL TERRITORY, Nigeria

75.08. Can a Haptic Robotic Train New Interns to Place Central Venous Lines? C. C. Sonntag¹, M. A. Yovanoff³, D. F. Pepley², R. S. Prabhu⁵, S. R. Miller⁴, J. Z. Moore², D. C. Han¹ ¹Penn State Hershey Medical Center, Department of Surgery, Hershey, PA, USA ²Penn State University, Department of Mechanical and Nuclear Engineering, University Park, PA, USA ³Penn State University, Department of Industrial Engineering, University Park, PA, USA ⁴Penn State University, Department of Engineering Design and Industrial Engineering, University Park, PA, USA ⁵Penn State University, Department of Engineering Design, University Park, PA, USA

75.09. How Far Have We Come? A Survey of U.S. Institutions From the SUS Committee on Academic Global Surgery. M. Boulos², C. Q. Stephens², E. Ramly¹, B. Nwomeh³, S. Orloff⁴, S. Krishnaswami² ¹Oregon Health and Sciences University, Department of Surgery, Portland, OR, USA ²Oregon Health and Sciences University, Division of Pediatric Surgery, Portland, OR, USA ³Ohio State University, Department of Pediatric Surgery, Columbus, OH, USA ⁴Oregon Health and Sciences University, Division of Abdominal Organ Transplant Surgery, Portland, OR, USA

75.10. Building TEAMS: Improving Trauma Management in Western Kenya H. W. Li¹, C. Donnelly³, M. Boeck², E. J. Rutto¹, C. Keung¹ ¹Indiana University School of Medicine, Indianapolis, IN, USA ²New York Presbyterian Hospital, New York, NY, USA ³Columbia University College of Physicians And Surgeons, New York, NY, USA

9:30 AM - 10:00 AM

Morning Break in Exhibit Area

GRAND BALLROOM FOYER

9:30 AM - 10:30 AM

AAS and SUS Research Awards

GRAND BALLROOM 1-3

OR

9:30 AM - 10:30 AM

Education Plenary

GRAND BALLROOM 6-8

MODERATORS: Karl Y. Bilimoria, MD & Kimberly M. Brown

77.01. Gender and Self-concept in the General Surgery Trainee: Experiences that Shape Professional Identity. S. P. Myers¹, K. J. Nicholson¹, K. Hill¹, E. B. Littleton², G. Hamad¹, M. Rosengart¹ ¹University of Pittsburgh Medical Center, General Surgery, Pittsburgh, PA, USA ²University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA

77.02. Are Residents Really Burned Out? A Comprehensive Study of Surgical Resident Burnout and Well-Being. B. Hewitt¹, J. W. Chung¹, A. R. Dahlke¹, A. D. Yang¹, K. E. Engelhardt¹, E. Blay¹, J. T. Moskowitz², E. O. Cheung², F. R. Lewis³, K. Y. Bilimoria¹ ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA ²Northwestern University, Osher Center for Integrative Medicine, Chicago, ILLINOIS, USA ³American Board of Surgery, Philadelphia, PENNSYLVANIA, USA

77.03. Gendered Differences in Letters of Recommendation for Transplant Surgery Fellowship Applicants. A. L. Hoffman¹, W. J. Grant¹, M. F. McCormick¹, E. E. Jezewski¹, A. N. Langanas¹ ¹University of Nebraska Medical Center, Surgery, Omaha, NE, USA

77.04. Racial and Ethnic Disparities in Promotion and Retention of Academic Surgeons. G. Eckenrode^{1,2}, M. Symer¹, J. Abelson¹, A. Watkins¹, H. Yeo^{1,2} ¹Weill Cornell Medical College, Surgery, New York, NY, USA ²Weill Cornell Medical College, Healthcare Policy, New York, NY, USA

10:30 AM - 12:00 PM

Clinical/Outcomes Plenary

GRAND BALLROOM 1-3

MODERATORS: Rachel R. Kelz, MD, MSCE & Rebecca S. Sippel, MD

76.01. the Affordable Care Act's Medicaid Expansion and Utilization of Discretionary Inpatient Surgery. A. B. Crocker³, A. Zeymo^{2,3}, D. Xiao³, L. B. Johnson⁴, T. DeLeire⁵, N. Shara^{2,4}, W. B. Al-Refaie^{1,2,3} ¹MedStar-Georgetown University Medical Center, Department of Surgery, Washington, DC, USA ²MedStar Health Research Institute, Washington, DC, USA ³MedStar-Georgetown Surgical Outcomes Research Center, Washington, DC, USA ⁴Georgetown-Howard Universities Center for Clinical and Translational Science, Washington, DC, USA ⁵Georgetown McCourt School of Public Policy, Washington, DC, USA

76.02. Editorial (Spring) Board?: Gender Composition in High-Impact General Surgery Journals. C. A. Harris¹, T. Banerjee⁷, M. Cramer⁴, S. Manz⁶, S. Ward⁵, J. B. Dimick³, D. A. Telem² ¹University of Michigan, Division of Plastic Surgery, Department of Surgery, Ann Arbor, MI, USA ²University of Michigan, Michigan Women's Surgical Collaborative, Ann Arbor, MI, USA ³University of Michigan, Department of Surgery, Ann Arbor, MI, USA ⁴Cornell University, Ithaca, NY, USA ⁵University of Michigan, Division of Cardiac Surgery, Department of Surgery, Ann Arbor, MI, USA ⁶University of Michigan, Ann Arbor, MI, USA ⁷University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA ⁸University of Michigan, Institute for Health Policy and Innovation, Ann Arbor, MI, USA

76.03. the Association of Enhanced Recovery Pathway and Acute Kidney Injury in Colorectal Surgery Patients. J. G. Wiener¹, L. Goss^{1,2}, D. I. Chu¹, J. S. Richman¹, J. A. Cannon¹, T. S. Wahl¹, G. D. Kennedy¹, K. D. Cofer¹, P. K. Patel¹, M. S. Morris¹ ²Birmingham VA Medical Center, Surgery, Birmingham, ALABAMA, USA ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA

76.04. Multi-institution Evaluation of Adherence to Comprehensive Postoperative VTE Chemoprophylaxis. B. Hewitt¹, E. Blay¹, L. J. Kreutzer¹, K. Y. Bilimoria¹, A. D. Yang¹ ¹Northwestern University, Surgical Outcomes and Quality Improvement Center, Chicago, IL, USA

76.05. Should Sentinel Lymph Node Biopsy Be Recommended to All Intermediate Thickness Melanoma Patients?. A. Hanna¹, A. J. Sinnamon¹, R. Roses¹, R. Kelz¹, D. Elder¹, X. Xu¹, B. Pockaj², D. Fraker¹, G. Karakousis¹ ¹University of Pennsylvania, Philadelphia, PA, USA ²Mayo Clinic, Phoenix, AZ, USA

76.06. Impact of 'Take the Volume Pledge' on Access & Outcomes for Gastrointestinal Cancer Surgery. R. C. Jacobs¹, S. Groth¹, F. Farjah², M. A. Wilson³, L. A. Petersen^{4,5}, N. N. Massarweh^{1,4} ¹Baylor College of Medicine, Michael E. DeBakey Department of Surgery, Houston, TX, USA ²University of Washington, Division of Cardiothoracic Surgery, Seattle, WA, USA ³VA Pittsburgh Healthcare System, Department of Surgery, Pittsburgh, PA, USA ⁴Michael E. DeBakey Veterans Affairs Medical Center, VA HSR&D Center for Innovations in Quality, Effectiveness, and Safety, Houston, TX, USA ⁵Baylor College of Medicine, Department of Medicine, Houston, TX, USA

10:30 AM - 12:00 PM

BASIC SCIENCE COMMITTEE SESSION:

"So You Want to be a Surgeon-Scientist: How to Succeed in Today's Environment"

GRAND BALLROOM 6-8

SESSION CHAIRS: Allan M. Goldstein, MD & Lawrence A. Shirley, MD

SPEAKERS: Sundeep G. Keswani, MD, FAAP, Allison Speer, MD, David J. Hackam, MD, PhD, J. Josh Smith, MD, PhD, & Melina R. Kibbe, MD, FAHA

This session, designed for residents, fellows, young faculty, and departmental leadership, will help aspiring surgeon-scientists to maximize their ability to survive and thrive in the increasingly challenging environment of academic surgery. the session focuses on several critical times during an academic surgeon's early career: finding the right job, negotiating for what you need, and starting off on the right foot.

- Introduction – Allan M. Goldstein, MD
- Current Challenges Facing Surgeon-Scientists – Sundeep G. Keswani, MD, FAAP
- What to Look for in a Faculty Position: A Young Surgeon's Perspective – Allison Speer, MD
- What to Look for in a Faculty Position: A Senior Surgeon's Perspective – David J. Hackam, MD, PhD
- How to Negotiate for What You Need to Succeed – J. Josh Smith, MD, PhD & Melina R. Kibbe, MD, FAHA
- Getting Off on the Right Foot: a Roadmap for Success – Lawrence A. Shirley, MD
- Question and Answers - All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Describe the current challenges facing surgeon-scientists.
- Learn how to choose the right job and how to negotiate for what you need to succeed.
- Discuss the factors to consider as you launch an academic career as a surgeon-scientist.

12:00 PM - 1:30 PM

HOT TOPIC LUNCH SESSION 2:

GRAND BALLROOM 6-8

"Integrated Residencies and Early Specialization Programs: A Threat to General Surgery Training or Innovative Approaches to Surgical Education?"**SESSION CHAIRS & MODERATORS:** Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM**SPEAKERS:** Mary E. Klingensmith, MD, John E. Rectenwald, MD, Jennifer N. Choi, MD, Malachi Sheahan, MD, Thomas K. Varghese Jr., MD, MS, & Douglas S. Smink, MD, MPH

At this Hot Topic Session, surgical education leaders in Vascular and Cardiothoracic Surgery will debate with General Surgery leaders on key issues related to restructuring graduate surgical training, the merits of the integrated and early specialization programs, and the impact of these paradigms on general surgery training. Following the debates, attendees will have the opportunity to participate in a panel question and answer session.

- Introduction – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM
- Changing paradigms in graduate surgical education, past, present and future: update from the ABS – Mary E. Klingensmith, MD
- Sweeping changes to long-standing training models: Why and How VS and CTS implemented Integrated and ESP programs – John E. Rectenwald, MD
- The Lived Experience: How Should Interactions between General Surgery and Vascular and Cardiothoracic Surgery Training Programs be Managed?: General Surgery Perspective – Jennifer N. Choi, MD
- The Lived Experience: How Should Interactions between General Surgery and Vascular and Cardiothoracic Surgery Training Programs be Managed?: VS/CTS Perspective – Malachi Sheahan, MD
- Question and Answers – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM
- The Future of Graduate Surgical Education: What is the Optimal Training Paradigm?: VS/CTS Perspective – Thomas K. Varghese, Jr., MD, MS
- The Future of Graduate Surgical Education: What is the Optimal Training Paradigm?: General Surgery Perspective – Douglas S. Smink, MD, MPH
- Question and Answers – Brigitte K. Smith, MD & Jacob A. Greenberg, MD, EdM

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Discuss the history of efforts to re-structure graduate surgical training, barriers that have impacted the implementation of proposed changes in the past, and current and future trends.
- Understand why and how Vascular Surgery and Cardiothoracic Surgery created integrated and ESP training programs, including unique features of these specialties that may have impacted their ability to make these changes.
- Explain the impact of the VS and CTS Integrated and ESP programs on GS residency programs and trainees, both positive and negative, including strategies to manage negative impacts.
- Discuss how these training models could inform the future of GS training.

OR

TUESDAY

WEDNESDAY

THURSDAY

12:00 PM - 1:30 PM

HOT TOPIC LUNCH SESSION 3:

GRAND BALLROOM 1-3

"Making Research Feasible for Busy Surgeons Through Infrastructure Support: Pros, Cons, and Lessons Learned the Hard Way"

MODERATORS: Scott A. LeMaire, MD & Barbara W. Trautner, MD, PhD

SPEAKERS: Timothy R. Billiar, MD, Mary Hawn, MD, Melina R. Kibbe, MD, FAHA, & Barbara W. Trautner, MD, PhD

This session is designed for anyone interested in increasing surgical participation in research, including their own participation. Leaders of four academic surgical programs will present examples of how they provided departmental-wide support for surgical research, followed by a panel discussion.

- Introduction – Barbara W. Trautner, MD, PhD
- Creating a Culture that Supports and Values Research – Melina R. Kibbe, MD, FAHA
- Creating an Educational and Training Resource of Housestaff and Young Faculty – Timothy R. Billiar, MD
- Establishing a Surgical Health Services Research Center – Mary Hawn, MD
- Building Infrastructure for Research Support – Barbara W. Trautner, MD, PhD
- Panel Discussion – All Speakers

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Engage in strategic thinking about what resources are needed to support surgical research.
- Appreciate the diversity of approaches that can meet surgeons' research support needs.
- Understand some of the challenges to building research infrastructure in a surgical department.
- Know how to conduct a planning meeting in which departmental research support staff assist faculty members in launching an industry-sponsored clinical trial.

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

78. BASIC SCIENCE: TRAUMA/CRITICAL CARE, CROSS-DISCIPLINARY QUICKSHOT SESSION

CITY TERRACE 4

MODERATORS: Matthew J. Delano, MD & Michael D. Goodman, MD

78.01. the Effect of Aspirin on Platelet Contraction. M. J. George¹, K. R. Aroom¹, M. A. Skibber¹, T. Sharma¹, C. S. Cox¹, C. E. Wade¹, B. S. Gill¹ ¹University of Texas Health Science Center at Houston, Center for Translational Injury Research, Houston, TEXAS, USA

78.02. Bladder Infection Reduces Uroepithelial Acid Ceramidase: A Novel Etiology for Recurrent UTIs. R. M. Boudreau¹, J. E. Baker¹, A. E. Mahdy¹, M. J. Edwards¹, E. Gulbins^{1,2}, A. P. Seitz¹ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA ²University of Duisburg-Essen, Department of Molecular Biology, Essen, NORTH RHINE-WESTPHALIA, Germany

78.04. A Combat-Relevant Model of Noncompressible Torso Hemorrhage with Hilum Clamping. A. Batchinsky^{1,2}, V. Karaliou¹, J. Choi^{1,2}, B. Beely^{1,2}, T. Roberts^{1,2}, G. Harea¹, J. Cannon³, L. Cancio⁶, S. Nessen⁶, V. Sams⁴, P. Mason⁴, J. Lantry⁵, A. Batchinsky^{1,2} ¹The Geneva Foundation, Tacoma, WA, USA ²University of the Incarnate Word, School of Osteopathic Medicine, Department of Translational Medicine, San Antonio, TX, USA ³University of Pennsylvania, Penn Presbyterian, Philadelphia, PA, USA ⁴Brooke Army Medical Center, Ft Sam Houston, TX, USA ⁵University of Maryland, Medical Center, Baltimore, MD, USA ⁶United States Army Institute of Surgical Research, JBSA Ft. Sam Houston, TX, USA

78.05. Recurrent Traumatic Brain Injury Does Not Degrade Spinal Motor Neurons in ALS or Wild Type Rodents. N. K. Dhillon¹, G. Barmparas¹, N. Cho¹, M. Alkaslasi¹, M. Marcelino¹, P. S. Haro¹, E. J. Ley¹, G. M. Thomsen¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

78.06. Glycocalyx Injury Correlates with Coagulopathy and Transfusion Requirements in Pediatric Trauma. R. Uhlich¹, P. Hu¹, J. Pittet³, M. Shroyer², P. Bosarge¹, J. Kerby¹, J. Richter¹, R. Russell² ¹University of Alabama at Birmingham, Acute Care Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Anesthesia, Birmingham, Alabama, USA

78.07. the Effects of Norepinephrine and Hypoxia on Bone Marrow Stromal Cytokine Expression. E. Miller¹, T. Loftus¹, K. Kannan¹, I. Alamo¹, J. Plazas¹, J. Mira¹, S. Brakenridge¹, P. Efron¹, A. Mohr¹ ¹University of Florida, Department of Surgery, Gainesville, FLORIDA, USA

78.10. Determination of Coagulation Kinetics Using a Novel Linear Thromboelastometry Device. C. K. Rozean¹, M. J. George¹, K. R. Aroom¹, M. A. Skibber¹, T. Sharma¹, C. E. Wade¹, C. S. Cox¹, B. S. Gill¹ ¹University of Texas Health Science Center at Houston, Houston, TX, USA

78.11. Microparticles Generated Following Traumatic Brain Injury Induce Observed Platelet Dysfunction. G. E. Martin¹, A. M. Pugh¹, R. Moran¹, R. Veile¹, L. Friend¹, A. T. Makley¹, C. C. Caldwell¹, M. D. Goodman¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA

78.12. Crystalloid and Blood Resuscitation Improves Murine Survival in Combined Hemorrhage and Burn Injury. A. D. Jung¹, L. Friend¹, S. Stevens-Topie¹, R. Schuster¹, C. C. Caldwell¹, T. A. Pritts¹ ¹University of Cincinnati, Department of Surgery, Cincinnati, OH, USA

78.13. Evaluating Endothelial Dysfunction in Burn Patients with Syndecan-1 as Marker of Glycocalyx Shedding. R. L. Ball^{1,3}, M. C. Bravo², K. Brummel-Ziedins², T. Orfeo², L. Moffatt³, J. W. Shupp^{1,3} ¹Washington Hospital Center, Washington, DC, USA ²University of Vermont College of Medicine / Fletcher Allen Health Care, Burlington, VT, USA ³Firefighters' Burn and Surgical Research Laboratory, Washington, DC, USA

78.14. Failure of Emergency Myelopoiesis in the Elderly in a Clinically Relevant Murine Sepsis Model. J. Stortz¹, M. Hollen¹, H. Horiguchi¹, E. Miller¹, R. Hawkins¹, S. Raymond¹, D. Nacionales¹, R. Ungaro¹, M. Dirain¹, B. Weiss¹, C. Leeuwenburgh², F. Moore¹, S. Brakenridge¹, L. Moldawer¹, A. Mohr¹, P. A. Efron¹ ¹University of Florida, Surgery, Gainesville, FL, USA ²University of Florida, Institute On Aging, Gainesville, FL, USA

78.15. Acute Lung Injury In Sepsis Patients Is Associated With Increased Available Circulating Heme. T. Cyr¹, P. Waltz¹, S. Shiva¹, S. Ofori-Acquah¹, B. Zuckerbraun¹ ¹University of Pittsburgh, Surgery, Pittsburgh, PA, USA

78.16. Changes in the Microparticle Milieu Following Traumatic Brain Injury with Concomitant Splenectomy. R. Moran¹, G. E. Martin¹, A. M. Pugh¹, R. Veille¹, L. Friend¹, A. T. Makley¹, C. C. Caldwell¹, M. D. Goodman¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA

78.17. Tranexamic Acid and Plasma Have a Synergistic Effect on Ameliorating the Endotheliopathy of Trauma. J. V. Martin¹, D. M. Liberati¹, L. N. Diebel¹ ¹Wayne State University, Michael and Marian Ilitch Department of General Surgery, Detroit, MI, USA

78.18. Experimental Diffuse Traumatic Brain Injury Increases Glucocorticoid-Receptors in the Amygdala. S. Ogle^{1,2,3}, C. Hair^{1,3}, B. Tallent^{1,3}, P. D. Adelson^{1,3}, J. Lifshitz^{1,3}, T. C. Thomas^{1,3}, S. B. Johnson² ¹University of Arizona College of Medicine, Child Health, Phoenix, AZ, USA ²Banner University Medical Center, Surgery, Phoenix, AZ, USA ³Barrow Neurological Institute at Phoenix Children's Hospital, Translational Neurotrauma Research Program, Phoenix, AZ, USA

78.19. Novel Rexinoids Decrease Cancer Stemness in Neuroblastoma Patient Derived Xenografts. A. P. Williams¹, L. L. Stafman¹, J. Aye¹, V. R. Atigadda⁴, J. E. Stewart¹, C. Grubbs², D. Muccio³, K. J. Yoon⁵, K. Whelan⁶, E. A. Beierle¹ ¹University of Alabama at Birmingham, Pediatric Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA ⁴University of Alabama at Birmingham, Dermatology, Birmingham, Alabama, USA ⁵University of Alabama at Birmingham, Pharmacology and Toxicology, Birmingham, Alabama, USA ⁶University of Alabama at Birmingham, Pediatrics, Birmingham, Alabama, USA

78.20. Microglia Activation In Spinal Cord Exposed To Amniotic Fluid In RA-induced Spina Bifida Rats. M. Oria¹, R. L. Figueira¹, F. Scorletti¹, L. Sbragia¹, F. Y. Lim¹, J. L. Peiro¹ ¹Cincinnati Children's Hospital Medical Center, Center for Fetal, Cellular and Molecular Therapy, Cincinnati, OH, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**79. BASIC SCIENCE: BREAST AND ENDOCRINE QUICKSHOT SESSION**

CITY TERRACE 5

MODERATORS: James C. Lee, MBBS, FRACS & Lawrence A. Shirley, MD

79.01. Whole-Exome Sequencing Identifies Distinct Mutation Profiles in Adrenocortical Cancer Cell Lines. N. G. Nicolson¹, R. Korah¹, T. Carling¹ ¹Yale University School of Medicine, Yale Endocrine Neoplasia Laboratory, Department of Surgery, New Haven, CT, USA

79.02. Novel marine compound demonstrates anticancer properties in thyroid cancer cells. B. A. Hijaz⁴, S. Jang⁴, D. Carmona-Matos⁴, A. Chang⁴, Z. Aburjania⁴, R. Jaskula-Sztul⁴, H. Chen⁴ ⁴University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA

79.03. Antiproliferative effects of marine natural compounds on neuroendocrine tumor cells. Z. Aburjania¹, S. Jang¹, A. W. Chang¹, J. Ou³, A. Subedi², S. Velu², H. Chen¹, R. Jaskula-Sztul¹ ¹University of Alabama at Birmingham, Surgery, Birmingham, Alabama, USA ²University of Alabama at Birmingham, Chemistry, Birmingham, Alabama, USA ³University of Alabama at Birmingham, Biomedical Engineering, Birmingham, Alabama, USA

79.04. Breast Cancer Cell Metabolism is Regulated by Sphingosine Kinases. M. Nagahashi¹, M. Nakajima¹, M. Abe², T. Saito³, M. Komatsu³, T. Soga⁴, J. Tsuchida¹, K. Yuza¹, K. Takabe^{5,6}, K. Sakimura², T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan ²Brain Research Institute, Niigata University, Department of Cellular Neurobiology, Niigata City, NIIGATA, Japan ³Niigata University Graduate School of Medical and Dental Sciences, Department of Biochemistry, Niigata City, NIIGATA, Japan ⁴Keio University, Institute for Advanced Biosciences, Tsuruoka City, YAMAGATA, Japan ⁵Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ⁶University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA

79.05. Breast Tumors that Express CCL5 and CXCL10 Attract CTLs and are Associated with Improved Survival. E. Katsuta¹, L. Yan², P. Kalinski³, K. Takabe¹ ¹Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA ³Roswell Park Cancer Institute, Department of Medicine, Buffalo, NY, USA

79.06. Metabolic Inhibition of Anaplastic Thyroid Cancer with 3-BP Depends on Hexokinase II Expression. M. A. Nehs¹, S. Aggarwal¹, B. Pollard¹, A. Aggarwal¹ ¹Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA

79.07. Triple-negative Breast Cancer that expresses high level of Annexin A1 have worse prognosis. M. Okano¹, E. Katsuta¹, K. Takabe¹ ¹Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.08. Ceramides Are Elevated with Activation of Ceramide Biosynthesis Pathways in Human Breast Cancer. K. Moro^{1,4}, T. Kawaguchi², J. Tsuchida¹, E. Gabriel², Q. Yan³, L. Yan³, N. Sato⁴, T. Wakai¹, K. Takabe^{2,5}, M. Nagahashi¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Digestive and General Surgery, Niigata, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NEW YORK, USA ³Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NEW YORK, USA ⁴Niigata Cancer Center Hospital, Surgery, Niigata, NIIGATA, Japan ⁵University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Surgery, Buffalo, NEW YORK, USA

79.09. Intrinsic heterogeneity of triple-negative breast cancer cells triggers vascular mimicry in 3D culture. A. MAITI¹, A. MAITI¹ ¹Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.10. Higher CD73 Expression is Associated with Poor Prognosis in Breast Cancer. E. Katsuta¹, L. Yan², K. Takabe¹ ¹Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA

79.11. Identification of Unique Immune Cell Subsets During the Progression of Capsular Fibrosis. B. Kuehlmann¹, M. Rodrigues¹, G. C. Gurtner¹ ¹Stanford University, Department of Surgery, Palo Alto, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

79.12. Sphingosine-1-phosphate Affects Tumor-associated Immune Cells in Human Breast Cancer Patients. J. Tsuchida¹, M. Nagahashi¹, K. Moro¹, A. Otani¹, M. Endo¹, M. Ikarashi¹, M. Nakajima¹, Y. Koyama¹, J. Sakata¹, T. Kobayashi¹, H. Kameyama¹, Q. Qi³, L. Yan³, K. Takabe^{2,4}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Buffalo, NEW YORK, USA ³Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NEW YORK, USA ⁴University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NEW YORK, USA

79.13. High Amplification of MYC are Associated with Poor Survival in non-Triple Negative Breast Cancer. K. Takabe¹, E. Katsuta¹, L. Yan², M. Nagahashi³ ¹Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ²Roswell Park Cancer Institute, Department of Biostatistics and Bioinformatics, Buffalo, NY, USA ³Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata, Japan

79.14. Neurotransmitters Attenuate Glucagon Release in Cultured Pancreatic Islets. A. M. Kressel¹, S. Chavan^{1,2}, K. J. Tracey^{1,2} ¹Northwell Health, Center for Biomedical Science, Manhasset, NY, USA ²Northwell Health, Center for Bioelectronic Medicine, Manhasset, NY, USA

79.15. Methods to improve establishment of breast cancer patient-derived xenografts. M. Okano¹, T. Kawaguchi¹, I. Okano¹, E. Katsuta¹, K. Takabe¹ ¹Roswell Park Cancer Institute, Breast Surgery, Buffalo, NY, USA

79.16. Elevated Expression of High Mobility Group Protein B1 is Associated with Breast Cancer Survival. K. McDonald¹, E. Katsuta¹, L. Yan¹, Q. Qi^{1,2}, X. Peng^{1,2}, K. Takabe¹ ¹Roswell Park Cancer Institute, Department of Surgery, Buffalo, NY, USA ²State University of New York Upstate Medical University, Syracuse, NY, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

80. BASIC SCIENCE: GENERAL SURGERY, COLORECTAL, AND PEDIATRICS QUICKSHOT SESSION

CITY TERRACE 6

MODERATORS: Colin A. Martin, MD & David B. Stewart, MD

80.01. for Better or Worse: Clinical Correlation of SOX9 and Irradiated Rectal Cancer. B. Trac², X. Ding³, A. McHenry², J. Eberhardt⁴, T. Saclarides¹, D. Hayden¹ ¹Rush University Medical Center, Department of General Surgery, Chicago, IL, USA ²Loyola University Medical Center, Stritch School of Medicine, Maywood, IL, USA ³Loyola University Medical Center, Department of Pathology, Maywood, IL, USA ⁴Loyola University Medical Center, Department of General Surgery, Maywood, IL, USA

80.02. Metastatic Anal Squamous Cell Carcinoma: Ex-vivo and In-vivo Therapeutic Correlation. M. C. Hernandez¹, L. Yang², J. Leitinger¹, J. R. Bergquist¹, M. J. Truty¹ ¹Mayo Clinic, Department of Surgery, Rochester, MN, USA ²Mayo Clinic, Center for Individualized Medicine, Rochester, MN, USA

80.03. Downregulation of Protein Tyrosine Phosphatase Receptor F Inhibit WNT and Cell Proliferation in CRC. T. Gan¹, P. D. Stevens¹, Y. Wen¹, X. Xing¹, S. Golshani¹, B. M. Evers¹, T. Gao¹ ¹University of Kentucky, Markey Cancer Center, Lexington, KY, USA

80.04. Myofibroblasts Enhance Colorectal Cancer Growth In A Novel Mouse Model Utilizing Murine Colonoscopy. M. Papageorge¹, T. Liu¹, L. Chen¹, J. Yoo¹ ¹Tufts Medical Center, Surgery, Boston, MA, USA

80.05. DNA Repair Genes Differentiate Colitis from Neoplasia in Colitis-Associated Colon Cancer. *R. A. Malizia², *S. P. Sharp², T. Walrath¹, D. Shanti¹, C. J. Booth³, E. C. Lee², S. C. Stain², W. O'Connor¹ ¹Albany Medical College, Department of Immunology and Microbial Disease, Albany, NY, USA ²Albany Medical College, Department of Surgery, Albany, NY, USA ³Yale University School of Medicine, Department of Comparative Medicine, New Haven, CT, USA *Co-First Authors

80.06. High Expression of Sphingosine Kinase 1 in Colitis-Associated Cancer. K. Yuza¹, M. Nagahashi¹, Y. Shimada¹, M. Nakano¹, Y. Tajima¹, H. Kameyama¹, M. Nakajima¹, H. Ichikawa¹, J. Sakata¹, T. Kobayashi¹, K. Takabe^{2,3}, T. Wakai¹ ¹Niigata University Graduate School of Medical and Dental Sciences, Division of Digestive and General Surgery, Niigata City, NIIGATA, Japan ²Roswell Park Cancer Institute, Breast Surgery, Department of Surgical Oncology, Buffalo, NY, USA ³University at Buffalo Jacobs School of Medicine and Biomedical Sciences, the State University of New York, Department of Surgery, Buffalo, NY, USA

80.07. Survival Mouse Model of Intraperitoneal Perfusion Mimicking Hyperthermic Intraperitoneal Chemotherapy (HIPEC). M. Peterson¹, E. McCabe-Lankford¹, B. McCarthy¹, N. Levi-Polyachenko¹ ¹Wake Forest University School of Medicine, Winston-Salem, NC, USA

80.08. Viscoelastic Clot Strength Correlates to Hypercoagulable Conditions Under Flow Model of Hemostasis. P. J. Lawson¹, H. B. Moore¹, E. E. Moore¹, M. E. Gerich¹, G. R. Stettler¹, A. Banerjee¹, J. A. Schoen¹, R. D. Schulick¹, T. L. Nydam¹ ¹University of Colorado Denver, Aurora, CO, USA

80.09. The Impact of DNA Repair Genes and Microsatellite Instability on Survival in Colorectal Cancer. S. Narayanan¹, T. Kawaguchi¹, L. Yan¹, X. Peng¹, Q. Qi¹, K. Takabe¹ ¹Roswell Park Cancer Institute, Surgical Oncology, Buffalo, NY, USA

80.10. Nanoscale-based Approaches to Non-viral Reprogramming of Surgically Accessible Tissues. N. Higuera-Castro^{1,2}, C. Wier³, J. Moore^{1,2}, S. Duarte-Sanmiguel^{2,5}, A. Sunycz¹, C. K. Sen¹, S. J. Kolb^{3,4}, D. Gallego-Perez^{1,2} ¹The Ohio State University, Department of Surgery, Columbus, OH, USA ²The Ohio State University, Department of Biomedical Engineering, Columbus, OH, USA ³The Ohio State University, Department of Neurology, Columbus, OH, USA ⁴The Ohio State University, Department of Biological Chemistry & Pharmacology, Columbus, OH, USA ⁵The Ohio State University, OSU Nutrition, Columbus, OH, USA

80.11. Impact of the Gut Microbiome-Host Interaction on Postoperative Complications: An Exploratory Review. V. M. Gershuni^{1,2}, G. D. Wu², R. R. Kelz¹ ¹Hospital of the University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA ²Hospital of the University of Pennsylvania, Division of Gastroenterology, Philadelphia, PA, USA

80.12. Hospital Based Tooth Extractions in the US. A. Gupta¹, E. B. Schneider² ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Ohio State University, College of Medicine, Columbus, OH, USA

80.13. Novel Clinical Implementation of a Magnetic Surgery Center in the US. A. D. Gueron¹, S. W. Schimpke¹, C. Ortega¹, C. Park¹, R. Sudan¹, J. Yoo¹, K. Seymour¹, D. Portenier¹ ¹Duke University Medical Center, Durham, NC, USA

80.14. Does Maternal Smoking Alter Gene Expression in Necrotizing Enterocolitis? M. Hogg¹, B. Ragland³, P. J. Matheson^{2,4}, C. Kapsalis¹, J. W. Smith², C. D. Downard² ¹University of Louisville, School of Medicine, Louisville, KY, USA ²University of Louisville, Hiram C. Polk, Jr. MD Department of Surgery, Louisville, KY, USA ³Georgetown College, Georgetown, KY, USA ⁴Robley Rex Veterans Affairs Medical Center, Louisville, KY, USA

80.15. Correlation of PIM3 Expression with Patient/Tumor Characteristics and Survival in Hepatoblastoma. M. G. Waldrop¹, L. Stafman¹, A. Williams¹, A. Lazenby¹, E. Mroczek-Musulman¹, J. Stewart¹, E. Beierle¹ ¹University of Alabama at Birmingham, Birmingham, Alabama, USA

80.16. Development of Weight-loss Surgery Techniques in a Murine Model. H. A. Frohman^{1,2}, P. G. Rychahou^{1,2}, J. Li², B. M. Evers^{1,2} ¹University of Kentucky, Department of Surgery, Lexington, KY, USA ²University of Kentucky, Markey Cancer Center, Lexington, KY, USA

80.17. Increased Claudin 2 is associated with a Human Enteroid Model of Necrotizing Enterocolitis. G.J. Ares^{1,3}, C. Yuan³, D. Wood³, C.J. Hunter^{2,3} ¹University of Illinois at Chicago, Department of Surgery, Chicago, IL, USA ²Ann & Robert H. Lurie Children's Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA ³Northwestern University, Department of Pediatrics, Chicago, IL, USA

80.19. Delayed Mitochondrial Maturation Contributes to Metabolic Injury in the Gut. F. Salimi Jazi¹, Z. Sun¹, G. Tao¹, T. J. Sinclair², K. G. Sylvester¹ ¹Stanford University, Division of Pediatric Surgery/ Department of Surgery, Palo Alto, CA, USA ²Stanford University, Department of Surgery, Palo Alto, CA, USA

80.20. Peak Epithelial Cell Response During Intestinal Adaptation in a Zebrafish Model of SBS. M. Isani¹, K. Schall¹, A. Fode¹, X. Hou¹, T. C. Grikscheit¹ ¹Children's Hospital Los Angeles, Los Angeles, CA, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**81. CLINICAL/OUTCOMES: COLORECTAL QUICKSHOT SESSION 2**

CITY TERRACE 7

MODERATORS: Cherif Boutros, MD, MSc & Jonathan B. Mitchem, MD

81.01. Identifying Factors that Decrease Utilization of Adjuvant Chemotherapy in Stage III Colon Cancer. P. M. Schroder¹, M. C. Turner¹, B. Ezekian¹, Z. Sun¹, M. A. Adam¹, C. R. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Department of Surgery, Durham, NC, USA

81.02. the Association Between Sarcopenia and Myosteatosis and Post-operative Outcomes in patients with IBD. S. J. O'Brien^{1,2}, O. J. O'Connor³, E. J. Andrews² ¹University of Louisville, Surgery, Louisville, KY, USA ²University College Cork, Surgery, Cork, CORK, Ireland ³University College Cork, Radiology, Cork, CORK, Ireland

81.03. Incidence and Risk Factors of C. difficile Infection in Patients with Ileal Pouch-Anal Anastomosis. P. D. Strassle^{1,3}, J. Samples¹, E. E. Sickbert-Bennet^{2,3}, D. J. Weber^{2,3}, T. S. Sadiq¹, N. Chaumont¹ ¹University of North Carolina at Chapel Hill, School of Medicine, Department of Surgery, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, School of Medicine, Department of Medicine, Chapel Hill, NC, USA ³University of North Carolina at Chapel Hill, Gillings School of Global Public Health, Department of Epidemiology, Chapel Hill, NC, USA

81.04. Treatment & Prognosis of Rectal Squamous Cell Carcinoma: Analysis of the National Cancer Database. K. E. Koch¹, P. Goffredo¹, A. Beck¹, P. Kalakoti¹, I. Hassan¹ ¹University of Iowa, Surgery, Iowa City, IA, USA

81.05. Risk factors for 30-day readmission after colorectal surgery: does transfer status matter? S. T. Lumpkin¹, P. Strassle^{1,2}, N. Chaumont¹ ¹University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Department of Epidemiology, Chapel Hill, NC, USA

81.06. Emergency Room Admits and Complicating Factors are Linked to Poor Outcomes in Colorectal Surgery. M. Kanneganti¹, P. Friedmann¹, R. Levine¹, H. In¹ ¹Albert Einstein College of Medicine, Surgical Oncology, Bronx, NY, USA

81.07. Revolving Door: the Impact of Length of Stay on Readmissions After Colon and Rectal Operations. D. Peterson^{1,3}, F. Guzman¹, L. Yu⁴, W. Cirocco¹, A. Harzman¹, A. Traugott¹, M. Arnold¹, S. Husain¹ ¹Ohio State University, Colon and Rectal Surgery, Columbus, OH, USA ³Penn State Hershey Medical Center, Surgery, York, PA, USA ⁴Ohio State University, Biostatistics, Columbus, OH, USA

81.08. Laparoscopic Surgery for Rectal Prolapse: Short-Term Outcomes Should Not Dictate the Approach. P. L. Rosen¹, D. J. Gross¹, H. Talus⁵, V. Roudnitsky², M. Muthusamy³, G. Sugiyama⁴, P. J. Chung³ ¹State University of New York Downstate Medical Center, Department of Surgery, Brooklyn, NY, USA ²Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA ³Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA ⁴Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA ⁵Kings County Hospital Center, Department of Surgery, Brooklyn, NY, USA

81.09. Proximal Intestinal Diversion for Colorectal Anastomoses: What Are We Preventing? A. Sunkerneni¹, R. J. Kucejko¹, D. E. Stein¹, J. L. Poggio¹ ¹Drexel University College of Medicine, Surgery, Philadelphia, PA, USA

81.10. Racial Disparities in Opioid Utilization in Patients Undergoing Colorectal Surgery: Does It Exist? P. K. Patel¹, R. K. Burton¹, K. E. Hudak¹, L. E. Goss¹, E. A. Dasinger¹, M. Morris¹, J. Richman¹, G. Kennedy¹, J. A. Cannon¹, D. I. Chu¹ ¹University of Alabama at Birmingham, Gastrointestinal Division, Birmingham, Alabama, USA

81.11. Virtual Postoperative Visits for New Ostomates. T. L. White¹, J. Moss¹, P. Watts¹, J. Cannon¹, D. Chu¹, G. Kennedy¹, S. Vickers¹, M. Morris¹ ¹University of Alabama at Birmingham, Birmingham, AL, USA

81.12. Robotic vs Laparoscopic Resection for Colorectal Disease. T. K. Kleinschmidt¹, M. Ferrara¹, J. Rosser¹, M. Parker¹ ¹Brookwood Baptist Health System, Department of General Surgery, Birmingham, AL, USA

81.13. Effect of BMI on Outcomes after Surgery for Perforated Diverticulitis. K. T. Weber¹, P. Chung², M. Sfakianos¹, V. Patel¹, A. Alfonso¹, J. Nicastro¹, G. Coppa¹, G. Sugiyama¹ ¹Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA ²Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA

81.14. Laparoscopic Radical Right Hemicolectomy Using Caudal -to-Cranial Versus Medial-to-Lateral Approach. L. Zou¹, B. Zheng¹, L. Zou¹ ¹Guangdong Provincial Hospital of Chinese Medicine, Department of Gastrointestinal Surgery, Guangzhou, GUANGDONG, China

81.15. "Practice Patterns and Outcomes of Splenic Flexure Mobilization During Laparoscopic Left Colectomy." B. Resio¹, K. Y. Pei¹ ¹Yale University School of Medicine, Surgery, New Haven, CT, USA

81.16. Does Umbilical Cleanliness Correlate with Colorectal Surgery Patient Outcomes? J. T. Brady², A. R. Althans², M. Nishtala², S. L. Stein², E. Steinhagen², H. L. Reynolds², C. P. Delaney⁴, S. R. Steele³ ²University Hospitals Cleveland Medical Center, Surgery, Cleveland, OH, USA ³Cleveland Clinic, Colorectal Surgery, Cleveland, OH, USA ⁴Cleveland Clinic, Digestive Disease and Surgery Institute, Cleveland, OH, USA

81.17. Morbidity and Mortality in Patients Undergoing Fecal Diversion as an Adjunct to Wound Healing. R. J. Kucejko¹, M. E. Pontell¹, D. Scantling¹, M. Weingarten¹, D. E. Stein¹ ¹Drexel University College of Medicine, Surgery, Philadelphia, PA, USA

81.18. Racial Disparities in Incidence of Colon Cancer in Patients with IBD. P. Vij¹, D. Chen¹, V. Pandit¹, D. Sessinou¹, A. Cruz¹, C. Charlton¹, V. Nfonam¹ ¹University of Arizona, Tucson, AZ, USA

81.19. 30-Day Hospital Readmission after surgery for colon cancer: Who is at risk of coming back? V. Pandit¹, F. S. Jehan¹, C. Martinez¹, M. Khan¹, M. Zeeshan¹, V. N. Nfonam¹ ¹University of Arizona, Division of Colorectal Surgery, Tucson, AZ, USA

81.20. RACIAL DISPARITIES and GENDER DIFFERENCES IN ANAL CANCER. A. Cruz¹, D. Chen¹, V. Pandit¹, C. L. Charlton¹, D. Sessinou¹, P. Vij¹, V. N. Nfonam¹ ¹University of Arizona, Department of Surgery, Tucson, AZ, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

82. CLINICAL/OUTCOMES: GENERAL SURGERY QUICKSHOT SESSION 4

CITY TERRACE 8

MODERATOR: Dana A. Telem, MD

82.01. Emergency General Surgery Patients With Psychiatric Comorbidities and Increased Resource Utilization. A.

Lauria², V. Haney¹, J. S. Kim¹, A. Kulaylat¹, S. Armen¹, M. Boltz¹, S. Allen¹ ¹Milton S. Hershey Medical Center, Hershey, PA, USA ²Walter Reed Medical Center, Bethesda, MARYLAND, USA

82.02. Perioperative Factors Associated With Postoperative Pain Following Open Ventral Hernia Repair. W. R. Ueland¹, M. Plymale¹, D. Davenport¹, J. Roth¹ ¹University of Kentucky, Lexington, KY, USA

82.03. Epidurals are Associated with Increased Morbidity and Length of Stay in Open Ventral Hernia Repairs. S. L. Zhou¹, M. C. Helm¹, J. H. Helm¹, M. I. Goldblatt¹ ¹Medical College of Wisconsin, Department of Surgery, Milwaukee, WI, USA

82.04. Thyroidectomy In Older Adults: An ACS-NSQIP Study of Outcomes. Z. T. Sahli¹, G. Ansari¹, J. K. Canner¹, D. Segev¹, M. A. Zeiger¹, A. Mathur¹ ¹Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA

82.05. Timing of Post-Operative Complications after Major Abdominal Surgery Varies by Age. C. Bierema¹, A. J. Sinnamon¹, C. E. Sharoky¹, C. J. Wirtalla¹, R. E. Roses¹, D. L. Fraker¹, R. R. Kelz¹, G. C. Karakousis¹ ¹University of Pennsylvania, Philadelphia, PA, USA

82.06. Staphylococcus aureus Nares Colonization Rates and Decolonization Efficacy of Povidone-Iodine. D. S. Urias¹, J. Di Como¹, K. Curfman¹, M. Marley¹, W. Carney¹, D. Duke¹, R. Dumire¹, S. Morrissey¹ ¹Conemaugh Memorial Medical Center, Johnstown, PA, USA

82.07. Significant Proportion of Small Bowel Obstructions Require > 48 Hours to Resolve after Gastrografin. M. B. Mulder¹, M. D. Ray-Zack², M. Hernandez², D. Cullinane⁴, D. Turay⁵, S. Wydo³, M. Zielinski², D. Yeh¹ ⁵Loma Linda University School of Medicine, Department of Surgery, Loma Linda, CA, USA ¹University of Miami, Ryder Trauma Center: Division of Trauma and Surgical Critical Care, Miami, FL, USA ²Mayo Clinic, Division of Trauma, Critical Care, and General Surgery, Rochester, MN, USA ³Cooper University Hospital, Department of Trauma Surgery, Camden, NJ, USA ⁴University of Wisconsin, Department of Surgery Marshfield Clinic, Madison, WI, USA

82.08. Microbiological Patterns and Sensitivity in Necrotizing Soft Tissue Infections in Rwanda. M. CHRISTOPHE¹, J. Rickard^{2,3}, F. Charles^{1,4}, N. Faustin^{1,3} ¹University of Rwanda, College of Medicine and Health Sciences, Kigali, KIGALI, Rwanda ²University of Minnesota, Surgery and Critical Care, Minneapolis, MN, USA ³University Teaching Hospital of Kigali, Surgery, Kigali, KIGALI, Rwanda ⁴Rwanda Military Hospital, Plastic and Reconstructive Surgery, Kigali, KIGALI, Rwanda

82.09. GASTROINTESTINAL BLEEDING IN the 21st CENTURY: NO LONGER A SURGICAL DISEASE?. D. A. Hill¹, L. Khoury¹, M. Kopp¹, M. Panzo¹, T. Bajaj¹, C. Schell¹, A. Corrigan¹, R. Rodriguez¹, S. Cohn¹ ¹Northwell Health at Staten Island University Hospital, Department of Surgery, Staten Island, NEW YORK, USA

82.10. Opioid Prescriptions in General Surgery: Perception vs Reality. J. S. Danobeitia¹, J. R. Imbus¹, J. L. Philip¹, D. F. Schneider¹, D. Melnick¹ ¹University of Wisconsin, Surgery, Madison, WI, USA

82.11. Outcomes of GI Operations in Neutropenic Patients. M. Harary^{1,2}, J. S. Jolissaint², A. Tavakkoli^{1,2} ¹Harvard Medical School, Boston, MA, USA ²Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA

82.12. Laparoscopic versus Open Bowel Resection for Small Intestine Diverticulitis. M. P. DeWane¹, A. S. Chiu¹, I. Rezek¹, K. Y. Pei¹ ¹Yale University School of Medicine, Department of Surgery, New Haven, CT, USA

82.13. Is Intraoperative Assessment of Small Bowel Resection Accurate?. W. I. McKinley¹, B. Strollo¹, M. Bennis¹, A. Motameni¹, N. Nash¹, M. Bozeman¹, K. Miller¹ ¹University of Louisville, Department of Surgery, Louisville, KENTUCKY, USA

82.14. Outcomes of Femoral Hernias in Veteran Patients. L. R. Taveras Morales¹, S. Huerta^{1,2} ¹University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Department of Surgery, Dallas, TX, USA

82.15. Surgical Performance Dashboard Analysis Affirms that Hypertension is a Biomarker of Surgical Risk. L. A. Gurien¹, J. Ra¹, H. Kendall¹, L. Palmer¹, A. J. Kervin¹, J. J. Tepas¹ ¹University of Florida College of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA

82.16. Revised Cardiac Risk Index Poorly Predicts Cardiovascular Complications after Adhesiolysis for SBO. D. Asuzu¹, G. Chao¹, K. Y. Pei¹ ¹Yale University School of Medicine, Department of General Surgery, New Haven, CT, USA

82.17. Impact of Prescription Drug Monitoring System on Prescribing Practices after Out Patient Procedures. J. L. Philip¹, J. R. Imbus¹, J. S. Danobeitia¹, N. Zaborek¹, D. F. Schneider¹, D. M. Melnick¹ ¹University of Wisconsin, Madison, WI, USA

82.18. Assessing Coding Practices for Surgical Operations over Time in the United States. F. Gani¹, A. Z. Paredes², J. K. Canner¹, F. M. Johnston¹, E. B. Schneider², T. M. Pawlik² ¹Johns Hopkins University School of Medicine, Surgery, Baltimore, MD, USA ²Ohio State University, Surgery, Columbus, OH, USA

82.19. Lipomatous Mass with Highrisk Radiographic Features: Is Routine Corebiopsy Warranted before Excision?. V. Satyananda¹, C. Dauphine¹, D. Hari¹, K. Chen¹, J. Ozao-Choy¹ ¹Harbor UCLA Medical Center, General Surgery, Los Angeles, CALIFORNIA, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**83. CLINICAL/OUTCOMES: GLOBAL SURGERY AND PLASTICS QUICKSHOT SESSION**

CITY TERRACE 9

MODERATORS: Catherine Juillard, MD, MPH & Sanjay Krishnaswami, MD**83.01. What is Your Piece of the Pie? A Survey of Surgeons'**

Perceptions on Scope of Practice. A. Nayyar¹, K. Patterson², M. C. Roughton², C. Wu² ¹University of North Carolina at Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Plastic and Reconstructive Surgery, Chapel Hill, NC, USA

83.02. Burns: Epidemiology, Treatment, and Outcomes at a

Regional Referral Hospital In Uganda. K. Albutt^{1,2}, M. Tungoto^{3,4}, G. Drevin¹, S. Ttendo^{3,4}, J. Ngonzi^{3,4}, P. Firth⁵, D. Nehra^{1,6} ¹Harvard Medical School, Program In Global Surgery and Social Change, Boston, MA, USA ²Massachusetts General Hospital, Department of General Surgery, Boston, MA, USA ³Mbarara Regional Referral Hospital, Mbarara, MBARARA, Uganda ⁴Mbarara University of Science and Technology, Mbarara, MBARARA, Uganda ⁵Massachusetts General Hospital, Department of Anesthesia, Critical Care and Pain Medicine, Boston, MA, USA ⁶Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA

83.03. Determinants of Surgical Burden and Access to Care in Trujillo,

Peru. P. F. Johnston¹, J. Badach⁴, F. Muñoz Córdova³, R. A. Cisneros², Z. C. Sifri¹ ¹Rutgers New Jersey Medical School, Surgery, Newark, NJ, USA ²Universidad Nacional De Trujillo, Trujillo, LA LIBERTAD, Peru ³Universidad Privada Antenor Orrego, Trujillo, LA LIBERTAD, Peru ⁴Cooper University Hospital, Surgery, Camden, NJ, USA

83.04. Access to trauma and surgical care in rural Northeastern

Uganda—a mixed methods study. N. Lin^{1,2}, O. Nwanna-Nzewunwa¹, M. Carvalho¹, A. M. Margaret³, A. E. Wange³, G. Motwani¹, L. Gwynn², R. A. Dicker¹, C. Juillard¹ ¹University of California - San Francisco, Center for Global Surgical Studies, San Francisco, CA, USA ²University of Miami, Miami, FL, USA ³Soroti Regional Referral Hospital, Soroti, SOROTI, Uganda

83.05. Delayed Diagnosis and Treatment of Pediatric Colorectal

Conditions in Uganda. A. Yap², A. Muzira³, D. Ozgediz², T. N. Fitzgerald¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Yale University School of Medicine, Surgery, New Haven, CT, USA ³Mulago Hospital, Pediatric Surgery, Kampala, KAMPALA, Uganda

83.06. Burden, Backlog, and Economic Consequences of Pediatric

Surgical Conditions in Uganda: A Pilot Study. A. Godier-Furnemont¹, M. Cheung², N. Kakembo³, A. Nabirye³, H. Namboozee³, A. Yap¹, P. Kisa³, A. Muzira³, J. Sekabira³, D. Ozgediz² ¹Yale University, Medical School, New Haven, CT, USA ²Yale University, Department of Surgery, New Haven, CT, USA ³Makerere University, Mulago Hospital, Department of Surgery, Kampala, Uganda

83.07. Oil Tanker Truck Explosions 1997-2017: A Global Review

of the Literature. C. Ewbank¹, S. Gupta^{5,8}, B. Stewart^{3,4}, A. L. Kushner^{5,6}, A. Charles^{2,7} ¹University of California San Francisco - East Bay, Department of Surgery, Oakland, CA, USA ²University of North Carolina, Gillings School of Global Public Health, Chapel Hill, NC, USA ³University of Washington, Department of Surgery, Seattle, WA, USA ⁴Stellenbosch University, Department of Interdisciplinary Health Sciences, Cape Town, South Africa ⁵Surgeons OverSeas, New York, NY, USA ⁶Johns Hopkins Bloomberg School of Public Health, Center for Humanitarian Health, Baltimore, MD, USA ⁷University of North Carolina, School of Medicine, Chapel Hill, NC, USA ⁸Shock Trauma, Baltimore, MD, USA

83.08. You pray to your God: qualitative analysis of challenges in the provision of surgical care in Uganda.

K. Albutt^{1,2}, R. R. Yorlets², M. Punchak^{2,3}, P. Kayima⁴, D. B. Namanya^{5,6}, G. A. Anderson^{1,2}, M. G. Shrimel^{2,7} ¹Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ²Harvard Medical School, Program In Global Surgery and Social Change, Boston, MA, USA ³David Geffen School of Medicine, University of California at Los Angeles, Los Angeles, CA, USA ⁴Mbarara University of Science and Technology, Department of Surgery, Mbarara, MBARARA, Uganda ⁵Ministry of Health, Planning Division, Kampala, KAMPALA, Uganda ⁶Uganda Martyrs University, Nkozi, NKOZI, Uganda ⁷Massachusetts Eye and Ear Infirmary, Department of Otolaryngology, Boston, MA, USA

83.09. Implementation of a Standardized Data-Collection

System for Comprehensive Appraisal of Cleft Care. P. Bittar², A. Carlson¹, A. Mabie³, J. Marcus¹, A. C. Allori¹ ¹Duke University Medical Center, Plastic Surgery, Durham, NC, USA ²Duke University School of Medicine, Durham, NC, USA ³Duke University Medical Center, Otolaryngology & Communication Sciences, Durham, NC, USA

83.10. Improving Patient Satisfaction with Same Day as Clinic

Pediatric Surgery. C. N. Criss¹, J. Brown¹, J. Gish¹, S. K. Gadepalli¹, R. B. Hirsch¹ ¹C.S.Mott Children's Hospital, Pediatric Surgery, Ann Arbor, MI, USA

83.11. the Utility of PEEK Implants Adjacent to Sinus Cavities after

Craniofacial Trauma. V. Suresh¹, R. Anolik¹, D. Powers¹ ¹Duke University Medical Center, Durham, NC, USA

83.12. Efficacy of a Surgical Site Infection Scorecard for Quality

Improvement in Haiti. J. A. Codner¹, A. Farrell¹, C. Brownfield¹, C. Haack¹, J. Srinivasan¹, J. Sharma¹ ¹Emory University School of Medicine, Atlanta, GA, USA

83.13. Developing Trauma Audit Filters for Regional Referral

Hospitals in Cameroon: A Mixed-Methods Approach. N. Wu¹, T. C. Nana¹, R. Dicker¹, M. Carvalho¹, O. Nwanna-Nzewunwa¹, G. Motwani¹, S. A. Christie¹, A. Chichom Mefire¹, C. Juillard¹ ¹Center for Global Surgical Studies, University of California, San Francisco, San Francisco, CA, USA

83.14. Standardized Wound Management In Kenya: A Survey

of Junior Doctors In 20 Counties. W. C. Wanjau¹, N. R. Gitau⁴, J. K. Wanjeri³, A. L. Kushner¹, S. M. Wren² ¹Johns Hopkins University School of Public Health, International Health, Baltimore, MARYLAND, USA ²Stanford University, Center for Innovation In Global Health, Palo Alto, CA, USA ³University of Nairobi, Department of Surgery, Nairobi, NAIROBI, Kenya ⁴Embu County Referral Hospital, Surgery, Embu, EMBU, Kenya

83.15. Quality and Safety Initiatives at the Volta River Authority

Hospital in Akosombo, Ghana. K. E. Smiley¹, L. Ofori³, C. Spangler¹, R. Acquah-Arhin³, D. Deh², J. Enos², S. Manortey², F. Baiden², S. R. Finlayson¹, R. R. Price¹, M. McCrum¹ ¹University of Utah Health Sciences, Department of Surgery, Salt Lake City, UT, USA ²Ensign College of Public Health, Kpong, EASTERN REGION, Ghana ³Volta River Authority Hospital, Akosombo, Eastern Region, Ghana

83.16. Coeliosurgery Indications in Gynecology at Panzi

General Hospital in DR Congo. M. Ntakwinja¹, B. Cadiere¹, D. Mukwege¹ ¹Panzi Hospital, Gynecology-Obstetric, Bukavu, SOUTH KIVU, Congo

83.17. Review of the Current State of Orthopedic Specialists in

Japan. Y. Yatabe¹, K. Ikeda¹ ¹Ichihara Hospital, Dept. of Orthop. Surg., Tsukuba, IBARAKI, Japan

83.18. * West African College of Surgeons Visitor: OVERVIEW

and MANAGEMENT of OBSTETRIC FISTULA IN SUBSAHARAN AFRICA. SM Gueye¹ ¹University Cheikh Anta DIOP and Grand Yoff General Hospital, DAKAR, SENEGAL

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

84. CLINICAL/OUTCOMES: HEPATOPANCREATOBILIARY QUICKSHOT SESSION

CITY TERRACE 10

MODERATORS: Eric C. Feliberti, MD & Hiromichi Ito, MD

84.01. Surgical Resection in Stage IV Pancreatic Cancer: A Review of the SEER Database (2004-2013). K. M. Turner¹, C. J. Joyce¹, A. R. Dhanarajan¹, J. L. Gnerlich² ¹Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA ²Louisiana State University Health Sciences Center, Surgery, New Orleans, LA, USA

84.02. Tumor Biology Impacts Survival in Surgically Managed Primary Hepatic Vascular Malignancies. E. Dogeas¹, A. E. Mokdad¹, M. Porembka¹, S. Wang¹, A. Yopp¹, P. Polanco¹, J. Mansour¹, R. Minter¹, M. A. Choti¹, M. M. Augustine¹ ¹University of Texas Southwestern Medical Center, Surgical Oncology, Dallas, TX, USA

84.03. the Effects of Morbid Obesity on Outcomes Following Pancreaticoduodenectomy for Pancreatic Cancer. E. H. Chang¹, P. L. Rosen¹, D. J. Gross¹, V. Roudnitsky², M. Muthusamy⁴, G. F. Coppa³, G. Sugiyama³, P. J. Chung⁴ ¹State University of New York Downstate Medical Center, Department of Surgery, Brooklyn, NY, USA ²Kings County Hospital Center, Division of Trauma and Acute Care Surgery, Brooklyn, NY, USA ³Hofstra Northwell School of Medicine, Department of Surgery, Hempstead, NY, USA ⁴Coney Island Hospital, Department of Surgery, Brooklyn, NY, USA

84.04. the Role of a Multidisciplinary Tumor Board in Management of Patients with Pancreatic Cystic Lesions. K. Rawlins¹, C. McQuinn², E. B. Schneider², P. Muscarella³, M. Dillhoff², C. R. Schmidt², L. A. Shirley² ¹Ohio State University, College of Medicine, Columbus, OH, USA ²Ohio State University, Department of Surgery, Columbus, OH, USA ³Albert Einstein College of Medicine, Department of Surgery, Bronx, NY, USA

84.05. Health Disparities Impact the Expected Treatment of Pancreatic Ductal Adenocarcinoma Nationally. W. Lutfi¹, M. S. Zenati¹, A. H. Zureikat¹, H. J. Zeh¹, M. E. Hogg¹ ¹University of Pittsburgh, Pittsburgh, PA, USA

84.06. A Prognostic Nomogram for Patients with Fibrolamellar Hepatocellular Carcinoma After Resection. O. S. Eng¹, M. Raoof¹, P. Ituarte¹, S. G. Warner¹, G. Singh¹, Y. Fong¹, L. G. Melstrom¹ ¹City of Hope National Medical Center, Duarte, CA, USA

84.07. Two Enhanced Recovery After Pancreatectomy Protocols Do Not Offer Similar Results. A. McQuaid¹, K. Subramaniam², M. Boisen², S. Esper², K. Meister², J. Gealey², J. Holder-Murray³, A. Hamad³, M. Hogg³, H. Zeh³, A. Zureikat³ ¹University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA ²University of Pittsburgh Medical Center, Department of Anesthesia, Pittsburgh, PA, USA ³University of Pittsburgh Medical Center, Department of GI Surgical Oncology, Pittsburgh, PA, USA

84.08. Management of Biliary Stent-Induced Cholecystitis in Patients with Pancreatic Adenocarcinoma. N. R. Jariwalla¹, M. Aburajab², A. H. Khan², K. Dua², M. Aldakkak¹, K. K. Christians¹, B. George³, P. S. Ritch³, B. A. Erickson⁴, W. A. Hall⁴, M. Griffin⁵, D. B. Evans¹, S. Tsai¹ ¹Medical College of Wisconsin, Surgical Oncology/ Surgery, Milwaukee, WI, USA ²Medical College of Wisconsin, Gastroenterology/Medicine, Milwaukee, WI, USA ³Medical College of Wisconsin, Hematology Oncology/Medicine, Milwaukee, WI, USA ⁴Medical College of Wisconsin, Radiation Oncology, Milwaukee, WI, USA ⁵Medical College of Wisconsin, Radiology, Milwaukee, WI, USA

84.09. Mortality After Pancreaticoduodenectomy: Determining Early and Late Causes of Patient Specific Death. S. Narayanan¹, A. N. Martin¹, F. E. Turrentine¹, T. W. Bauer¹, R. B. Adams¹, V. M. Zaydfudim¹ ¹University of Virginia, Department of Surgery, Charlottesville, VA, USA

84.10. Postoperative Outcomes After Preoperative Chemotherapy vs Chemoradiation in Resected Pancreas Cancer. A. A. Mokdad¹, C. A. Hester¹, S. C. Wang¹, M. R. Porembka¹, M. M. Augustine¹, A. C. Yopp¹, J. C. Mansour¹, R. M. Minter¹, M. A. Choti¹, P. M. Polanco¹ ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA

84.11. Comparing Oncologic and Short-Term Outcomes of Minimally Invasive vs Open Pancreaticoduodenectomy. R. J. Torphy¹, C. Friedman¹, B. C. Chapman¹, M. D. McCarter¹, R. D. Schulick¹, B. H. Edil¹, A. Gleisner¹ ¹University of Colorado, Department of Surgery, Aurora, CO, USA

84.12. Vital Signs Predict Post-Operative Complications in Patients Undergoing Pancreaticoduodenectomy. K. Dukleska¹, A. Felix¹, S. Iyer¹, G. Medina¹, H. Lavu¹, C. J. Yeo¹, J. M. Winter¹ ¹Thomas Jefferson University, Department of Surgery, Philadelphia, PA, USA

84.13. Feasibility of Early Postoperative Exercise Therapy After Major Gastrointestinal Surgery. L. Willcox¹, J. Swinarska¹, C. J. Clark¹ ¹Wake Forest Baptist Health, Division of Surgical Oncology, Winston Salem, NC, USA

84.14. Outcomes of alternative preoperative total neoadjuvant therapy regimens in pancreatic cancer. K. Ang¹, N. Goel¹, M. Kilcoyne¹, A. Nadler¹, W. H. Ward¹, J. Farma¹, A. Karachristos¹, N. Esnaola¹, J. P. Hoffman¹, S. Reddy¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PENNSYLVANIA, USA

84.15. Where There's Smoke, There's Fistula: Smoking Linked to Higher Fistula Rate After Pancreas Resection. N. Rozich¹, A. Landmann¹, M. Bonds¹, L. Fischer¹, R. Postier¹, K. Morris¹ ¹University of Oklahoma College of Medicine, General Surgery, Oklahoma City, OK, USA

84.16. Sites of Distant Metastases in Patients with Positive Peritoneal Cytology for Pancreatic Cancer. M. Kilcoyne¹, N. Goel¹, K. Ang¹, A. Nadler¹, W. H. Ward¹, J. M. Farma¹, N. F. Esnaola¹, A. Karachristos¹, J. P. Hoffman¹, S. Reddy¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA

84.17. Improving Care of Patients with Pancreatic Cancer: An Analysis of the SEER Database. A. Salami¹, A. Joshi¹ ¹Albert Einstein Medical Center, Surgery, Philadelphia, PA, USA

84.18. Long term results of cholecystectomy for biliary dyskinesia: patient outcomes and resource utilization. S. B. Cairo¹, G. Vetro¹, E. Sandoval³, D. H. Rothstein^{1,2} ¹Women and Children's Hospital of Buffalo, Department of Pediatric Surgery, Buffalo, NEW YORK, USA ²University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Division of Surgery, Buffalo, NY, USA ³Jacobs School of Medicine and Biomedical Sciences, Buffalo, NEW YORK, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**85. CLINICAL/OUTCOMES: ONCOLOGY AND BREAST QUICKSHOT SESSION**

CITY TERRACE 11

MODERATORS: Carlo M. Contreras, BS, MD & Niraj J. Gusani, MD, MS

- 85.01. Pancreatic Adenosquamous Carcinoma with Worse Clinical Outcome Compared to Pancreatic Adenocarcinoma.** C. A. Hester¹, M. R. Porembka¹, M. A. Choti¹, P. M. Polanco^{1,2}, J. C. Mansour¹, R. M. Minter¹, S. C. Wang¹, A. C. Yopp¹ ¹University of Texas Southwestern Medical Center, Surgical Oncology, Dallas, TX, USA ²Department of Veterans Affairs North Texas Health Care System, Surgical Oncology, Dallas, TX, USA
- 85.02. Is Perioperative Serum Albumin Predictive of Outcomes Following Esophageal Resection?** S. Saeed¹, S. Hoffe¹, M. Cameron¹, K. Almanna¹, J. Frakes¹, J. P. Fontaine¹, J. Pimiento¹ ¹Moffitt Cancer Center and Research Institute, Tampa, FL, USA
- 85.03. Preoperative Albumin-bilirubin Grade Predicts Recurrences after Radical Gastrectomy.** T. Miwa¹, M. Kanda¹, C. Tanaka¹, D. Kobayashi¹, M. Hayashi¹, N. Iwata¹, N. Hattori¹, M. Suenaga¹, S. Yamada¹, H. Sugimoto¹, G. Nakayama¹, M. Koike¹, M. Fujiwara¹, Y. Kodera¹ ¹Nagoya University, Department of Gastroenterological Surgery (Surgery II), Nagoya, Aichi, Japan
- 85.04. Functional Status in Patients Requiring Skilled Care in a Nursing Home after Radical Cystectomy.** A. A. Henderson¹, M. Prunty², T. Haden¹, G. Petroski³, B. Ge³, N. Pokala¹, M. Wakefield¹, R. Kruse⁴, D. Mehr⁴, K. Murray¹, K. Murray¹ ¹University of Missouri, Department of Surgery-Division of Urology, Columbia, MO, USA ²University of Missouri, School of Medicine, Columbia, MO, USA ³University of Missouri, Office of Medical Research, Columbia, MO, USA ⁴University of Missouri, Family and Community Medicine, Columbia, MO, USA
- 85.05. Does Oncoplastic Surgery Offer Low Positive Margin Rate Using New SSO/ASBrS/ASTRO Margin Guidelines?** M. Jonczyk¹, K. Patel¹, R. Graham¹, S. Naber¹, L. Chen¹, A. Chatterjee¹ ¹Tufts Medical Center, Surgery, Boston, MA, USA
- 85.06. Impact of Age on Surgically Resected Retroperitoneal Sarcoma at a High-Volume Tertiary Center.** H. N. Overton¹, F. Gani¹, J. Singh¹, A. Blair¹, M. Umair³, C. Meyer², F. M. Johnston¹, N. Ahuja¹ ¹Johns Hopkins University School of Medicine, Division of Surgical Oncology, Department of Surgery, Baltimore, MD, USA ²Johns Hopkins University School of Medicine, Division of Oncology, Department of Medicine, Baltimore, MD, USA ³Saint Louis University School of Medicine, Department of Radiology, Saint Louis, MO, USA
- 85.07. Can It Wait? – Delayed Operative Intervention for Small Gastric GIST.** Z. E. Stiles¹, P. V. Dickson¹, M. G. Martin², E. S. Glazer¹, S. W. Behrman¹, J. L. Deneve¹ ¹University of Tennessee Health Science Center, Department of Surgery, Memphis, TN, USA ²West Cancer Center, Memphis, TN, USA
- 85.08. Gastric Cancer: Experience with Cytoreductive Surgery and Hyperthermic Intraperitoneal Chemotherapy.** C. U. Ihemelandu¹, C. U. Ihemelandu¹ ¹MedStar Washington Hospital Center, Surgical Oncology, Washington, DC, USA
- 85.09. Prognostic significance of the neutrophil-to-lymphocyte ratio in cutaneous melanoma.** N. Paez Arango¹, P. Phillips¹, C. R. Scoggins¹, A. R. Quillo¹, R. C. Martin¹, K. M. McMasters¹, M. E. Egger¹ ¹University of Louisville, Hiram C. Polk, Jr., MD Department of Surgery, Louisville, KY, USA
- 85.10. The Impact of Lymph Node Involvement on Survival in Stage II and III Esophageal Adenocarcinoma.** S. Cresse¹, O. Picado¹, B. Azab¹, D. Franceschi¹, A. Livingstone¹, D. Yakoub¹ ¹University of Miami Leonard M. Miller School of Medicine, Division of Surgical Oncology, DeWitt Daughtry Family Department of Surgery, Miami, FL, USA
- 85.11. The Impact of Emergency General Surgery on Survival in Patients with Metastatic Cancer.** K. C. Lee^{1,2}, E. Lilley^{1,3}, D. Sturgeon¹, E. Roeland⁴, G. N. Mody^{1,5}, Z. Cooper^{1,6} ¹Brigham & Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²University of California, San Diego, Department of Surgery, San Diego, CA, USA ³Rutgers-Robert Wood Johnson Medical School, Department of Surgery, Newark, NJ, USA ⁴University of California, San Diego, Moores Cancer Center, La Jolla, CA, USA ⁵Brigham & Women's Hospital, Division of Thoracic Surgery, Department of General Surgery, Boston, MA, USA ⁶Brigham & Women's Hospital, Department of Surgery, Boston, MA, USA
- 85.12. Adrenal Oncocytoma: A Systematic Review.** J. J. Kanitra², J. C. Hardaway¹, T. Soleimani¹, N. Mehrabi², M. K. McLeod¹, S. Kavuturu¹ ¹Michigan State University, Department of Surgery, Lansing, MI, USA ²Michigan State University, Lansing, MI, USA
- 85.13. Comparing Different Preoperative Workflows in Surgical Oncology Clinics.** A. S. Manjunathan¹, S. Gupta¹, S. S. Yang¹, C. E. Kein¹, A. A. Mazurek¹, R. M. Reddy¹ ¹University of Michigan, Ann Arbor, MI, USA
- 85.14. A Pilot Study Investigating Upgrade Rate and Chemoprevention Use in High-Risk Breast Lesion Patients.** R. A. Shuford¹, J. Richman¹, C. Parker¹, R. B. Lancaster¹ ¹University of Alabama at Birmingham, Department of Surgery, Birmingham, Alabama, USA
- 85.15. Process Development and Implementation of an Enhanced Recovery Program after Radical Cystectomy.** A. A. Henderson¹, K. Staveley-O'Carroll², E. Kimchi², A. Dickinson³, K. Clements⁴, M. Wakefield¹, K. Murray¹ ¹University of Missouri, Division of Urology-Department of Surgery, Columbia, MO, USA ²University of Missouri, Division of Surgical Oncology-Department of Surgery, Columbia, MO, USA ³University of Missouri, Department of Health Management and Informatics, University of Missouri, Columbia, MO, USA ⁴University of Missouri, Center for Health Care Quality, Columbia, MO, USA
- 85.16. Pregnancy and melanoma: what are the relationships?** J. A. DiSano¹, E. W. Schaefer¹, K. Kjerulf¹, C. S. Hollenbeak¹, C. R. Pameijer¹ ¹Penn State Hershey Medical Center, Hershey, PA, USA
- 85.17. Patterns of Medical Management in Patients with Gastric Adenocarcinoma.** S. Willis^{1,5}, D. Maurente^{1,4}, A. Ardeljan^{1,3}, A. Johns¹, M. Bustos^{1,3}, S. Sennhauser^{1,2}, M. Ghali^{1,2}, L. Ramsaran^{1,2}, Z. Segota^{1,2}, L. Siegel^{1,2}, D. Drew^{1,2}, G. Azzi^{1,2}, D. Dammrich^{1,2}, O. M. Rashid^{1,2} ¹Holy Cross Hospital, Michael and Dianne Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA ²Massachusetts General Hospital, Cancer Center, Boston, MA, USA ³University of Miami Miller School of Medicine, Miami, FL, USA ⁴Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA ⁵Nova Southeastern University College of Osteopathic Medicine, Ft. Lauderdale, FL, USA
- 85.18. Colorectal Cancer in Patients with Type 2 Diabetes Mellitus: Patterns in Molecular Profiling.** F. Lamberton¹, W. Ward¹, J. Purchla¹, N. Nweze¹, N. Goel¹, S. Reddy¹, E. Sigurdson¹, J. Farma¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA
- 85.19. Male Breast Cancer: A Review of One Tertiary Center Hospital Experience.** A. Alhefdhi^{1,2}, M. Almaghoub¹, B. Aladrees¹, S. AlSani¹, O. Almalik^{1,2}, A. Alhefdhi^{1,2} ¹King Faisal Specialist Hospital & Research Center, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia ²Alfaisal University, General Surgery/Breast and Endocrine Surgery, Riyadh, RIYADH, Saudi Arabia
- 85.20. COMPARISON of MASTECTOMY USING ULTRASONIC DISSECTING VERSUS ELECTRO-SURGICAL DEVICE IN CA BREAST.** S. Gogna¹, J. Con¹ ¹New York Medical College, General Surgery, Valhalla, NY, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

86. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 4

CITY TERRACE 12

MODERATORS: Kevin P. Mollen, MD & Bradley J. Segura, MD, PhD

86.01. Metabolic abnormalities are not different in morbid (BMI>35) and Super obese (BMI>50) Adolescents.. B. Farber¹, S. Burjonrappa¹ ¹Montefiore Medical Center, Pediatric Surgery, Bronx, NY, USA

86.02. Nationwide Survival Analysis of Sentinel Lymph Node Biopsy in Pediatric Malignancies. P. P. Parikh¹, J. E. Sola¹, E. A. Perez¹ ¹University of Miami, Surgery, Miami, FL, USA

86.03. Non-radiographic Severity Measurement of Pectus Excavatum. D. P. Bliss¹, N. M. Vaughan², R. A. Walk³, J. A. Naiditch⁴, A. A. Kane⁵, R. R. Hallac⁶ ¹Childrens Hospital Colorado/University of Colorado School of Medicine, Division of Pediatric Surgery/Department of Surgery, Colorado Springs, CO, USA ²Baylor University Medical Center at Dallas, Dallas, TX, USA ³Brooke Army Medical Center/US Army Medical Corps, San Antonio, TX, USA ⁴Dell Children's Medical Center of Central Texas, Austin, TX, USA ⁵UT Southwestern Medical Center, Division of Plastic Surgery, Dallas, TX, USA ⁶Children's Medical Center Dallas, Dallas, TX, USA

86.04. Non-traumatic Surgical Emergencies in Children: An Examination of ED Visits across the US. A. A. Shah¹, K. Williams¹, E. Cornwell¹, T. Oyetunji³, B. Nwomeh² ¹Howard University College of Medicine, Surgery, Washington, DC, USA ²Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA ³Children's Mercy Hospital- University of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

86.05. Pediatric Breast Masses: Should They Be Excised?. C. M. McLaughlin¹, J. Gonzalez-Hernandez⁵, M. Bennett³, H. G. Piper^{2,5} ¹University of Texas Southwestern Medical Center, Dallas, TX, USA ²Baylor University Medical Center, General Surgery, Dallas, TX, USA ³Children's Medical Center, Pediatric Surgery, Dallas, TX, USA ⁴Baylor Scott & White Health, Office of the Chief Quality Officer, Dallas, TX, USA

86.06. Recurrence of pilonidal disease: our best is not good enough. D. R. Halleran^{1,2}, J. J. Lopez^{1,2}, A. E. Lawrence^{1,2}, K. L. Leonhart², Y. V. Sebastião², B. A. Fischer², J. N. Cooper², P. C. Minneci^{1,2}, K. J. Deans^{1,2} ¹Nationwide Children's Hospital, Division of Pediatric Surgery, Columbus, OH, USA ²Nationwide Children's Hospital, the Center for Surgical Outcomes Research, Columbus, OH, USA

86.08. Suspected Appendicitis Pathway Continues to Lower CT Rates in Children Two Years After Implementation. L. A. Gurien^{1,2}, M. S. Dassinger¹, M. Crandall², J. J. Tepas², S. D. Smith¹ ¹Arkansas Children's Hospital, Pediatric Surgery, Little Rock, AR, USA ²University of Florida College of Medicine - Jacksonville, General Surgery, Jacksonville, FL, USA

86.09. Pediatric Perforated Appendicitis: A Scoring System to Classify Degrees of Peritoneal Contamination. R. Jones^{1,2}, J. S. Davis^{1,2}, L. Burkhalter², R. Foglia^{1,2} ¹University of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²Children's Medical Center, Department of Surgery, Dallas, TX, USA

86.10. Withholding Foley Catheters in Children Receiving Patient Controlled Analgesia. J. Sobrino¹, J. Axt¹, J. Sujka¹, L. Wedel¹, D. Millsbaugh¹, S. St.Peter¹ ¹Children's Mercy Hospital- University of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

86.11. Prolonged Extracorporeal Membrane Oxygenation Is Associated With Poor Neurologic Outcomes. G. J. Ares^{1,2}, C. Buonpane², I. Helenowski³, F. Hebal², C. J. Hunter² ¹University of Illinois at Chicago, Department of Surgery, Chicago, IL, USA ²Ann & Robert H. Lurie Children's Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA ³Northwestern University, Department of Surgery, Chicago, IL, USA

86.12. Does age affect surgical outcomes following ileo-pouch anal anastomosis in children?. N. Bismar¹, A. S. Patel^{1,2}, D. Schindel^{1,2} ¹University of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA ²Children's Medical Center, Pediatric Surgery, Dallas, TX, USA

86.13. Health-Related Needs of Pregnant Women and Caregivers with Prenatal Surgical Fetal Diagnoses. M. E. Danko¹, J. R. Robinson^{1,2}, R. K. Skeens³, G. P. Jackson^{1,2} ¹Vanderbilt University Medical Center, Department of Pediatric Surgery, Nashville, TN, USA ²Vanderbilt University Medical Center, Department of Biomedical Informatics, Nashville, TN, USA ³Vanderbilt University Medical Center, Department of Pediatrics, Division of Neonatology, Nashville, TN, USA

86.14. Analysis of Outcomes in Adolescents and Young Adults with Pilonidal Disease. M. N. Abraham¹, S. L. Raymond¹, A. Iqbal¹, S. D. Larson¹, M. M. Mustafa¹, J. A. Taylor¹, S. Tan¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

86.15. Enteric Duplication in Children. J. A. Sujka¹, J. Sobrino¹, L. A. Benedict¹, H. Alemayehu¹, S. St. Peter¹, R. Hendrickson¹ ¹Children's Mercy Hospital, Kansas City, MO, USA

86.16. Intestinal Function After Early vs. Late Appendectomy in Children with Perforated Appendicitis. A. N. Munoz¹, R. Hazboun¹, I. Vannix¹, V. Pepper¹, T. Crane¹, E. P. Tagge¹, D. C. Moores¹, J. E. Baerg¹ ¹Loma Linda University School of Medicine, Division of Pediatric Surgery, Loma Linda, CA, USA

86.17. Lack of Disparities in Screening for Associated Anomalies in Children with Anorectal Malformations. L. V. Veras², J. Smith², A. Gosain² ²University of Tennessee Health Science Center, Pediatric Surgery, Memphis, TN, USA

86.18. Measuring the Impact of Surgical Intervention in Pediatric Pectus Excavatum. F. Hebal¹, L. Eckstein², C. Hunter¹, M. Reynolds¹ ¹Ann & Robert H. Lurie Children's Hospital of Chicago, Pediatric Surgery, Chicago, IL, USA ²Bowdoin College, Brunswick, MAINE, USA

86.19. Analysis of Multidisciplinary Pediatric Clinic Weight Reduction Program: Are parents disengaged?. B. D. Hughes¹, C. B. Cummins¹, O. Nunez-Lopez¹, J. Prochaska², E. Lyons³, D. Jupiter², K. Perino³, A. Glaser⁴, R. S. Radhakrishnan^{1,4}, K. D. Bowen-Jallow¹ ¹University of Texas Medical Branch, Division of Surgery, Galveston, TX, USA ²University of Texas Medical Branch, Preventive Medicine and Community Health, Galveston, TX, USA ³University of Texas Medical Branch, Department of Nutrition and Metabolism, Galveston, TX, USA ⁴University of Texas Medical Branch, Department of Pediatrics, Galveston, TX, USA

86.20. Trends and Attributable Costs of Anorectal Involvement in Pediatric Crohn's Disease. C. G. DeLong¹, A. N. Kulaylat¹, A. S. Kulaylat¹, C. S. Hollenbeak^{1,3}, R. E. Cilley^{1,2}, D. V. Rocourt^{1,2} ²Penn State Children's Hospital, Division of Pediatric Surgery, Hershey, PA, USA ³Penn State College of Medicine, Department of Public Health Sciences, Hershey, PA, USA ¹Penn State Hershey Medical Center, Department of Surgery, Hershey, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

87. CLINICAL/OUTCOMES: PEDIATRICS QUICKSHOT SESSION 5

RIVER TERRACE 1

MODERATOR: Timothy C. Lee, MD

87.01. *RACS Younger Fellows Committee Leadership Exchange

Visitor: Delayed versus ad libitum feeds following pyloromyotomy for infantile hypertrophic pyloric stenosis – results of a multi-centre randomised controlled trial. J. Karpelowsky^{1,2}, D. T. McDowell^{1,2}, C. Langusch^{1,2} ¹Division of Child and Adolescent Health, Sydney Medical School, University of Sydney, Department of Paediatric Surgery, Sydney, New South Wales, Australia ²The Children's Hospital at Westmead, Westmead, New South Wales, Australia

87.02. Trends in the Surgical Mangement of Pediatric

Emphyema. K. Shaffer³, J. Boura¹, P. Brahmamdam^{2,3} ¹Beaumont Health System Research Institute, Royal Oak, MI, USA ²Beaumont Children's Hospital, Pediatric Surgery, Royal Oak, MI, USA ³Oakland University William Beaumont School of Medicine, Surgery, Royal Oak, MI, USA

87.03. Parent Assessment of a Tablet-Administered BOQ-P Feedback System in the Outpatient Surgery Setting.

P. H. Chang^{1,3}, J. Nelson¹, L. Fowler¹, P. Warner^{1,3}, S. Romo², M. Murphy², R. Sheridan^{2,4} ¹Shriners Hospitals for Children, Cincinnati, OH, USA ²Shriners Hospitals for Children, Boston, MA, USA ³University of Cincinnati, Division of Plastic/Burn Surgery, Cincinnati, OH, USA ⁴Massachusetts General Hospital, Department of Surgery, Boston, MA, USA

87.04. Outcomes for Correction of Long-Gap Esophageal Atresia: A 22-Year Experience.

L. A. McDuffie¹, A. Jensen¹, E. Groh¹, F. Rescorla¹ ¹Indiana University School of Medicine, Pediatric Surgery, Indianapolis, IN, USA

87.06. Testicular tissue cryopreservation for prepubertal

males receiving fertility threatening medical therapy. K. S. Corkum^{1,3}, T. B. Lautz^{1,3}, B. A. Lockart^{3,5}, E. K. Johnson^{2,4}, E. E. Rowell^{1,3} ¹Northwestern University Feinberg School of Medicine, Department of Surgery, Chicago, IL, USA ²Northwestern University Feinberg School of Medicine, Department of Urology, Chicago, IL, USA ³Ann and Robert H. Lurie Children's Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA ⁴Ann and Robert H. Lurie Children's Hospital of Chicago, Division of Urology, Chicago, IL, USA ⁵Ann and Robert H. Lurie Children's Hospital of Chicago, Division of Hematology, Oncology, and Stem Cell Transplant, Chicago, IL, USA

87.07. Small Sized Aorta in Left-sided Congenital Diaphragmatic

Hernia Improves Following Repair of the Defect.. P. E. Lau¹, C. C. Style¹, S. M. Cruz¹, D. A. Castellanos², T. C. Lee¹, J. A. Kailin², D. L. Cass¹, C. Fernandes³, S. G. Keswani¹, O. O. Olutoye¹ ¹Baylor College of Medicine, Michael E DeBakey Department of Surgery, Houston, TX, USA ²Texas Children's Hospital, Cardiology/Pediatrics, Houston, TX, USA ³Texas Children's Hospital, Neonatology/Pediatrics, Houston, TX, USA

87.08. Resource Utilization After Gastrostomy Placement in Premature Infants. T. L. Duncan¹, J. Ulugia¹, D. C. Barnhart¹, B. T. Bucher¹ ¹University of Utah, Division of Pediatric Surgery, Department of Surgery, Salt Lake City, UT, USA

87.09. Pediatric Central Access Care Algorithm: Selection, Safety and Efficiency. M. R. Threlkeld¹, J. P. Gurria¹, D. Doellman¹, E. S. Tuncel Kara¹, M. Troutt¹, B. Rymeski¹, R. A. Falcone¹ ¹Cincinnati Childrens Hospital and Medical Center, Pediatric Surgery, Cincinnati, OH, USA

87.10. Using a Novel Metric to Assess Effects of Socioeconomic Status on Short-Term Gastroschisis Outcomes. D. M. Van Der Heide¹, K. Keck², H. Yuan², J. Liao², J. Shilyansky², J. Shelton² ¹University of Iowa, Carver College of Medicine, Iowa City, IA, USA ²University of Iowa, Department of Surgery, Iowa City, IA, USA

87.11. A Prelude to Clinical Translation of the Artificial Placenta. J. S. McLeod², J. T. Church², B. K. Jordan³, E. E. Perrone¹, R. Schumacher⁴, G. B. Mychaliska¹ ¹University of Michigan, Department of Pediatric Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Surgery, Ann Arbor, MI, USA ³Oregon Health and Science University, Department of Pediatrics, Portland, OR, USA ⁴University of Michigan, Department of Pediatrics, Ann Arbor, MI, USA

87.12. Minimally invasive drainage of large subcutaneous soft tissue abscesses: A novel technique. J. K. Burk¹, S. B. Cairo², D. H. Rothstein¹ ¹State University of New York at Buffalo, Surgery, Buffalo, NY, USA ²Women and Children's Hospital of Buffalo, Pediatric Surgery, Buffalo, NY, USA

87.13. Volume of Care Delivered by Pediatric Surgical Specialties through Patient Portal Messaging. K. M. Riera¹, J. R. Robinson¹, K. J. Van Arendonk¹, D. Fabbri², G. P. Jackson¹ ¹Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA ²Vanderbilt University Medical Center, Biomedical Informatics, Nashville, TN, USA

87.14. Operative experience with pediatric adnexal pathology at stand-alone children's hospitals. K. S. Corkum^{1,2}, T. B. Lautz^{1,2}, E. E. Rowell^{1,2} ¹Northwestern University Feinberg School of Medicine, Department of Surgery, Chicago, IL, USA ²Ann and Robert H. Lurie Children's Hospital of Chicago, Division of Pediatric Surgery, Chicago, IL, USA

87.15. BMI Percentile Effects on Cholelithiasis and Biliary Dysfunction in the Pediatric Population. C. Walk¹, M. Sharma¹, M. Osterhage¹, D. Hardisky³, J. Pringle¹, A. Aranda², D. Meagher², S. Barnett², J. Pence² ¹Wright State University, Boonshoft School of Medicine, Dayton, OH, USA ²Wright State University, Department of Pediatric Surgery, Dayton, OH, USA ³Ohio State University, Columbus, OH, USA

87.16. Association Between Rib/costal Cartilage Length and Pectus Excavatum. R. Eisinger¹, T. Harris¹, D. A. Rajderkar¹, S. Islam¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

88. CLINICAL/OUTCOMES: PLASTICS AND TRAUMA/CRITICAL CARE QUICKSHOT SESSION

RIVER TERRACE 2

MODERATOR: Eric C. Liao, MD, PhD

88.01. Pulmonary Complications in Trauma Patients Undergoing Surgery with Obstructive Sleep Apnea. F. J. Hwang¹, R. Povolotskiy¹, S. Pentakota¹, N. E. Glass¹, S. Bonne¹, D. H. Livingston¹, A. C. Mosenthal¹ ¹New Jersey Medical School, Newark, NJ, USA

88.02. Oral Xa Inhibitors versus Low Molecular Heparin for Thromboprophylaxis after non-Op. Spine Trauma. M. N. Khan¹, M. Zeeshan¹, E. Zakaria¹, N. Kulvatunyou¹, T. O'Keeffe¹, L. Gries¹, A. Tang¹, A. Jain¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

88.03. Impact of Fibrinolytic Phenotype on Outcomes in Thermally-Injured Patients. V. S. Hoelscher², B. A. Cotton^{1,2}, C. E. Wade², T. F. Huzar^{1,2} ¹Memorial Hermann Hospital, Surgery, Houston, TX, USA ²University of Texas Health Science Center at Houston, Houston, TX, USA

88.04. It Still Hurts! Persistent Pain One Year After Injury. C. Velmahos¹, J. P. Herrera-Escobar², S. S. Al Rafai², J. M. Lee¹, R. Rivero³, M. Apoj³, H. M. Kaafarani¹, G. Kasotakis³, A. Salim², D. Nehra², A. H. Haider² ¹Massachusetts General Hospital, Boston, MA, USA ²Brigham and Women's Hospital, Boston, MA, USA ³Boston University, Boston, MA, USA

88.05. 3-Factor vs. 4-Factor PCC in Coagulopathy of Trauma: Four is Better Than Three. M. Zeeshan¹, M. Hamidi¹, T. O'Keeffe¹, N. Kulvatunyou¹, A. Tang¹, E. Zakaria¹, L. Gries¹, A. Jain¹, B. Joseph¹ ¹University of Arizona, Tucson, AZ, USA

88.06. MANAGEMENT OF THORACIC AND LUMBAR SPINE FRACTURES: IS MRI NECESSARY? D. A. Hill¹, L. Khoury¹, E. Chang¹, T. DiNitto¹, V. Sim¹, M. Panzo¹, T. Vijmasi¹, S. M. Cohn¹ ¹Northwell Health at Staten Island University Hospital, Department of Surgery, Staten Island, NEW YORK, USA

88.07. The Current State of the Acute Care Surgery Workforce: Results of a National Survey. V. T. Daniel¹, D. Ayturk¹, C. I. Kiefe², H. P. Santry^{1,2} ¹University of Massachusetts Medical School, Department of Surgery, Worcester, MA, USA ²University of Massachusetts Medical School, Department of Quantitative Health Sciences, Worcester, MA, USA

88.08. Right Place at Right Time: Thoracotomies at Level I Trauma Centers have Associated Improved Survival. J. R. Oliver¹, C. J. DiMaggio^{3,4}, M. L. Duenes¹, A. M. Velez⁵, S. G. Frangos³, C. D. Berry⁵, M. Bukur³ ¹New York University School of Medicine, New York, NY, USA ³New York University School of Medicine, Department of Surgery, Division of Trauma and Acute Care Surgery, New York, NY, USA ⁴New York University School of Medicine, Department of Population Health, New York, NY, USA ⁵New York University School of Medicine, Department of Surgery, New York, NY, USA

88.09. 12 Year Review of Urban vs Rural Recreational Vehicle Injuries at a Level 1 Trauma Center. C. A. Butts¹, R. Gonzalez¹, L. Nguyen¹, J. P. Gaughan¹, S. Ross¹, J. Porter¹, J. P. Hazelton¹ ¹Cooper University Hospital, Trauma, Surgical Critical Care, & Acute Care Surgery, Camden, NEW JERSEY, USA

88.10. Prediction of Adverse Outcomes in TBI Using Continuous Hemodynamic Monitoring and Biomarker Levels. A. M. Crawford¹, S. Yang¹, C. L. Ramirez¹, P. Hu¹, Y. Li¹, H. Li¹, T. M. Scalea¹, D. M. Stein¹ ¹University of Maryland, Shock Trauma and Anesthesiology Research (STAR)-Organized Research Center, Baltimore, MD, USA

88.11. Timing of Tracheostomy After Cervical ACDF – No Need to Wait. B. L. Boles¹, S. N. Dodwad¹, M. L. Prasarn¹, J. W. Savage², C. E. Wade¹, S. D. Adams¹ ¹University of Texas Health Science Center at Houston, McGovern Medical School, Houston, TX, USA ²Cleveland Clinic, Center for Spine Health, Cleveland, OH, USA

88.12. Correlation in Trauma Patients between Mild Traumatic Brain Injury and Facial Fractures. M. C. Justin¹, E. Kiwanuka³, M. A. Chaudhary¹, E. J. Caterson^{1,2} ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Department of Surgery, Harvard Medical School, Boston, MA, USA ²Brigham and Women's Hospital, Division of Plastic Surgery, Department of Surgery, Harvard Medical School, Boston, MA, USA ³Brown University School of Medicine, Division of Plastic Surgery, Department of Surgery, Providence, RI, USA

88.13. To Scan or not to Scan: Evaluation of Children with Head Trauma and Unconfirmed Loss of Consciousness. J. D. Kauffman¹, C. N. Litz¹, S. A. Thiel¹, A. Carey¹, P. D. Danielson¹, N. M. Chandler¹ ¹Johns Hopkins All Children's Hospital, Division of Pediatric Surgery, St. Petersburg, FLORIDA, USA

88.14. Premeditated Versus "Passionate": Patterns of Homicide Related to Intimate Partner Violence. H. E. Carmichael¹, E. C. Jamison², K. A. Bol², C. G. Velopulos¹ ¹University of Colorado Denver, General Surgery, Aurora, CO, USA ²Colorado Department of Public Health and Environment, Registries and Vital Statistics Branch, Denver, CO, USA

88.15. Defining Massive Transfusion in Civilian Pediatric Trauma with Traumatic Brain Injuries. E. H. Rosenfeld¹, M. E. Cunningham¹, P. Lau¹, A. Kareidiya¹, B. Naik-Mathuria¹, R. T. Russell², A. M. Vogel¹ ¹Baylor College of Medicine and Texas Childrens Hospital, DeBakey Department of Surgery, Houston, TX, USA ²Children's Hospital of Alabama, Department of Pediatric Surgery, Birmingham, AL, USA

88.16. Variation in Surgeons' Requests for General Anesthesia when Scheduling Carpal Tunnel Release. A. Sox-Harris^{1,3}, S. Mudumbai^{3,5}, E. Meerwijk³, R. N. Kamal², D. Eisenberg^{1,3}, E. Sears⁶, A. K. Finlay³, S. Pershing^{3,6}, H. Hagedorn⁴, M. Hawn¹, C. Curtin^{1,3} ¹Stanford University, Department of Surgery, Palo Alto, CA, USA ²Stanford University, Department of Orthopedic Surgery, Palo Alto, CA, USA ³VA Palo Alto Healthcare Systems, Palo Alto, CA, USA ⁴VA Minneapolis Healthcare System, Minneapolis, MN, USA ⁵Stanford University, Department of Anesthesia, Palo Alto, CA, USA ⁶University of Michigan, Ann Arbor, MI, USA

88.17. Failure to Rescue Rates Across a Statewide Trauma System. C. E. Sharoky², N. D. Martin¹, B. P. Smith¹, J. L. Pascual¹, L. J. Kaplan¹, P. M. Reilly¹, D. N. Holena¹ ¹University of Pennsylvania, Division of Traumatology, Surgical Critical Care and Emergency Surgery, Philadelphia, PA, USA ²University of Pennsylvania, Department of Surgery, Philadelphia, PA, USA

88.18. Infection, Local Complication, and Graft Failure Rates in Alloplastic Cranioplasty Reconstruction. J. D. Oliver², J. B. Mancilla¹, K. Vyas¹, B. Sharaf¹ ¹Mayo Clinic, Plastic and Reconstructive Surgery, Rochester, MN, USA ²Mayo Clinic, School of Medicine, Rochester, MN, USA

88.19. Nationwide Outcomes of Laparoscopic Versus Open Ventral Hernia Repair with Component Separation. S. Scurci¹, J. Parreco¹, J. Buicko¹, A. Rice¹, R. Rattan³, R. Chandawarkar² ³University of Miami, Trauma and Acute Care Surgery, Miami, FL, USA ¹University of Miami – Palm Beach Regional Campus, General Surgery, Miami, FL, USA ²Ohio State University, Plastic Surgery, Columbus, OH, USA

88.20. Indications and Timing of Readmissions after Trauma: Implications for Post-Discharge Care. M. McCrum¹, C. Zhang², X. Ye², Q. Ding², A. Presson², R. Nirula¹ ¹University of Utah, General Surgery, Salt Lake City, UT, USA ²University of Utah, Division of Epidemiology/Department of Internal Medicine, Salt Lake City, UT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**89. CLINICAL/OUTCOMES: TRANSPLANTATION/HEPATOBIILIARY QUICKSHOT SESSION**

RIVER TERRACE 3

MODERATOR: Robert R. Redfield, MD

- 89.01. "No Correlation Between US News "Best Hospitals" Rank and Outcome of Liver or Kidney Transplantation".** J. L. Shreve¹, S. F. Markowiak², M. M. Nazzari², J. A. Ortiz² ¹University of Toledo, College of Medicine and Life Sciences, Toledo, OH, USA ²University of Toledo Medical Center, Department of Surgery, College of Medicine and Life Sciences, Toledo, OH, USA
- 89.02. Tumor Size or Tumor Number? Which Is More Predictive of Survival with Hepatocellular Carcinoma?** K. R. Vines², P. Li¹, S. Bergstresser², B. Comeaux¹, D. Dubay³, S. Gray^{1,2}, D. Eckhoff^{1,2}, J. White^{1,2} ¹University of Alabama at Birmingham, Department of Surgery, Division of Transplantation, Birmingham, Alabama, USA ²University of Alabama at Birmingham, School of Medicine, Birmingham, Alabama, USA ³Medical University of South Carolina, Department of Surgery, Division of Transplantation, Charleston, SC, USA
- 89.03. Self-Identified Health Care Education Needs Among Adolescent and Young Adult Transplant Patients.** J. E. Williams^{1,2}, Y. J. Bababekov¹, B. Luby¹, B. Cao³, F. Njoku⁴, Y. Hung¹, D. C. Chang¹, H. Yeh¹ ¹Massachusetts General Hospital, Boston, MA, USA ²Tufts Medical Center, Boston, MA, USA ³University of Rochester, Rochester, NY, USA ⁴University of California - Irvine, Orange, CA, USA
- 89.04. Incidence and Outcomes of Pleural Effusion in Liver Transplantation.** J. W. Clouse¹, C. A. Kubal¹, A. N. Blumenthaler¹, R. S. Mangus¹ ¹Indiana University School of Medicine, Transplant/Surgery, Indianapolis, IN, USA
- 89.06. Single and Double Lung Transplantation in Idiopathic Pulmonary Fibrosis with Pulmonary Hypertension.** A. Kashem¹, S. Keshavamurthy¹, M. N. Sakib¹, J. Gomez-Abraham¹, E. Leotta¹, K. Minakata¹, F. Cordova¹, V. Dulam¹, G. Ramakrishnan¹, S. Brann¹, Y. Toyoda¹ ¹Temple University, Cardiothoracic Surgery, Philadelphia, PA, USA
- 89.07. Liver Transplantation and Staged Biliary Reconstruction Improves Outcomes in Pediatric Recipients.** J. Kim¹, M. A. Zimmerman¹, S. M. Lerret¹, B. Vitola¹, J. P. Scott¹, G. W. Telega¹, J. C. Hong¹ ¹Medical College of Wisconsin, Milwaukee, WI, USA
- 89.08. Propensity Matched Survival Analysis of Simultaneous Lung-Liver and Isolated Lung Transplantation.** K. Freischlag¹, B. Ezekian², M. S. Mulvihill², P. M. Schroder², H. Leraas¹, S. Knechtle² ¹Duke University Medical Center, School of Medicine, Durham, NC, USA ²Duke University Medical Center, Department of Surgery, Durham, NC, USA
- 89.09. Comparison of UW and HTK Preservation Solutions in Pediatric Liver Transplantation.** T. J. Hathaway², C. A. Kubal¹, J. R. Schroering², R. S. Mangus¹ ¹Indiana University School of Medicine, Transplant Division/Department of Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Indianapolis, IN, USA
- 89.10. Individualized Cardiovascular Risk Assessment before Simultaneous Pancreas-Kidney Transplantation.** M. Miglinas¹, A. Gulla², K. Strupas¹ ¹Vilnius University, Department of Transplantation, Vilnius, Lithuania ²Vilnius University, Department of Vascular Surgery, Vilnius, Lithuania
- 89.11. Disparate Formulations of Machine Perfusion: an OPO Survey.** P. Wiederhold³, K. Jiles³, A. Chiodo Ortiz¹, M. Dewey³, M. Bailey³, E. Rady², J. Ortiz² ¹University of California - Los Angeles, Los Angeles, CA, USA ²University of Toledo Medical Center, Toledo, OH, USA ³Life Connection of Ohio, Maumee, OH, USA
- 89.12. Outcomes of Extended Hepatectomy for Hepatobiliary Tumors. Who is More Important Than Where.** A. M. Attili^{1,2}, I. Sucandy¹, N. Patel¹, J. Spence¹, K. Luberic¹, T. Bourdeau¹, S. Ross¹, A. Rosemurgy¹ ¹Florida Hospital Tampa, General Surgery, Tampa, FL, USA ²University of Central Florida, General Surgery, Orlando, FL, USA
- 89.13. Carcinoma of the Ampulla of Vater: Biologic and Surgical Factors Predicting Recurrence and Survival.** E. C. Poli^{1,2}, S. J. Stocker², C. Wang², V. Parini⁴, R. Marsh³, R. Prinz², C. R. Hall², M. S. Talamonti² ¹University of Chicago, Department of General Surgery, Chicago, IL, USA ²Northshore University Health System, Department of Surgery, Evanston, IL, USA ³Northshore University Health System, Section of Gastrointestinal Oncology, Evanston, IL, USA ⁴Northwestern University, Comprehensive Cancer Center, Chicago, IL, USA
- 89.14. The impact of thrombocytopenia on pure laparoscopic hepatectomy for hepatocellular carcinoma.** T. Cheung¹, C. Lo¹ ¹The University of Hong Kong, Hong Kong, HONG KONG, Hong Kong
- 89.15. Surgical treatment of hepatic cancer invading inferior vena cava.** A. Li¹, M. Wu¹ ¹Eastern Hepatobiliary Surgery Hospital, the Second Special Treatment, Shanghai, SHANGHAI, China
- 89.16. Surgery of the benign caudate lobe tumors using an anterior transhepatic approach.** A. Li¹, M. Wu¹ ¹Eastern Hepatobiliary Surgery Hospital, the Second Special Treatment, Shanghai, SHANGHAI, China
- 89.17. Is ERCP Alone In High Risk Populations Safe? A Case-Control Series.** D. Dolan¹, J. Aalberg¹, C. Divino¹, S. Nguyen¹ ¹Mount Sinai School of Medicine, Surgery, New York, NY, USA
- 89.19. Liver Resection for Metastatic Colon Cancer: During or Separate from Colon Surgery??** L. G. Leijssen^{1,2}, A. M. Dinaux^{1,2}, C. R. Ferrone^{1,2}, H. Kunitake^{1,2}, L. G. Bordeianou^{1,2}, D. L. Berger^{1,2} ¹Massachusetts General Hospital, General and Gastrointestinal Surgery, Boston, MA, USA ²Harvard School of Medicine, Brookline, MA, USA
- 89.20. Implementation of Enhanced Recovery to Improve Perioperative Outcomes at a Community Hospital.** D. N. Maurente¹, A. Ardeljan¹, A. Johns¹, S. Willis¹, H. Abdul¹, M. Bustos¹, S. Sennhauser¹, M. Ghali¹, A. Rashid¹, M. Perez¹, O. M. Rashid¹ ¹Holy Cross Hospital, Michael and Dianne Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA ²Massachusetts General Hospital, Boston, MA, USA ³University of Miami Miller School of Medicine, Miami, FL, USA ⁴Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

90. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 7

CONFERENCE CENTER A

MODERATORS: Akpofure P. Ekeh, MD & Isam W. Nasr, MD

90.01. Motorcycle Helmet Attitudes and Beliefs Among Arizona Riders.

C. Sikora¹, B. Joseph¹, A. Tang¹, N. Kulvatunyou¹, R. Friesse¹, G. Vercruysse¹, L. Gries¹, A. Jain¹, T. O'Keeffe¹ ¹University of Arizona, College of Medicine, Tucson, AZ, USA

90.02. Impact of Time at the Scene on Mortality in a Rural Blunt Trauma Population..

L. Krecko¹, K. Mirkin¹, M. Linskey¹, J. S. Kim¹, R. Staszak^{1,2}, S. Armen^{1,2}, S. Allen^{1,2} ¹Penn State Hershey Medical Center, Hershey, PA, USA ²Penn State Hershey Medical Center, Division of Trauma, Acute Care and Critical Care Surgery, Hershey, PA, USA

90.03. Is First Rib Fracture a Marker Or a Culprit of Injury Severity? It is Both.

A. Fokin¹, E. Picard^{1,2}, J. Wycech¹, R. Weisz^{1,2}, I. Puente^{1,2,3} ²Florida Atlantic University, College of Medicine, Boca Raton, FL, USA ³Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA ¹Delray Medical Center, Trauma, Delray Beach, FL, USA

90.04. Empiric Transfusion Strategies During Life-Threatening Hemorrhage.

G. R. Nunns¹, E. E. Moore^{1,2}, G. R. Stettler¹, H. B. Moore¹, A. Ghasabyan², J. Chandler², M. J. Cohen^{1,2}, E. D. Peltz¹, C. C. Silliman^{1,3,4}, A. Banerjee¹, A. Sauaia¹ ¹University of Colorado Denver, Department of Surgery, Aurora, CO, USA ²Denver Health Medical Center, Aurora, CO, USA ³University of Colorado Denver, Department of Pediatrics, Aurora, CO, USA ⁴Bonfils Blood Center, Research Laboratory, Denver, CO, USA

90.05. Smart Trauma: Improving Delivery of Evidence-based Trauma Care.

C. Dekonenko¹, T. McDonald³, R. Winfield^{1,2} ¹University of Kansas, Surgery, Kansas City, KS, USA ²University of Kansas, Trauma and Critical Care, Kansas City, KS, USA ³University of Kansas, Trauma Services, Kansas City, KS, USA

90.06. It's Not Guns or Cars: Most Surgical Procedures After Injury are for Falls.

M. P. Jarman¹, Z. G. Hashmi¹, M. B. Harris³, A. Salim^{1,2}, Z. Cooper^{1,2}, A. H. Haider^{1,2} ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA ²Brigham and Women's Hospital, Division of Trauma, Burns, and Surgical Critical Care, Boston, MA, USA ³Brigham and Women's Hospital, Department of Orthopedic Surgery, Boston, MA, USA

90.07. Opiate Prescribing Following Burn and Trauma Care in Adults and Children.

E. Ross¹, W. Meyer¹, D. Herndon¹ ¹University of Texas Medical Branch, Surgery, Galveston, TX, USA

90.08. Splenic Embolization after Trauma: An Opportunity to Improve Best Immunization Practices.

K. G. Crooker², J. M. Howard², A. A. Alvarado², T. J. McDonald², S. D. Berry², J. L. Green², R. D. Winfield² ²University of Kansas, Surgery Trauma/ Critical Care & Acute Surgery Division, Kansas City, KS, USA

90.09. Clot Activators Do Not Expedite Time to Results to Identify Latent Hyperfibrinolysis With tPA TEG.

C. Walker¹, H. Moore¹, A. Kam¹, J. Dexter-Meldrum¹, T. Nydam¹, M. P. Chapman¹, J. Chandler^{1,3}, C. Barrett², M. Yaffe², T. D. Johnson¹, E. Moore^{1,3} ¹University of Colorado Denver, Aurora, CO, USA ²Massachusetts Institute of Technology, Cambridge, MA, USA ³Denver Health Medical Center, Aurora, CO, USA

90.11. Older Than They Look: Frailty in Young Trauma Patients.

M. D. Raithel¹, M. Lauerman¹, J. Kufera¹, K. Shanmuganathan¹, B. Bruns¹, T. M. Scalea¹, D. M. Stein¹ ¹University of Maryland, Surgery, Baltimore, MD, USA

90.12. The Breaking Point for Mortality After Geriatric Chest Trauma.

B. Zangbar¹, S. Imtiyaz¹, J. Yun¹, L. Dresner¹, V. Roudnitsky¹, R. Gruessner¹, P. Rhee², B. Joseph² ¹State University of New York Downstate Medical Center, Brooklyn, NEW YORK, USA ²University of Arizona, Surgery, Tucson, AZ, USA

90.13. Novel Anticoagulants in Elderly: Do these Non-reversible Agents Worsen Outcome in Accidental Falls?.

Y. Shan¹, Q. Yan¹, D. Sharma¹, L. Li¹, O. Kirton¹, T. Vu¹ ¹Abington Memorial Hospital, Surgery, Abington, PA, USA

90.14. Gunshot Injuries in U.S. Trauma Centers: Analysis of the Lethality of Multiple Gun Shot Wounds.

A. R. McDowell¹, G. Ortega^{2,3}, A. Obirize², N. R. Changoor^{2,3}, F. Wilks¹, T. R. Jones¹, D. H. Ford³, A. Haider⁴, M. Williams^{2,3}, E. E. Cornwell^{2,3} ¹Howard University College of Medicine, Washington, DC, USA ²Howard University College of Medicine, Clive O. Callender Howard-Harvard Outcomes Research Center/ Department of Surgery, Washington, DC, USA ³Howard University College of Medicine, Department of Surgery, Washington, DC, USA ⁴Brigham and Women's Hospital, Center for Surgery and Public Health, Boston, MA, USA

90.15. Characteristics of Severely Injured Patients With Rib Fractures Evaluated at a Level 1 Trauma Center.

J. Wycech^{2,3}, A. Fokin², E. Picard¹, G. DiPasquale^{2,3}, R. Weisz^{1,2}, I. Puente^{1,2,4} ⁴Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA ¹Florida Atlantic University, College of Medicine, Boca Raton, FL, USA ²Delray Medical Center, Trauma, Delray Beach, FL, USA ³Health Care District Palm Beach County, Trauma, Palm Springs, FL, USA

90.16. the Bark is Not Worse than the Bite: Pediatric Dog Bite Injuries Treated at Pediatric Trauma Center.

A. Karediya², E. H. Rosenfeld¹, A. M. Vogel¹, D. M. Rubalcava¹, B. Naik-Mathuria¹ ¹Baylor College of Medicine & Texas Children's Hospital, Department of Surgery, Houston, TX, USA

90.17. Rib Fracture Scoring Systems. Which One to Apply?.

J. Wycech¹, A. Fokin¹, M. Crawford¹, I. Puente^{1,2,3} ¹Delray Medical Center, Trauma, Delray Beach, FL, USA ²Florida Atlantic University, College of Medicine, Boca Raton, FL, USA ³Broward Health Medical Center, Trauma, Fort Lauderdale, FL, USA

90.18. Provider Perception Versus Calculation of ICU Readmission Risk: What is More Accurate?.

J. Kilpatrick¹, L. Martin¹, B. S. Brooke¹ ¹University of Utah, Surgery, Salt Lake City, UT, USA

90.19. Outcome of transferred vs directly transported patients with out of hospital traumatic cardiac arrest.

T. Kheirbek¹, S. Roche¹, A. H. Stephen¹, S. N. Lueckel¹, S. F. Monaghan¹, D. T. Harrington¹, C. Adams¹ ¹Brown University School of Medicine, Trauma and Acute Care Surgery, Providence, RI, USA

90.20. Isolated Hip Fractures in the Elderly: Prevalence and Outcomes.

C. Chantachote¹, S. Cabalatungan¹, J. McCormack¹, E. Huang¹, J. Vosswinkel¹, R. S. Jawa¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**91. CLINICAL/OUTCOMES: TRAUMA/CRITICAL CARE QUICKSHOT SESSION 8**

CLEARWATER

MODERATORS: Suresh Agarwal, MD & Rahul J. Anand, MD

- 91.01. Detecting Invasive Fungal Disease in Surgical Patients: the Utility of the (1 3)-D-Glucan Assay.** J. J. Skubic¹, M. Castillo Angeles¹, R. Ramsis¹, R. Askari¹ ¹Brigham and Women's Hospital, Trauma, Burn and Surgical Critical Care, Boston, MA, USA
- 91.02. Evaluation of the Geriatric Trauma Outcome Score (GTOS) in the Palliative Care Trauma Patients.** A. Fokin¹, J. Katz^{1,2}, A. Tymchak^{1,2}, I. Puente^{1,2} ¹Delray Medical Center, Trauma, Delray Beach, FL, USA ²Florida Atlantic University, College of Medicine, Boca Raton, FL, USA
- 91.03. Management and Outcomes of Pseudocysts following Pancreatic Trauma in Children.** E. H. Rosenfeld¹, A. M. Vogel^{1,2}, M. Jafri^{1,4}, R. Burd^{1,6}, R. Russell⁶, M. Beaudin²⁰, R. Thakkar¹¹, R. A. Falcone Jr.¹⁸, H. Wills⁸, J. Upperman¹³, R. V. Burke¹³, M. Escobar³, D. B. Klinkner², B. Gaines⁴, A. Gosain⁵, B. Campbell⁷, D. Mooney¹⁵, A. Stallion⁹, S. Fenton¹⁷, J. M. Prince¹⁹, D. Juang¹⁰, B. J. Naik-Mathuria¹ ¹Baylor College of Medicine, Department of Surgery, Houston, TX, USA ²Mayo Clinic, Department of Surgery, Rochester, MN, USA ³MultiCare Mary Bridge Children's Hospital & Health Center, Department of Surgery, Tacoma, WA, USA ⁴Children's Hospital of Pittsburgh of UPMC, Pittsburgh, PA, USA ⁵Le Bonheur Children's Hospital, Department of Surgery, Memphis, TN, USA ⁶Children's of Alabama, Department of Surgery, Birmingham, AL, USA ⁷Connecticut Children's Medical Center, Department of Pediatric Surgery, Hartford, CT, USA ⁸Hasbro Children's Hospital, Department of Surgery, Providence, RI, USA ⁹Carolinas HealthCare System, Department of Surgery, Charlotte, NC, USA ¹⁰Children's Mercy Hospital, Department of Surgery, Kansas City, MO, USA ¹¹Nationwide Children's Hospital, Division of Pediatric Surgery, Columbus, OH, USA ¹²Saint Louis University Children's Hospital, Department of Surgery, St. Louis, MO, USA ¹³Children's Hospital Los Angeles, Department of Surgery, Los Angeles, CA, USA ¹⁴Randall Children's Hospital at Legacy Emmanuel, Department of Surgery, Portland, OR, USA ¹⁵Boston Children's, Department of Surgery, Boston, MA, USA ¹⁶Children's National Medical Center, Department of Surgery, Washington, DC, USA ¹⁷University of Utah, Department of Surgery, Salt Lake City, UT, USA ¹⁸Cincinnati Children's Hospital Medical Center, Department of Surgery, Cincinnati, OH, USA ¹⁹Cohen's Children Medical Center, Department of Surgery, Aurora, CO, USA ²⁰Centre Hospitalier Universitaire Sainte-Justine, Department of Surgery, Montreal, QC, Canada ²¹Children's Mercy Hospital- University of Missouri Kansas City, Department of Surgery, Kansas City, MO, USA ²²Doernbecher Children's Hospital Oregon Health and Science University, Department of Surgery, Portland, Oregon, USA
- 91.04. PREVALENCE of MARIJUANA USE IN INJURED DRIVERS ADMITTED TO A LEVEL 1 TRAUMA CENTER.** D. Cha¹, N. Yohannes¹, K. Herzing¹, A. P. Ekeh¹ ¹Wright State University, Surgery, Dayton, OH, USA
- 91.05. Changes In Epidemiology and Prognosis of Acinetobacter Baumannii BSI Over Past Decade.** H. Wang¹, W. Li², D. Wu¹ ¹Qilu Hospital of Shandong University, Department of Critical Care Medicine, Jinan, SHANDONG, China ²Qilu Hospital of Shandong University, Department of Clinical Laboratory, Jinan, SHANDONG, China
- 91.06. Mortality Discrepancies in Skin Sloughing Disorders Compared to Burns in a Tertiary Care Burn Center.** F. N. Williams¹, L. Chrisco¹, B. Cairns¹, S. Jones¹ ¹University of North Carolina at Chapel Hill, Department of Surgery, Chapel Hill, NC, USA
- 91.07. Early Versus Late Intramedullary Nailing For Traumatic Femur Fracture: Did Meta-Analyses fill the Gaps.** R. Latifi¹, D. Samson¹, M. Muneer², A. A. El-Menyar¹ ¹Westchester Medical Center, Surgery, Valhalla, NY, USA ²Hamad General Hospital, Surgery, Doha, Qatar
- 91.08. Should Extraperitoneal Bladder Injuries be Repaired at the Time of Pelvic Fixation?** A. M. Bales¹, K. F. Purcell¹, J. Ferraiuola¹, R. J. Markert¹, A. P. Ekeh¹, G. Semon¹, D. Kimpel¹, M. Prayson¹, M. C. McCarthy¹ ¹Wright State University, Boonshoft School of Medicine, Dayton, OH, USA
- 91.09. Anticoagulant/Antiplatelet Agent Use in Older Adults: Prevalent and Deadly.** C. Chantachote¹, J. E. McCormack¹, E. C. Huang¹, J. A. Vosswinkel¹, R. S. Jawa¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA
- 91.10. Ground Level Falls in the Elderly and Alcohol.** K. Barrera¹, B. Li¹, S. Jain¹, C. Kwong¹, C. Kohler¹, V. Roudnitsky¹, G. Sugiyama² ¹State University of New York Downstate, Surgery, Brooklyn, NEW YORK, USA ²Hofstra Northwell School of Medicine, Surgery, Hempstead, NEW YORK, USA
- 91.11. Legislative Advocacy for Pre-Hospital Systems in Bolivia.** S. D. South¹, M. Boeck², J. E. Foianini¹, M. Swaroop¹ ¹Northwestern University, Surgery, Chicago, IL, USA ²Cornell University, General Surgery, Ithaca, NY, USA
- 91.12. Cortical Trajectory Pedicle Screws for Fixation of Traumatic Thoracolumbar Fractures.** J. C. Wochna², R. Marciano¹, I. Catanescu³, J. Katz¹, C. Spalding³, K. Narayan¹ ¹OhioHealth Grant Medical Center, Neurosurgery, Columbus, OH, USA ²Ohio University Heritage College of Osteopathic Medicine, Athens, OH, USA ³OhioHealth Grant Medical Center, Trauma, Columbus, OH, USA
- 91.13. Wilderness Falls- A Novel Injury Demographic and Mechanism.** M. D. Bernard¹, R. Wright¹, H. Anderson¹, A. C. Bernard¹ ¹University of Kentucky, Department of Surgery, Lexington, KY, USA
- 91.14. Does admission GCS impact mortality risk following thermal injury?** L. B. Nosanov^{1,2}, M. M. McLawhorn², L. T. Moffatt², L. S. Johnson^{1,2}, J. W. Shupp^{1,2} ¹The Burn Center, Department of Surgery, MedStar Washington Hospital Center, Washington, DC, USA ²Firefighters' Burn and Surgical Research Laboratory, MedStar Health Research Institute, Washington, DC, USA
- 91.15. Predictors of Mortality in Patients with Necrotizing Soft Tissue Infections: 20 Years of Experience.** M. Castillo-Angeles¹, R. Ramsis¹, D. Nehra¹, J. M. Havens¹, R. Askari¹, A. Salim¹, S. L. Nitzsche¹ ¹Brigham and Women's Hospital, Surgery, Boston, MA, USA
- 91.16. Pilot Study of Perioperative Blood Glucose Management in General Surgical Patients.** A. W. Harrington¹, J. Dohman³, R. Assi¹, S. A. Weinzimer² ¹Yale New Haven Hospital, Department of Surgery, New Haven, CT, USA ²Yale New Haven Hospital, Department of Pediatrics, New Haven, CT, USA ³Yale University School of Medicine, New Haven, CT, USA
- 91.17. Impact of Anticoagulation Prophylaxis on Line Associated DVTs: A 3 Year Retrospective Study.** J. Day¹, C. Cairns¹, M. Goyal², A. Kumar⁴, Z. Winchester¹, J. Katz¹, J. Bell¹, S. Fitzgibbons³ ¹Georgetown University School of Medicine, Washington, DC, USA ²MedStar Washington Hospital Center, Emergency Medicine, Washington, DC, USA ³MedStar Georgetown University Hospital, General Surgery, Washington, DC, USA ⁴MedStar Health Research Institute, Hyattsville, MD, USA
- 91.18. Correlations of Severity Related to Trauma Indexes in Exploratory Laparotomies in Trauma.** P. Abreu-Reis¹, R. Goolkat¹, A. Nasr¹, A. Bettega¹, F. Tomasich¹, I. Collaco¹ ¹Federal University of Parana, Department of Surgery, Curitiba, PR, Brazil
- 91.19. the Sexual Dimorphism of Obesity in Trauma: A National Trauma Data Bank Analysis.** M. E. Diebel¹, A. Janke¹, J. V. Martin¹, D. M. Liberati¹, L. Hoesel¹, L. N. Diebel¹ ¹Wayne State University, Michael and Marian Ilitch Department of General Surgery, Detroit, MI, USA
- 91.20. the Impact of Severe Injuries on Adult Patients with Obesity.** M. Modarresi¹, B. Guillon¹, J. Najjar¹, R. Aguilar¹, Z. Hunter¹, M. Schade¹, J. Sanabria¹, R. Klug¹, S. Wilson¹, E. Thompson¹, J. Sanabria¹ ¹Marshall University School of Medicine, Department of Surgery, Huntington, OH, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

92. CLINICAL/OUTCOMES: GI SURGERY AND ONCOLOGY QUICKSHOT SESSION

ST. JOHNS

MODERATORS: Jeffrey M. Farma, MD & Michael O. Meyers, MD

92.01. Short Term Outcomes of Esophagectomies in Octogenarians — An Analysis of ACS-NSQIP. J. Otero¹, M. R. Arnold¹, A. M. Kao¹, K. A. Schlosser¹, T. Prasad¹, A. E. Lincourt¹, B. T. Heniford¹, P. D. Colavita¹ ¹Carolinas Medical Center, Division of Gastrointestinal and Minimally Invasive Surgery, Charlotte, NC, USA

92.02. Laparoscopic Weight Loss Surgery in the Elderly; An ACS NSQIP Study on the Effect of Age on Outcomes.. M. R. Arnold¹, K. A. Schlosser¹, J. Otero¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, P. D. Colavita¹ ¹Carolinas Medical Center, General Surgery, Charlotte, NC, USA

92.03. Retrospective Review of TAP Block with Liposomal Bupivacaine During Laparoscopic Enterocolectomy. L. M. Deppe², C. Kasal², K. Mathis¹, D. W. Larson¹ ¹Mayo Clinic Rochester, Colon and Rectal Surgery, Rochester, MN, USA ²Mayo Clinic Health System, Red Wing, MN, USA

92.04. the perioperative outcome of pelvic exenteration for gastrointestinal and gynecologic malignancies.. N. M. Hinkle¹, P. Dickson¹, R. B. Interiano¹, D. Shibata¹, G. Munene⁴, J. Monroe¹, L. Smiley², M. Reed², J. Deneve¹ ¹University of Tennessee Health Science Center, Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, Obstetrics and Gynecology, Memphis, TN, USA ³University of Tennessee Health Science Center, Medical Oncology, Memphis, MS, USA ⁴West Michigan Cancer Center, Surgery, Kalamazoo, MI, USA

92.05. Advantage of Robotic Colorectal Surgery in Rates of Operative Conversion. L. Heidelberg¹, E. Malone¹, M. Morris¹, D. Chu¹, G. Kennedy¹, J. Cannon¹ ¹University of Alabama at Birmingham, Division of Gastrointestinal Surgery, Birmingham, Alabama, USA

92.06. First Case Report of Rectal Cellular Angiofibroma. V. Kurbatov¹, J. M. Bloom², G. A. Yavorek¹ ¹Yale University School of Medicine, General Surgery, New Haven, CT, USA ²Southern Connecticut State University, New Haven, CT, USA

92.07. Laparoscopic Cholecystectomy in Patients Supported with a Left Ventricular Assist Device (LVAD). V. Suresh¹, M. Bishawi⁵, B. Bryner⁵, M. Manning⁴, C. Patel³, J. Rogers³, C. Milano⁵, J. Schroder⁵, M. Daneshmand⁵, C. A. Sommer² ¹Duke University Medical Center, School of Medicine, Durham, NC, USA ²Duke University Medical Center, Division of Acute Care Surgery, Department of Surgery, Durham, NC, USA ³Duke University Medical Center, Division of Cardiology, Department of Medicine, Durham, NC, USA ⁴Duke University Medical Center, Division of Cardiac Anesthesia, Department of Anesthesia, Durham, NC, USA ⁵Duke University Medical Center, Division of Cardiothoracic Surgery, Department of Surgery, Durham, NC, USA

92.08. Sarcoma Resection: Outcomes Related to Methods of Reconstruction and Tumor Locations. M. H. Nguyen¹, J. Carr², L. A. Damitz¹, H. J. Kim², C. Hultman¹ ¹University of North Carolina at Chapel Hill, Plastic Surgery Department, Chapel Hill, NC, USA ²University of North Carolina at Chapel Hill, Department of Surgical Oncology, Chapel Hill, NC, USA

92.09. Cholecystectomy and the Risk of Gastric and Esophageal Adenocarcinoma-Meta-Analysis. H. Khadra¹, T. Cushing¹, S. Souza¹, J. Crowther¹, C. DuCoin¹ ¹Tulane University School of Medicine, Department of Surgery, New Orleans, LA, USA

92.10. Predictors of Conversion from Laparoscopic to Open Lysis of Adhesion for Small Bowel Obstruction. D. Asuzu¹, G. Chao¹, K. Y. Pei¹ ¹Yale University School of Medicine, General Surgery, New Haven, CT, USA

92.11. Differing Rates of C. Difficile Infection in Patients with Ostomy Reversal versus Colon Resection. C. L. Charlton¹, D. Chen¹, V. Pandit¹, A. Cruz¹, D. Sessinou¹, P. Vij¹, V. Nfonsam¹ ¹University of Arizona, Department of Surgery, Tucson, AZ, USA

92.12. Effectiveness of Liposomal Bupivacaine in Ostomy Reversal: A Retrospective Review. D. G. McKeown¹, C. Sokas¹, A. Nevler¹, S. Goldstein¹, G. Isenberg¹, B. Phillips¹ ¹Thomas Jefferson University Hospital, Colorectal Surgery, Philadelphia, PA, USA

92.13. the effects of BMI on patients undergoing total neoadjuvant therapy for pancreatic cancer. K. Ang¹, N. Goel¹, M. Kilcoyne¹, A. Nadler¹, W. H. Ward¹, J. Farma¹, A. Karachristos¹, N. Esnaola¹, J. P. Hoffman¹, S. Reddy¹ ¹Fox Chase Cancer Center, Department of Surgical Oncology, Philadelphia, PA, USA

92.14. Acute Diverticulitis: Evolving trends in operative versus non-operative management. B. Zangbar¹, S. Imtiaz¹, V. Roudnitsky¹, L. Dresner¹, H. Talus¹, A. Schwartzman¹, F. Serafini¹, R. Gruessner¹ ¹State University of New York Downstate Medical Center, Surgery, Brooklyn, NY, USA

92.15. Satisfaction with Sedation in Colonoscopy: A Systematic Review and Meta-Analysis. F. Dossa¹, B. Medeiros², S. A. Acuna¹, N. N. Baxter¹ ¹University of Toronto, Division of General Surgery, Toronto, ON, Canada ²Western University, Department of Biology, London, ON, Canada

92.16. A Comparison of Single-Site Robot Assisted Versus Laparoscopic Appendectomy. S. B. Bryczkowski¹, D. M. Filiberto², S. G. Pereira¹ ¹Hackensack University Medical Center, General Surgery, Hackensack, NJ, USA ²University of Tennessee Health Science Center, Surgical Critical Care, Memphis, TN, USA

92.17. Surgery of Non-tumoral Oeso-gastroduodenal Diseases By Laparoscopy. DiopPS, Kal, FayeA.C, Fall B. ?. P. S. DIOP¹, P. S. DIOP¹ ¹Cheikh Anta DIOP University, Departement Surgery, Dakar, DAKAR, Senegal

92.18. Pancreaticoduodenectomy for Periapillary Carcinoid tumors: Outcome analysis using NSQIP.. K. Memeh¹, H. Aziz¹, T. S. Riall¹, T. Jie¹ ¹University of Arizona, Surgery, Tucson, AZ, USA

92.19. Comparative analysis of pancreatic cancer clinical pathways. S. Willis⁵, A. Ardeljan^{1,3}, D. Maurente^{1,5}, A. Johns¹, H. Abdul¹, M. Bustos^{1,3}, S. Susie², M. Ghali¹, O. M. Rashid¹ ¹Holy Cross Hospital, Michael and Dianne Bienes Comprehensive Cancer Center, Fort Lauderdale, FL, USA ²Massachusetts General Hospital, Cancer Center, Boston, MA, USA ³University of Miami Miller School of Medicine, Miami, FL, USA ⁴Charles E. Schmidt College of Medicine at Florida Atlantic University, Boca Raton, FL, USA ⁵Nova Southeastern University College of Osteopathic Medicine, Fort Lauderdale, FL, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III**93. CLINICAL/OUTCOMES: VASCULAR QUICKSHOT SESSION**

MATHEWS

MODERATORS: Karen J. Ho, MD & Frank Smith, BSc, MSc, MD, FRCS, FEBVS, FHEA

93.02. Time to Complications after Endovascular Repair of Abdominal Aortic Aneurysm: A 3 Years Analysis. V. Pandit¹, M. N. Khan¹, M. Zeeshan¹, M. Hamidi¹, F. S. Jehan¹ ¹University of Arizona, Tucson, AZ, USA

93.03. Emergent Endovascular Revascularization of Acute on Chronic Mesenteric Ischemia Lowers Mortality. N. C. Cirillo-Penn¹, B. L. Pagano¹, V. Y. Dombrovskiy¹, S. A. Rahimi¹, K. H. Nagarsheth¹ ¹Rutgers - Robert Wood Johnson Medical School, Vascular Surgery, New Brunswick, NJ, USA

93.04. Variability of Pre-operative Toe Pressures in Patients with Chronic Limb-threatening Ischemia (CLI). A. M. Flores¹, M. Fakhari¹, J. Darling¹, M. L. Schermerhorn^{1,2}, R. J. Guzman^{1,2} ¹Beth Israel Deaconess Medical Center, Vascular Surgery, Boston, MA, USA ²Harvard School of Medicine, Boston, MA, USA

93.05. Ultrasound Guided Foam Sclerotherapy: Does Size Matter? J. T. Toniolo^{1,2}, D. Munteanu¹, A. Russell¹, N. Chiang¹, H. Hao¹, J. Chuen^{1,2} ¹The Austin Hospital, Department of Vascular Surgery, Melbourne, VICTORIA, Australia ²The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia

93.07. Duplex Ultrasound Is A Viable Method To Longitudinally Follow EVAR Patients for Endoleak. A. Reilly¹, M. Shukla¹, P. Callas¹, G. Steinthorsson¹, A. Stanley¹, D. J. Bertges¹, J. A. Lahiri¹, M. J. Alef¹ ¹University of Vermont, Vascular Surgery, Burlington, VT, USA

93.09. Effects of EMR-Based Coding Queries on Rates of Miscoding for Complex Open Aortic Aneurysm Repairs. S. S. Ayub¹, S. T. Scali¹, S. A. Berceli¹, J. A. Richter¹, T. S. Huber¹, J. Fatima¹, K. A. Giles¹ ¹University of Florida, Vascular Surgery and Endovascular Therapy, Gainesville, FL, USA

93.10. Early Initiation of HBOT in Necrotizing Soft Tissue Infection Has No Impact on Length of Stay or Patient Disposition. B. Meloro¹, L. DeStefano¹, K. Katragadda¹, J. Matthews², A. Buckley², D. Tran², A. Deb², J. B. Fobia¹ ¹Mercy Catholic Medical Center, Department of Surgery, Darby, PA, USA ²Philadelphia College of Osteopathic Medicine, Philadelphia, PA, USA

93.11. Patient Selection and Outcomes of EVAR Devices Before and After Market Approval. P. Yu¹, Z. Novak¹, E. Spangler¹, M. Patterson¹, M. Passman¹, A. Beck¹, B. Pearce¹ ¹University of Alabama at Birmingham, Dept of Surgery, Division of Vascular Surgery & Endovascular Therapy, Birmingham, Alabama, USA

93.12. the Operational Ramifications of a Surgical Fellowship on OR Management Metrics. M. Shukla¹, T. T. Huynh², D. Bertges¹, G. Steinthorsson¹, M. H. Tsai^{2,3} ¹University of Vermont Larner College of Medicine, Department of Surgery, Burlington, VT, USA ²University of Vermont Larner College of Medicine, Department of Anesthesiology, Burlington, VT, USA ³University of Vermont Larner College of Medicine, Department of Orthopaedics and Rehabilitation (by Courtesy), Burlington, VT, USA

93.13. Correlation Between Cold Inducible Ribonucleic Acid Binding Protein Levels and Wound Healing. K. Shyta¹, T. Li⁴, A. Jacob^{1,3}, S. Kaplan¹, J. Nicastro^{1,2}, F. Baksh¹, P. Wang^{1,2,3}, A. R. Oropallo^{1,2} ¹Northwell Health System, Department of Surgery, Comprehensive Wound Care Healing Center and Hyperbarics, Lake Success, NEW YORK, USA ²Hofstra-Northwell School of Medicine, Hempstead, NEW YORK, USA ³The Feinstein Institute for Medical Research, Manhasset, NEW YORK, USA ⁴Hofstra Northwell School of Medicine, Department of Emergency Medicine, Hempstead, NEW YORK, USA

93.14. Aortoiliac Thromboembolic Events in Younger Women: A Retrospective Case Review. M. P. Kochuba¹, E. Choi¹, F. Schmieder¹, R. Dhanisetty¹, P. Van Bemmelen¹, S. Golarz¹ ¹Temple University Hospital, Department of Surgery, Philadelphia, PA, USA

93.15. Characterization of the Strength of the Genetic Component Associated with Abdominal Aortic Aneurysms. R. Vissepo¹, B. Shue², J. Hinson³, D. Melzer⁴, J. E. Indes² ¹University of Connecticut School of Medicine, Farmington, CT, USA ²University of Connecticut Health Center, Department of Surgery, Farmington, CT, USA ³University of Connecticut Health Center, Department of Cardiology, Farmington, CT, USA ⁴University of Connecticut Health Center, Center On Aging, Farmington, CT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

94. EDUCATION QUICKSHOT SESSION 3

HART

MODERATORS: Kimberly M. Brown, MD & Paul D. DiMusto, MD

94.01. Medical Student Utilization of Social Media. D. Ruter¹, L. A. Shirley², C. Jones³ ¹Johns Hopkins University School of Medicine, Department of Surgery, Baltimore, MD, USA ²The Ohio State University College of Medicine, Columbus, OH, USA ³The Ohio State University College of Medicine, Department of Surgery, Columbus, OH, USA

94.02. Is there Gender Bias on the General Surgery Certifying Examination? T. Q. Ong², J. P. Kopp¹, A. T. Jones¹, M. A. Malangoni¹ ¹American Board of Surgery, Philadelphia, PA, USA ²James Madison University, Harrisonburg, VA, USA

94.03. Qualitative Analysis of a Cultural Dexterity Program for Surgeons: Feasible, Impactful, and Essential. R. Udyavar¹, D. Smink^{1,2}, J. Mullen³, T. Kent⁴, A. Green³, A. Harlow¹, M. Castillo-Angeles¹, A. Columbus^{1,2}, A. Haider^{1,2} ¹Brigham and Women's Hospital, Center for Surgery and Public Health, Department of Surgery, Boston, MA, USA ²Brigham and Women's Hospital, Department of Surgery, Boston, MA, USA ³Massachusetts General Hospital, Department of Surgery, Boston, MA, USA ⁴Beth Israel Deaconess Medical Center, Department of Surgery, Boston, MA, USA

94.04. Using Bradford's Law of Scattering to Identify the Core Journals of Pediatric Surgery. N. Desai¹, L. V. Veras¹, A. Gosain¹ ¹University of Tennessee Health Science Center, Surgery, Memphis, TN, USA

94.05. Team-Based Learning in Surgery Clerkship: Perception and Impact on NBME Subject Examination Scores. C. Babbitt¹, A. Kaminski¹, M. C. McCarthy¹, M. Roelle¹, R. Markert¹, P. P. Parikh¹ ¹Wright State University, Dayton, OH, USA

94.06. Readability Analysis of Online Materials Related To Open and Endovascular Abdominal Aortic Aneurysm Repair. B. B. Scott¹, B. N. Tran², A. F. Doval², B. T. Lee² ¹Beth Israel Deaconess Medical Center, Department of General Surgery, Boston, MA, USA ²Beth Israel Deaconess Medical Center, Department of Plastic and Reconstructive Surgery, Boston, MA, USA

94.08. Rural First Responder Needs Assessment Using Mathematical Modelling. G. E. Sorensen¹, M. Aranke¹, M. Bhatia¹, S. Yang², D. Vyas³ ¹Texas Tech University Health Science Center School of Medicine, Lubbock, TX, USA ²Texas Tech University Health Science Center, Pathology, Lubbock, TX, USA ³Texas Tech University Health Science Center, Surgery, Odessa, TX, USA

94.09. Live Tweeting the Academic Surgical Congress: Four Years of Growth and Focus. H. J. Logghe⁷, J. W. Suliburk², A. Cochran⁴, N. J. Gusani¹, L. S. Kao⁵, B. C. Nwomeh⁶, C. D. Jones² ¹Penn State Hershey Medical Center, York, PA, USA ²Johns Hopkins University School of Medicine, Baltimore, MD, USA ³Baylor College of Medicine, Baltimore, MD, USA ⁴University of Utah, Salt Lake City, UT, USA ⁵University of Texas Health Science Center at Houston, Houston, TX, USA ⁶Nationwide Children's Hospital, Columbus, OH, USA ⁷Allies for Health, Reno, NV, USA

94.10. Empowering Bystanders to Intervene: Chicago South Side Trauma First Responders Course. B. Wondimu¹, S. Speedy¹, T. Barnum¹, F. Cooley-Gay², S. Regan³, L. Stone³, M. Shapiro¹, M. Swaroop¹, L. C. Tatebe¹ ¹Northwestern University, Chicago, IL, USA ²University of Chicago, Chicago, IL, USA ³University of Illinois at Chicago, Chicago, IL, USA

94.11. There is No Routine Gallbladder: A Call to Enhance the "Culture of Safety in Cholecystectomy". T. T. Jayakrishnan¹, M. Chimukangara¹, T. P. Webb¹, C. S. Davis¹ ¹Medical College of Wisconsin, Division of Trauma, Critical Care, and Acute Care Surgery, Milwaukee, WI, USA

94.12. Prediction of Postoperative Surgical Risk: A Needs Assessment for Formal Curriculum. S. L. Ahle¹, J. M. Healy¹, K. Y. Pei¹ ¹Yale University School of Medicine, New Haven, CT, USA

94.13. Development of Rating Criteria for Providing Peer Feedback on Surgical Technical Skill. S. Bharadwaj¹, S. Meyerson¹, R. Love^{1,2}, A. Bharat¹, M. DeCamp¹, D. D. Odell^{1,2} ¹Feinberg School of Medicine - Northwestern University, Surgery, Chicago, IL, USA ²Northwestern University Surgical Outcomes & Quality Improvement Center (SOQIC), Surgery, Chicago, IL, USA

94.14. To Lead Others, Know Yourself First: 360-Degree Assessment to Enhance Educational Leadership Skills. S. Misra¹, R. Casanova², M. Marsh², J. Luk³ ¹Brandon Regional Hospital, Surgical Oncology, Brandon, FL, USA ²Texas Tech University Health Sciences Center, Medical Education, Lubbock, TX, USA ³Dell Medical School, Medical Education, Austin, TX, USA

94.15. An Informed Consent Update for Academic Surgeons. S. E. Raper¹, J. Joseph² ²University of Pennsylvania Health System, Quality and Risk Management, Philadelphia, PA, USA ¹Perelman School of Medicine, Surgery, Philadelphia, PA, USA

94.16. Improving Surgical Outreach in Palestine: Assessing Goals of Local and Visiting Surgeons. A. D. McDow¹, S. O. Salman², K. L. Long¹ ¹University of Wisconsin School of Medicine and Public Health, Department of Surgery, Madison, WISCONSIN, USA ²University of Florida-Jacksonville, Oral and Maxillofacial Surgery, Jacksonville, FLORIDA, USA

94.17. Medical School Clerkship Experience: Influence on Specialty Choice. A. D. Kaminski¹, G. N. Falls¹, P. P. Parikh¹ ¹Wright State University, Department of Surgery, Dayton, OH, USA

94.18. Minimally invasive surgical exposure among U.S. and Canadian pediatric surgery fellows, 2004 - 2016. S. B. Cairo¹, C. M. Harmon^{1,2}, D. H. Rothstein^{1,2} ¹Women and Children's Hospital of Buffalo, Department of Pediatric Surgery, Buffalo, NY, USA ²State University of New York, University at Buffalo, Department of Surgery, Buffalo, NY, USA

94.19. Resident Postgraduate Level Does Not Impact Outcomes Following Cholecystectomy. L. R. Taveras Morales¹, J. Imran¹, O. Renteria¹, S. Huerta^{1,2} ¹University of Texas Southwestern Medical Center, Department of Surgery, Dallas, TX, USA ²VA North Texas Health Care System, Department of Surgery, Dallas, TX, USA

94.20. Academic Surgery Leadership Positions: What Makes a Successful Candidate? J. A. Cook¹, S. E. Sasor¹, S. P. Duquette¹, T. A. Evans¹, S. S. Tholpady^{1,2}, M. W. Chu^{1,2} ¹Indiana University School of Medicine, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA ²R.L. Roudebush Veterans Affairs Medical Center, Division of Plastic & Reconstructive Surgery, Indianapolis, IN, USA

1:30 PM - 3:30 PM

Integrated Quick Shot Presentations Session III

95. EDUCATION QUICKSHOT SESSION 4

ACOSTA

MODERATOR: Rebecca C. Britt, MD

95.03. #obsm: Early Experience with an Interdisciplinary Social Media Chat on Obesity and Bariatric Surgery. H. J. Logghe¹, A. A. Ghaferi², B. Moeinolmolki⁴, N. Floch³, S. Arghavan⁵ ¹Allies for Health, Reno, NV, USA ²University of Michigan, Ann Arbor, MI, USA ³Fairfield County Bariatrics and Surgical Specialists, Norwalk, CT, USA ⁴Moein Surgical Arts, Los Angeles, CA, USA ⁵Washington University, St. Louis, MO, USA

95.04. Million Life Fighters: Curriculum That Further Enhances the Already Competent. J. K. Wright¹, J. Lung¹, S. Huffman¹, D. Vyas¹ ¹Texas Tech Health Sciences Center, School of Medicine, Lubbock, TX, USA

95.05. Understanding Diagnostic Radiology Education During Undergraduate Medical Education. R. W. Bailer¹, R. Martin¹ ¹University of Louisville, School of Medicine, Louisville, KY, USA

95.06. Introducing a Shadowing Experience to Surgical Intern Orientation: Hitting the Ground Running. K. F. Angell¹, Z. Senders¹, J. T. Brady¹, J. Ammori¹, J. M. Marks¹ ¹University Hospitals Cleveland Medical Center, Surgery, Cleveland, OH, USA

95.07. Implementing Survey-Based Changes in an Online Curriculum for Surgical Interns: A Follow-Up Study. M. E. Alishahedani¹, G. A. Sarosi¹, J. A. Taylor¹ ¹University of Florida, Department of Surgery, Gainesville, FL, USA

95.08. Pediatric Surgeon Click-Bait: Patterns of Access to Email Blast Publication Links. S. S. Ayub¹, C. D. Downard², A. B. Goldin³, D. M. Powell⁴, S. Islam¹, J. A. Taylor¹ ¹University of Florida, Pediatric Surgery, Gainesville, FL, USA ²University of Louisville, Pediatric Surgery, Louisville, KY, USA ³Seattle Children's Hospital, Pediatric Surgery, Seattle, WA, USA ⁴Stanford University, Pediatric Surgery, Palo Alto, CA, USA

95.09. Mind Mapping to Concept Mapping: A Way to Capture Learner Perception. M. F. Amendola¹, B. Kaplan¹ ¹Virginia Commonwealth University, Richmond, VA, USA

95.10. "Integrating Surgical Philanthropy into Surgical Training". S. R. Aziz¹, S. R. Aziz¹ ¹Rutgers School of Dental Medicine, Oral & Maxillofacial Surgery, NEWARK, NJ, USA

95.11. Evaluation of Trauma, Surgical Critical Care, and Acute Care Surgery Fellowship Web Sites. C. K. Cantrell¹, N. J. Dahlgren¹, B. L. Young², K. M. Hendershot³ ¹University of Alabama at Birmingham, School of Medicine, Birmingham, AL, USA ²Carolinas Medical Center, Department of Orthopaedic Surgery, Charlotte, NC, USA ³University of Alabama at Birmingham, Department of Surgery, Birmingham, AL, USA

95.12. A Robotic Surgical Curriculum for Chief Resident Exposure and Experience. M. P. Meara¹, C. P. Rodman¹, J. S. Schwartz¹, D. B. Renton¹, A. S. Meara¹ ¹The Ohio State University Wexner Medical Center, Department of Surgery, Columbus, OH, USA

95.13. New Surgery Residency and Timing of Cholecystectomy for Biliary Pancreatitis. A. D. Kalani¹, L. Gomez¹, J. R. Popovich¹, K. Lee¹, S. Cassaro^{1,2} ¹Kaweah Delta Medical Center, General Surgery, Visalia, CA, USA ²University of California - Irvine, Surgery, Orange, CA, USA

95.14. Evolution of Hyperthermic Intraperitoneal Chemotherapy (HIPEC): A Glance at What the Future Holds.. R. J. Rivero-Soto¹, Z. Hossein-Zadeh¹, J. Coleman¹, N. Ahuja², V. Ahuja¹ ¹Sinai Hospital of Baltimore, General Surgery, Baltimore, MD, USA ²John Hopkins University, General Surgery, Baltimore, MD, USA

95.15. Implementing the Trauma Evaluation and Management (TEAM) Course in Kenya. E. D. Johnson², K. A. Hill¹, M. Lutomia⁴, K. K. Lee¹, J. A. Puyana¹, J. MacLeod^{1,3} ¹University of Pittsburgh, Surgery, Pittsburgh, PA, USA ²University of Pittsburgh, School of Medicine, Pittsburgh, PA, USA ³Egerton University, Surgery, Nakuru, KENYA, Kenya ⁴Egerton University, Orthopedic Surgery, Nakuru, KENYA, Kenya

95.16. Global Surgery in the 21st Century: Equity in Training Partnerships. J. Rickard¹, K. Chu² ¹University of Minnesota, Surgery, Minneapolis, MN, USA ²University of Cape Town, Surgery, Cape Town, South Africa

95.17. Critical Care Education in Rwanda. J. Rickard^{1,2}, E. Tuyishime^{2,3}, F. Ntirenganya^{2,3}, P. Banguti^{2,3} ¹University of Minnesota, Minneapolis, MN, USA ²University Teaching Hospital of Kigali, Kigali, Rwanda ³University of Rwanda, Kigali, Rwanda

95.18. Use of 3d Printed Models for Pre Operative Rehearsal Prior To Complicated Aortic Surgery. J. T. Toniolo^{1,2}, A. Woo¹, N. Chiang¹, J. Chuen^{1,2} ¹Austin Hospital, Department of Vascular Surgery, Melbourne, VICRORIA, Australia ²The University of Melbourne, Department of Surgery, Melbourne, VICTORIA, Australia

95.19. USING COGNITIVE TASK ANALYSIS TO DEFINE HEPATO-PANCREATICO-BILIARY INTRAOPERATIVE ULTRASOUND. N. J. Zyromski¹, M. G. House¹, A. Nakeeb¹, M. Boehler¹, G. L. Dunnington¹ ¹Indiana University School of Medicine, SURGERY, Indianapolis, IN, USA

95.20. Using Electronic Health Records (EHR) Data in Practice Audit: Ureteroscopy-" Stent or No Stent". E. O. Abara^{1,2}, E. Abara^{1,2} ¹Northern Ontario School of Medicine, Clinical Sciences, Sudbury/Thunder Bay, ONTARIO, Canada ²Richmond Hill Urology Practice & Prostate Institute, Richmond Hill, ONTARIO, Canada

TUESDAY

WEDNESDAY

THURSDAY



FACULTY LISTING

**For most up to date faculty listing, please visit the meeting app.

Daniel E. Abbott, MD, University of Wisconsin, Madison, WI, USA

Suresh Agarwal, MD, Duke University, Durham, NC, USA

Rajesh Aggarwal, MBBS MA PhD FRCS, Thomas Jefferson University, Philadelphia, PA, USA

Vanita Ahuja, MD, Sinai Hospital, Baltimore, MD, USA

Samuel M. Alaish, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Steven R. Allen, MD, Penn State Health, Hershey, PA, USA

Rahul J. Anand, MD FACS, Virginia Commonwealth University School of Medicine, Richmond, VA, USA

Peter Angelos, MD, PhD, FACS, University of Chicago Medicine, Chicago, IL, USA

Mike Argenziano, MD, Columbia University, New York, NY, USA

Amanda Arrington, MD, University of Arizona, Tucson, AZ, USA

Deanna Attai, MD, David Geffen School of Medicine at UCLA, Burbank, CA, USA

Edward D. Auyang, MD, MS, University of New Mexico, Albuquerque, NM, USA

Shahid R. Aziz, DMD, MD, Rutgers University School of Dental Medicine, Newark, NJ, USA

Courtney Balentine, MD, University of Alabama at Birmingham, Birmingham, AL, USA

Carlton C. Barnett, MD, University of Colorado, Denver, CO, USA

Filip Bednar, MD, PhD, University of Michigan, Ann Arbor, MI, USA

Kevin E. Behrns, MD, Saint Louis University, St. Louis, MO, USA

Peyman Benharash, MD, University of California, Los Angeles, Los Angeles, CA, USA

Ankit Bharat, MD, Northwestern University, Feinberg School of Medicine, Chicago, IL, USA

Karl Bilimoria, MD, Northwestern University, Chicago, IL, USA

Timothy R. Billiar, MD, University of Pittsburgh, Pittsburgh, PA, USA

Cherif Boutros, MD, MSc, University of Maryland School of Medicine, Baltimore, MD, USA

Alexandra Briggs, MD, University of Pittsburgh Medical Center, Pittsburgh, PA, USA

Rebecca C. Britt, MD, Eastern Virginia Medical School, Norfolk, VA, USA

Benjamin S. Brooke, MD, University of Utah School of Medicine, Salt Lake City, UT, USA

Kimberly M. Brown, MD, Dell Medical School at UT Austin, Austin, TX, USA

Kelli M. Bullard Dunn, MD, University of Louisville School of Medicine, Louisville, KY, USA

Jo Buyske, MD, American Board of Surgery, Philadelphia, PA, USA

E. Ramsay Camp, MD, Med Univ of South Carolina, Charleston, SC, USA

Scott R. Chalet, MD, MBA, University of Wisconsin School of Medicine & Public Health, Madison, WI, USA

David Chang, PhD, MPH, MBA, Massachusetts General Hospital, Harvard Medical School, Boston, MA, USA

Herbert Chen, MD, University of Alabama at Birmingham, Birmingham, AL, USA

Catherine Cheng, MD, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

Clifford S. Cho, MD, University of Michigan Medical School, Ann Arbor, MI, USA

Jennifer N. Choi, MD, Indiana University School of Medicine, Indianapolis, IN, USA

Daniel I. Chu, MD, University of Alabama at Birmingham, Birmingham, AL, USA

John Chuck, MD, The Permanente Medical Group, Oakland, CA, USA

Dai H. Chung, MD, Vanderbilt University Medical Center, Nashville, TN, USA

Clancy J. Clark, MD, Wake Forest Baptist Health, Winston Salem, NC, USA

Amalia L. Cochran, MD, University of Utah, Salt Lake City, UT, USA

Mark S. Cohen, MD, University of Michigan, Ann Arbor, MI, USA

Dawn M. Coleman, MD, BS, University of Michigan, Ann Arbor, MI, USA

Jamie J. Coleman, MD, Indiana University, Indianapolis, IN, USA

Kyle G. Cologne, MD, University of Southern California Keck School of Medicine, Los Angeles, CA, USA

Carlo M. Contreras, BS, MD, University of Alabama at Birmingham, Birmingham, AL, USA

Zara R. Cooper, MD, Brigham and women's hospital, Boston, MA, USA

Todd W. Costantini, MD, Univ of CA San Diego Health Sciences, San Diego, CA, USA

Robert A. Cowles, MD, Yale School of Medicine, New Haven, CT, USA

Laurie Cure, PhD, MBA, Innovative Connections, Inc., Fort Collins, CO, USA

Robert Dabal, MD, University of Alabama at Birmingham, Birmingham, AL, USA

Matthew J. Delano, MD, University of Michigan, Ann Arbor, MI, USA

Jeremiah L. Deneve, DO, University of Tennessee Health Science Center, Memphis, TN, USA

Justin B. Dimick, MD, MPH, University of Michigan, Ann Arbor, MI, USA

Paul D. DiMusto, MD, University of Wisconsin, Madison, WI, USA

Lesly A. Dossett, MD, MPH, University of Michigan, Ann Arbor, MI, USA

Gary Dunnington, MD, Indiana University School of Medicine, Indianapolis, IN, USA

Philip A. Efron, MD, Univ of Florida Health Sciences Ctr, Gainesville, FL, USA

Akpofure P. Ekeh, MD, Wright State University, Dayton, OH, USA

Obonoruma (Obos) I. Ekhaese, DO, Univ of TX Med Branch, Houston, TX, USA

Dawn M. Elfenbein, MD, MPH, University of California, Irvine, Orange, CA, USA

Jeffrey M. Farma, MD, Fox Chase Cancer Center, Philadelphia, PA, USA

Eric C. Feliberti, MD, Eastern Virginia Medical School, Norfolk, VA, USA

Timothy L. Fitzgerald, MD, Maine Health, Portland, ME, USA

Timothy L. Frankel, MD, University of Michigan, Ann Arbor, MI, USA

Wayne Frederick, MD, MBA, Howard University, Washington, DC, USA

FACULTY LISTING (continued)

**For most up to date faculty listing, please visit the meeting app.

Luke M. Funk, MD, MPH, University of Wisconsin, Madison, WI, USA

Sabha Ganai, MD, PhD, Southern Illinois University, Springfield, IL, USA

Christopher P. Gayer, MD, Children's Hospital Los Angeles, University of Southern California, Los Angeles, CA, USA

Sunil K. Geevarghese, MD, FACS, Vanderbilt University Medical Center, Nashville, TN, USA

Amir A. Ghaferi, MD, University of Michigan, Ann Arbor, MI, USA

Allan M. Goldstein, MD, Massachusetts General Hospital, Boston, MA, USA

Michael D. Goodman, MD, University of Cincinnati, Cincinnati, OH, USA

Ankush Gosain, MD, PhD, FACS, FAAP, University of Tennessee-Memphis, Le Bonheur Children's Hospital, Memphis, TN, USA

Jayleen Grams, MD, PhD, Univ of Alabama at Birmingham, Birmingham, AL, USA

Scott B. Grant, MD, MBE, CareMount Medical, P.C., Carmel, NY, USA

Caprice C. Greenberg, MD, MPH, University of Wisconsin- Madison, Madison, WI, USA

Jacob A. Greenberg, MD, EdM, University of Wisconsin, Madison, WI, USA

Weidun A. Guo, MD, PhD, SUNY - University at Buffalo, Buffalo, NY, USA

Niraj J. Gusani, MD, MS, Penn State College of Medicine, Hershey, PA, USA

David J. Hackam, MD, PhD, Johns Hopkins University, Baltimore, MD, USA

Adil H. Haider, MD, MPH, Brigham and Women's Hospital & Harvard Medical School, Boston, MA, USA

Nicholas A. Hamilton, MD, Oregon Health and Science University, Portland, OR, USA

Richard Hanney, MB BS, FRA, University of Sydney, Sydney, Australia

John A. Harvin, MD, UT Health, Houston, TX, USA

Joaquim M. Havens, MD, Brigham and Women's Hospital, Boston, MA, USA

Mary T. Hawn, Stanford University, Stanford, CA, USA

Jin He, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Rana M. Higgins, MD, Medical College of Wisconsin, Milwaukee, WI, USA

Andrew G. Hill, The University of Auckland, Auckland, New Zealand

Karen J. Ho, MD, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

Vanessa P. Ho, MD, MPH, MetroHealth Medical Center, Case Western Reserve University, Cleveland, OH, USA

Daniel N. Holena, MD, MSCE, University of Pennsylvania, Philadelphia, PA, USA

Stefan D. Holubar, MD, Cleveland Clinic, Cleveland, OH, USA

Hiromichi Ito, MD, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo, Japan

Benjamin James, MD MS, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA

Howard C. Jen, MD, MSHS, UCLA, Los Angeles, CA, USA

Christian Jones, MD, Johns Hopkins University School of Medicine, Baltimore, MD, USA

Bellal Joseph, MD, The University of Arizona, Tucson, AZ, USA

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For inquiries regarding this list, please contact our Executive Director,
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WHAT PAST ATTENDEES ARE SAYING

About the Fundamentals of Surgical Research Course:

*"Great diversity of speakers and topics.
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*"So many important fundamentals and
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people ever fully discuss or teach."*

*"Really hands-on, practical advice
sounding from valuable experience."*

*"Included so many practical tips for time
management."*

About the Early Career Development Course:

*"Practical tips and shared wisdom for
every step of an academic career –
knowing what to expect and what
the expectations at each phase of
an academic surgery career makes it
easier to plan for and anticipate how
best to prepare."*

*"Very valuable. I am just starting as a
new attending and have been trying to
figure out how to orient myself moving
forward academically."*

*"Invaluable. The information provided is
something that is not openly or clearly
discussed within my training program,
and I appreciated taking one day out of
my life to listen to the best advice and
contemplate how to incorporate the
advice into my career moving forward."*

Fundamentals of Surgical Research Course

Saturday, October 20, 2018

WHO SHOULD ATTEND?

Junior Faculty Pursuing a New Research Career
Fellows
Residents
Undergraduate and Medical Students

LEARN HOW TO:

- Find the right mentor for your research
- Efficiently manage time to succeed in research project
- Apply for research funding, and where to obtain these funds
- Develop a hypothesis and design experiments to test it
- Submitting work for national meetings
- Deliver an effective research presentation
- Prepare and revise a manuscript based on research findings
- Optimize success in basic/translational research and clinical/health services research (via breakout sessions)
- Conduct global surgical research
- Conduct educational/simulation research

Early Career Development Course

Saturday, October 20, 2018

WHO SHOULD ATTEND?

Junior Faculty in their first 5 years of practice
Fellows
Senior Residents

LEARN HOW TO:

- Effectively plan and start your academic career
- Negotiate your job, resources, and programmatic support
- Build a clinical practice
- Build and manage a research team
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- Advance along promotion and tenure tracks
- Develop and sustain mentoring relationships
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Association for Academic Surgery

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SOCIETY OF UNIVERSITY SURGEONS (SUS)



The Society of University Surgeons Seventy-Ninth Annual Meeting

**January 30 - February 1, 2018
Jacksonville, Florida**

SUS Executive Office

11300 W. Olympic Blvd, Suite 600
Los Angeles, CA 90064
Tel: 310-986-6442
Fax: 310-437-0585
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Website: www.susweb.org
Twitter: <https://twitter.com/univsurg>
Facebook: <https://facebook.com/susweb>

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Phone Ext. 102 email: yumi@susweb.org

Catherine Sutherland, Administrative Coordinator
Phone Ext. 107 email: catherine@susweb.org

SUS Foundation:

Evelyn Klass-Rodewald, Executive Director
Phone Ext. 117 email: evelyn@susweb.org

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Ochun Farlice, Member Services Coordinator
Phone Ext. 138 email: membership@susweb.org

Accounting:

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Information Technology:

Jason Levine, Webmaster
Phone Ext. 100 email: webmaster@susweb.org

Scholarship:

Catherine Sutherland, Administrative Coordinator
Phone Ext. 107 email: catherine@susweb.org



Society of University Surgeons Executive Council and Executive Retreat Attendees:

Front Row (l-r): Timothy Pritts, MD, PhD; Gregory Kennedy, MD, PhD; Sandra Wong, MD, MS; Taylor Riall, MD, PhD; Allan Tsung, MD; Rachel Kelz, MD, MS; Timothy Donahue, MD; Rebekah White, MD

Back Row (l-r): Clifford Cho, MD; Kasper Wang, MD; Kimberly Brown, MD; Dai Chung, MD; Frank Sellke, MD; Dev M. Desai, MD, PhD; Sharon Weber, MD; Rebecca Minter, MD; Sunil Geevarghese; David Stewart, MD; Danny Chu, MD; Cristina Ferrone, MD; Amir Ghaferi, MD, MS; Carmen Solorzano, MD

Not Pictured: Kelli Bullard Dunn, MD; David Hackam, MD, PhD; Evan Nadler, MD; Benedict Nwomeh, MD, MPH; Gretchen Schwarze, MD

2017 - 2018 SUS EXECUTIVE COUNCIL

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| Benedict Nwomeh, MD, MPH | Global Academic Surgery Chair | 2016-2019 |
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| James Davies, MD | 2017-2019 |
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| David Foley, MD | 2017-2019 |
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| Anthony W. Kim, MD | 2017-2018 |
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| Melanie Morris, MD | 2017-2019 |
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| Rebecca Minter, MD | At-Large Member |
| Allan Tsung, MD | At-Large Member |
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SUS Resident Scholar Award Winners

The SUS Resident Scholar Award, sponsored by an unrestricted educational grant from the SUS Foundation, is intended for residents in any of the surgical disciplines who are doing basic science or "outcomes" research, or research on surgical education.

The SUS Resident Scholar Award, sponsored by an unrestricted educational grant from KARL STORZ, is intended for residents in any of the surgical disciplines who are doing research focused on surgical innovation, bioengineering, information technology and data management, or surgical education utilizing new technologies.

Linda Jin, MD

SUS Member Sponsor and Mentor: William Hawkins, MD

Sponsored by an educational grant from SUS Foundation

Brooks Udelsman, MD

SUS Member Sponsor and Mentor: Keith Lillemoe, MD

Sponsored by an educational grant from KARL STORZ

SUS Junior Faculty Award Winner

The SUS Junior Faculty Award is intended for surgical faculty members in the United States or Canada in any of the surgical disciplines who have completed a surgical residency or clinical fellowship post-graduate training program to support their research in the basic, clinical/outcomes, or translational surgical sciences.

Ankit Bharat, MD

Mentor: Scott Budinger, MD

Sponsored by an educational grant from SUS Foundation

NEW: 2017-2018 Promising Leaders Program

The Promising Leaders Program, established in 2017, is designed to increase the number of academic surgeons from underrepresented racial and ethnic groups who are successful in obtaining leadership positions. The one-year program provides comprehensive leadership training through completion of existing courses offered by the Society of Surgeons (SUS) and the Society of Black Academic Surgeons (SBAS) and strengthens their effectiveness through the integration of executive coaching and mentoring for surgeons selected for the program.

Zara Cooper, MD

Sponsored by the Society of University Surgeons & Society of Black Academic Surgeons

Kakra Hughes, MD

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Raquel Bueno, MD

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Colin Martin, MD

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NEW: 2018 SUS Mid-Career Academic Surgery Professional Development Course Awards

The SUS was pleased to offer a new member benefit this year. Six SUS members in good standing were awarded complimentary registration for the upcoming SUS Mid-Career Professional Development Course.

Jussuf T. Kaifi, MD

Timothy King, MD, PhD

Swati Kulkarni, MD

Marie Catherine Lee, MD

John Morton, MD

Elmi Muller, MD



SOCIETY OF UNIVERSITY SURGEONS (SUS)

2017 SUS Travel Award Winners

The SUS sponsors two travel awards per year. Eligible applicants are those who have been accepted to present in a Plenary Session, and where the Senior Author is a SUS member in good standing. Two presenters at the Plenary Session of the Academic Surgical Congress this year will be selected to receive Travel Awards. The SUS Publications Chair coordinates the selection process and selection is made by members of the SUS Executive Council. The merits of the research, the quality of the presentation, and the skills demonstrated during the discussion will be considered in selecting award recipients. Each award recipient will attend either the SARS or ESSR Annual Meeting in the year following their selection where they will present their research. The SUS provides round trip coach airfare for the award recipient, while the sister societies provide accommodations and registration fees for the meeting. The award is intended for surgical resident trainees or surgical junior faculty.

Jennifer Miller-Ocuin, MD

Mentor: Herbert Zeh, MD

2018 SARS Meeting

Mautin Hundeyin, MD

Mentor: George Miller

2017 ESSR Meeting

INTERNATIONAL SISTER SOCIETY LEADERSHIP AWARDS

SUS leaders are chosen each year to represent the SUS at the annual meetings of its sister international surgical societies. In each case, they are expected to present some aspect of their scientific or clinical work and participate in important interchanges with the leaders and members of our partner sister societies.

SUS LIFETIME ACHIEVEMENT AWARD WINNERS

| | |
|------------------------------|------|
| John A. Mannick, MD | 2004 |
| James C. Thompson, MD | 2005 |
| Basil A. Pruitt, Jr., MD | 2006 |
| Frank G. Moody, MD | 2007 |
| Clyde F. Barker, MD | 2008 |
| Richard L. Simmons, MD | 2009 |
| Ben Eiseman, MD | 2010 |
| Patricia K. Donahoe, MD | 2011 |
| Alden H. Harken, MD | 2012 |
| Hiram C. Polk, Jr., MD | 2013 |
| Marshall J. Orloff, MD | 2014 |
| Ernest "Gene" Moore, MD | 2015 |
| Ronald Busuttil, MD, MS, PhD | 2016 |
| Courtney Townsend, MD | 2017 |

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Allan Tsung
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Benedict Nwomeh
Henry Pitt
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Robert Rhodes
Carl Schulman
Gretchen Schwarze
Grayson Wheatley
Rebekah White

Contributors under \$250

Kelli Bullard-Dunn
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SOCIETY OF UNIVERSITY SURGEONS
**LEADERSHIP
AGILITY
PROGRAM**

August 26-29, 2018

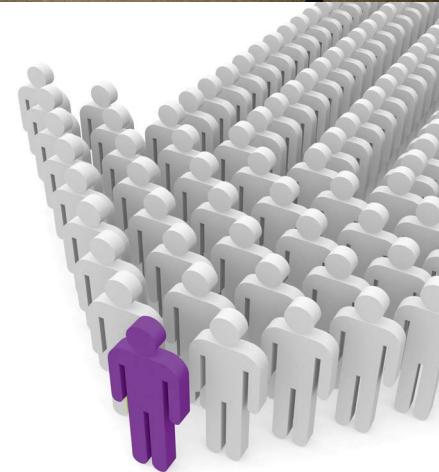
Kellogg School of Management, Northwestern University, Evanston, IL

Visit susweb.org or contact the SUS Executive Office at info@susweb.org or (310) 986-6442 for additional information.

The SUS LEADERSHIP AGILITY PROGRAM, designed in collaboration with Kellogg School of Management, equips leaders to advance their careers in academic medicine amidst an ever-changing landscape. The program leverages Kellogg's strength in meeting the unique design requirements of the healthcare sector through faculty and practitioners who have instructed thousands of healthcare professionals on their leadership journey.



Driven to Lead



Visit susweb.org or contact the SUS Executive Office at info@susweb.org or (310) 986-6442 for additional information.



2018 Exhibitor List

Acelity – Booth 1

12930 W. Interstate 10
San Antonio, TX 78249
Phone: (904) 536-2638
Website: www.acelity.com

Acelity was created in 2014 and unites the strengths of Kinetic Concepts Inc. & Systagenix. We are a global market leader in wound care. Through an innovative and comprehensive product portfolio combined with specialized knowledge that leads the industry in quality, safety and customer experience – we are committed to providing safe and effective medical products with integrity and compliance.

Designs for Vision – Booth 2

4000 Veterans Memorial Hwy
Bohemia, NY 11716
Phone: (631) 585-3300
Website: www.designsforvision.com

See the Visible Difference® with Designs for Vision's Micro Series Surgical Telescopes and L.E.D. DayLite® headlights. The Micro Series Surgical Telescopes are 40% lighter and 50% smaller. The L.E.D. DayLite® headlights provide un-tethered surgical illumination. Record, document, and broadcast procedures with the NanoCam HD®.

Innovative Connections – Booth 8

1921 Contentment Lane
Fort Collins, CO 80524
Phone: (970) 690-9700
Website: InnovativeConnectionsInc.Com

We provide Physician Coaching designed to support the development, effectiveness and engagement in your career. We have physician coaches who are experts in the field and have delivered extraordinary results.

International Society for Surgery, U.S. Chapter – Booth 7

633 N Saint Clair Street, Suite 2700
Chicago, IL 60611
Phone: (312) 202-5586
Website: <https://us-iss.org/>
Email: US-ISS@facs.org

JOMI – Booth 12

6th floor, 68 Harrison Avenue,
Boston, MA 02111
Phone: (989) 980-3377
Website: www.jomi.com/
Email: contact@jomi.com

JOMI is a Boston-based, peer-reviewed surgical video journal that films and publishes full-length, high quality surgical case reports with high-volume physicians around the world.

Karl Storz Endoscopy – Booth 4

2151 E Grand Ave # 100,
El Segundo, CA 90245
Phone: (424) 218-8100
Website: www.karlstorz.com
Email: info@karlstorz.com

Karl Storz Endoscopy-America, Inc., an international leader in endoscopic equipment and instruments, designs, engineers, manufactures and markets products with an emphasis on visionary design, precision craftsmanship and clinical effectiveness. Karl Storz has what is probably the industry's most complete line of endoscopic equipment, offering over 15,000 products encompassing 13 specialties.

Lifebox Foundation – Booth 10

195 Montague Street, 14th Floor
Brooklyn, NY 11201
Phone: (617) 515-1155
Website: www.lifebox.org

Lifebox is the leading nonprofit working to make surgery safer on a global scale. Chaired by surgeon and author Atul Gawande, Lifebox partners with colleagues in more than 100 low-resource countries to deliver tools, training and peer support essential for safer perioperative practice. Find out more about how you can support Lifebox programs, including surgical site infection reduction, anesthesia safety, and OR teamwork, at www.lifebox.org or on Twitter @SaferSurgery.

Pharmatechnology LLC – Booth 5

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New York, NY 17010
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Website: <http://pharmatechnology.net/>

We offer the simple choice for non-surgical scar removal, Buy non-invent Advance advance approach to scar treatment that offer excellent result without the discomfort and downtime of surgery

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Sanofi – Booth 3

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Website: www.sanofi.us

Shire – Booth 6

300 Shire Way
Lexington, MA 02421
USA
Phone: (617) 349-0200
Website: www.shire.com

SurgiReal Products, Inc. – Booth 11

995 N. Wilson Avenue
Loveland, CO 80537
Phone: 970-818-7060
Email: info@surgireal.com
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- Nail Avulsion/Resection Training

TouchSurgery – Booth 13

447 Broadway
New York, NY, 10013
Website: www.touchsurgery.com

The Touch Surgery platform is an interactive surgical simulator providing a realistic and detailed guide to every step of a procedure. Users can quickly learn surgery, test their knowledge & rehearse.

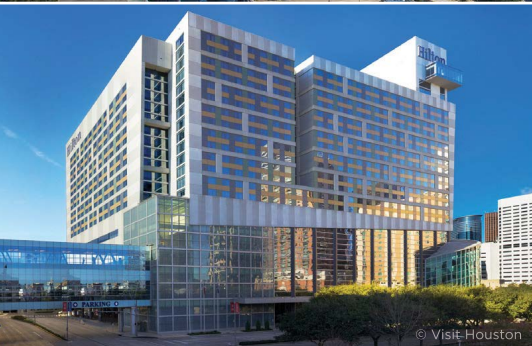
2019 **SAVE THE DATE**

14th Annual Academic Surgical Congress



February 5-8, 2019

Hilton Americas – Houston
Houston, Texas



For more information, visit www.academicsurgicalcongress.org.