

# **PROGRAM**

## **Fortieth Annual Meeting of the Surgical Infection Society**



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**Denver, CO  
April 17-20, 2020**

**Learning Objective(s)**-- This activity is designed for Physicians, Pharmacists and Nurses. Upon completion of this course, participants will be able to

1. Describe the appropriated diagnostic measures for the diagnosis of Surgical Site Infection
2. Summarize results on the latest research relevant to the diagnosis and treatment of surgical infections
3. Illustrate the correct use of antimicrobials for empiric treatment of sepsis in surgical patients
4. Examine elements of Quality in Surgery
5. Recognize the current controversies in the diagnosis and treatment of surgical infections
6. Evaluate the use of antimicrobials for a set course in the treatment of surgical infections
7. Discuss recent developments in the study of cellular and molecular mechanisms in the pathogenesis of surgical infections

## **Commercial Support Acknowledgement**

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**SURGICAL INFECTION SOCIETY FORTIETH ANNUAL MEETING**  
**Denver, Colorado, April 17-20, 2020**

**Friday, April 17, 2020**

<b>12:00-6:00</b>	<b>Registration</b>	<b>Grand Ballroom Foyer</b>
<b>4:00 - 8:00</b>	<b>Council Meeting</b> <b>Nominating Committee met by Phone 2/20</b> <b>FREE NIGHT</b>	<b>Aspen</b>

**Saturday, April 18, 2020**

<b>7:00 - 8:00</b>	<b>Breakfast</b>	<b>Cottonwood Ballroom</b>
<b>7:30 - 8:00</b>	<b>Committee Meetings</b>	<b>Cottonwood Ballroom</b>

Audit	Manuel Lorenzo, MD, MBA
Awards	Peter A. Burke, MD
Bylaws & Special Projects	Chadi T. Abouassaly, MD
Fellowship	Lewis J. Kaplan, MD
Global	Jennifer L. Rickard, MD
Informatics	Jill Cherry, MD
Membership	Jeffrey Johnson, MD
Program	Heather Evans, MD, MS
Scientific Studies	Haytham Kaafarani, MD
Strategic Planning	Mayur Narayan, MD
Therapeutics & Guidelines	Jared M. Huston, MD

<b>7:00 - 7:45</b>	<b><i>Surgical Infections</i> Editorial Reception (By Invitation)</b>	<b>TBD</b>
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<b>8:00 - 9:15</b>	<b>Mini Oral Session I – Case Reports and Case Series</b> <i>Moderators: Donald E. Fry, MD and Vanessa P. Ho, MD</i>	<b>Alpine</b>
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**CR1.** Laparoscopic Drainage of a Primary Liver Abscess: the Hypermucoviscosity Phenotype of *Klebsiella pneumoniae*. Ellen Spartz presenting. University of Minnesota.

**CR2.** Lumbar and Sacral Brucellosis due to Queso Fresco Ingestion. Cassandra Krause presenting. Loma Linda University Health.

**CR3.** Video-Assisted Retroperitoneal Debridement: A Single Center Review. Kyle Pribyl presenting. University of Minnesota.

**CR4.** Outbreak of Carbapenemase-Producing Enterobacteriaceae in a Regional Burn Centre. Sarah Rehou presenting. Sunnybrook Health Sciences Centre.

**CR5.** Necrotizing Soft Tissue Infection Within 48 Hours Post-Scald Burn: A Rare Presentation. Lius Enrique Meza presenting. Sunnybrook Health Sciences Centre.

**CR6.** Redistribution of Nitric Oxide by Phospholipid Nanoparticles and Elevation of Refractory Hypotension in Septic Shock. Cuthbert Simpkins presenting. Vivacelle Bio, Inc.

**CR7.** A rare case of Burkholderia Cepacia infection in an immunocompetent patient following Pancreaticoduodenectomy. Gregory Stettler presenting. University of Colorado.

**CR8.** Ehrlichia muris-like Pathogen Infection in a Renal Transplant Recipient in the Setting of Trauma. Zac Novaczyk presenting. University of Minnesota.

**CR9.** A patient with sepsis, coma, limb and bowel gangrene and skin ulcers: a diagnostic and therapeutic challenge. Hugo Bonatti presenting. Meritus Health.

**8:00 - 9:15 Mini Oral Session I**

**Maple**

*Moderators: Christopher A. Guidry, MD and Jong Lee, MD*

**M41.** Epidemiology and outcomes of fournier's gangrene: a population-based analysis between 2008-2014. Samit Roy presenting. University of Minnesota. *Discussant: Arpana Jain, MD*

**M42.** Impact of Splenic Embolization Technique on Post-embolization Complications: A Single Institutional Review. Colleen Donahue presenting. Lahey Hospital and Medical Center. *Discussant: Amani D. Politano*

**M43.** Fluids and Scopes and Scalpels, Oh My! An 8-Year Retrospective Analysis of Patients with Pancreatitis. Nicholas Ingraham presenting. University of Minnesota. *Discussant: Nasim Ahmed, MD*

**M44.** Alcoholism and Infection Risk in the Intensive Care Unit. Kristen Colling presenting. Essentia Health - Saint Mary's Medical Center *Discussant: Sandy M. Swoboda, RN, MS*

**M45.** Chemical Dependency Evaluation During ICU Admission is Associated with Decreased 1 year Mortality. Kristen Colling presenting. Essentia Health - Saint Mary's Medical Center *Discussant: Tina L. Palmieri, MD*

**M46.** Gender disparity in medical comorbidity distribution that affect trauma related infectious outcomes. Amelia Gurley presenting. Rhode Island Hospital, Brown University. *Discussant: Caleb J Mentzer, DO*

**M47.** Innovation in Perioperative Skin Preparation: A Novel Approach Utilizing a Dual Antimicrobial Film Drape. Katherine Evely presenting. Covalon Technologies, LTD. *Discussant: Christopher A. Guidry, MD*

**M48.** Mortality and Discharge disposition: Characterizing the burden of NSTI in the United States. Adara McCarty presenting. The Ohio State University. *Discussant: Jong Lee, MD*

**M49.** A Retrospective Single-Center Case-Matched Review of Robotic Colorectal Surgery at a Safety-Net Hospital. Naila Dhanani presenting. University of Texas Health Science Center. *Discussant: Elizabeth Fox, MD*

- 9:25 – 9:30**    **Welcome to the Meeting**    **Grand Ballroom**  
*Greg Beilman, MD and Heather Evans, MD MS*
- 9:30 - 11:00**    **Year in Review**    **Grand Ballroom**  
*Moderator: Therese M. Duane, MD and Jeffrey M. Tessier, MD*
- 9:30–10:00**    **Clinical review** – Margaret Lauerman, MD
- 10:00-10:30**    **Translational review** – Joseph S. Fernandez-Moure, MD
- 10:30-10:45**    **Basic Science review** - Rondi Gelbard, MD PhD
- 10:45-11:00**    Discussion
- 11:00-12:30**    **Methods in Surgical Infections Research Session**    **Grand Ballroom**  
*Moderator: Daniel D. Yeh, MD*
- 11:00-11:30**    **Daniel D. Yeh, MD** - “How to sniff out a good study”
- 11:30-11:50**    **Gabrielle Hatton, MD** - “Why Bayes is the right kind of statistical approach to surgical decision making”
- 11:50-12:10**    **Saskya Byerly, MD** - “What is this “machine learning” and how do I trust data mining and artificial intelligence?”
- 12:10-12:30**    **Joseph F. Golob Jr., MD** - “What do you mean by implementation science?”
- 12:30-1:45**    **LUNCHEON SYMPOSIUM I**    **Cottonwood Ballroom**  
*(Industry-sponsored; not part of scientific program)*
- 1:45 - 2:45**    **Innovation Award Competition**    **Grand Ballroom**  
*Moderators: Peter A. Burke, MD, Todd W. Costantini, MD, Kamal M.F. Itani, MD, John C. Alverdy, MD and Ori D. Rotstein, MD*
- Haytham Kaafarani, MD (MGH)- Using Optimal Classification Trees to design and validate interpretable AI-based surgical risk calculators for non-trauma and trauma emergency surgery.*
- Thomas G. Weiser, MD (Stanford)- Expanding a surgical infection prevention program using a novel surgical headlight to increase provider engagement.*
- Anne Stey, MD (Northwestern)- Intra-abdominal Sepsis Source Control Intervention Timeliness and Interprofessional Communication.*
- 2:45 - 3:00**    **BREAK - Visit the Exhibits**    **Grand Ballroom Foyer**
- 3:00 – 5:40**    **Top Papers** (10 min presentation/8 minute discuss)  
**The Art and Science of Surgical Infections** (Papers 1-10)  
*Moderators: Greg Beilman, MD and Jeff Claridge, MD*

- 01.** Synthetic versus Biologic Mesh for Complex Open Ventral Hernia Repair: A Pilot Randomized Controlled Trial (NCT03091790). Oscar A. Olavarria (Resident Award) presenting. McGovern Medical School at UTHealth. *Discussant: Kamal M.F. Itani*
- 02.** Mechanism of *Bacteroides fragilis* modulating lymphocytes in a clinically applicable 3D-Intestinal Organoid sepsis model. Isabella Heffernan presenting. Bayview Academy. *Discussant: John Alverdy*
- 03.** Administration of diclofenac causes clinically severe anastomotic leakage in the rat distal colon independent of diet. Melissa Aaron presenting. Radboud University Medical Center Nijmegen. *Discussant: Ori Rotstein*
- 04.** Revisiting the Surgical Infection Society (SIS) Delphi: advancements and unanswered questions in surgical infections. Patrick Delaplain presenting. University of California, Irvine. *Discussant: Donald Fry*
- 05.** Dietary fat and fermentable fiber composition mitigate the effects of antibiotics and surgical stress on the microbiota. Robert Keskey presenting. University of Chicago. *Discussant: William Cheadle*
- ~~**06.** Are We Out of The Woods After Discharge? Nationwide Clostridium Difficile Infection Burden After Major Surgery. Arturo J. Rios Diaz presenting. Thomas Jefferson University. *Discussant:*~~
- 07.** Negative Pressure Wound Therapy With and Without Instillation in Necrotizing Soft Tissue Infections. Erin Andrade presenting. Washington University in St. Louis. *Discussant: Pamela Lipsett*
- 08.** Association Between Blood Transfusion and Infections in Trauma Patients: Further Evidence of a Dose-Dependent Effect. C Clare Charbonnet presenting. University Hospitals Cleveland Medical Center. *Discussant: Robert Sawyer*
- 09.** STING-dependent sensing of mtDNA initiated autophagy dysfunction drives sepsis-associated acute lung injury. Jie Wu presenting. Jinling Hospital, Medical School of Nanjing University. *Discussant: Michaela West*
- O10.** Prevalence and Prognostic Value of *Pseudomonas aeruginosa* Isolated from Intra-abdominal Infections. Patrick Knight presenting. Western Michigan University School of Medicine. *Discussant: John Mazuski*

**6:00 - 7:00** SIS Foundation Board Meeting (*By Invitation*)

Aspen

**7:00 - 10:00** President's Dinner – FSIS – All Welcome

Cottonwood Ballroom

**Sunday, April 19, 2020**

**7:00 - 8:00** BREAKFAST SYMPOSIUM  
(*Industry-sponsored; not part of scientific program*)

Cottonwood Ballroom

**8:00 - 9:15** SESSION II (Papers 11-15)(8min/7min discussion)

Grand Ballroom

Moderators: David P. Blake, MD and Ronald V. Maier, MD

**O11.** Antibiotic Combinations & Acute Kidney Injury in ICU Patients with Septic Shock. Eva Urrechaga presenting. University of Miami. *Discussant: Philip S. Barie*

**O12.** From Triage to the Operating Room: The Impact of Delay in Intervention on the Outcome of Appendicitis. Khaled Abdul Jawad presenting. University of Miami. *Discussant: John Davis*

**O13.** Long-term Outcomes of Infectious Complications in Geriatric Trauma Patients. Elinore Kaufman presenting. University of Pennsylvania. *Discussant: Rachel Khadaroo*

**O14.** Staphylococcal TSST-1 Activates Skin Cells via CD40: Implications for Superantigen-Mediated Burn Wound Pathophysiology. Saira Nisar presenting. MedStar Health Research Institute. *Discussant: Nicholas Namias*

**O15.** Impact of antimicrobial prophylaxis duration on surgical site infection in ENT and OMF surgeries. John Wolf presenting. Hartford HealthCare. *Discussant: Patchen Dellinger*

**9:15 - 10:00 BREAK - Visit the Exhibits** **Grand Ballroom Foyer**

**10:00-11:00 William A. Altemeier Memorial Lecture** **Grand Ballroom**

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Ewen M. Harrison, MB, ChB, MSc, PhD, FRCS  
Professor of Surgery and Data Science at the University of Edinburgh

**11:15-11:45 MCT Initiative** **Grand Ballroom**  
*Moderator: Haytham Kaafarani, MD*

***Fredric M. Pieracci, MD** - The Duration of Antibiotic Treatment for Early VAP (DATE) Trial.*

***April Mendoza, MD** - FUNgal coverage after Gastrointestinal Ulcer Surgery: The FUNGUS Trial.*

***Daniel D. Yeh, MD** - Restricted vs. Liberal Post-Operative Antibiotics for Simple and Complicated Appendicitis using Desirability of Outcome Ranking and Response.*

**12:00 - 1:15 LUNCHEON SYMPOSIUM II** **Cottonwood Ballroom**  
*(Industry-sponsored; not part of scientific program)*

**1:15 - 2:30 SESSION III (Papers 16-20)(8min/7min discussion)** **Grand Ballroom**  
*Moderators: Mark A. Malangoni, MD and Daithi Heffernan, MD*

**O16.** Prolonged Antibiotics For Common Bile Duct Stones Are Associated With Worse Outcomes: Post-hoc Analysis of an EAST MCT. Rondi Gelbard presenting. Emory University. *Discussant: Greg Beilman*

**O17.** Concordance/Discordance between Radiologist and Surgeon for Appendicitis Category and the Effect on Clinical Outcomes. Khaled Abdul Jawad presenting. University of Miami. *Discussant: Sabrina Sanchez*



**O18.** Missed Readmissions After Necrotizing Soft Tissue Infections: A National Analysis. Alessia Cioci presenting. University of Miami. *Discussant: Lillian Kao*

**O19.** Appendectomy vs. Non-operative Management of Appendicitis: A Post-Hoc Analysis of an EAST Multicenter Study. Dante Yeh presenting. University of Miami. *Discussant: Vanessa Ho*

**O20.** Diagnosing Necrotizing Soft Tissue Infections (NSTIs): Revisiting the Utility of the LRINEC Score. Manual Castillo-Angeles presenting. Brigham and Women's Hospital. *Discussant: Mike Liang*

**2:30 - 2:45**    **COFFEE BREAK - Visit the Exhibits**    **Grand Ballroom Foyer**

**2:45 - 3:45**    **Surgical Infection Society Presidential Address**    **Grand Ballroom**

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**Jeffrey A. Claridge, MD**  
MetroHealth Medical Center

**3:45 - 4:00**    **BREAK - Visit the Exhibits**    **Grand Ballroom Foyer**

**4:00 - 5:00**    **SESSION IV** (Papers 21-24)(8min/7min discuss)    **Grand Ballroom**  
*Moderators: Jeffrey S. Upperman, MD and Mayur Naryan, MD*

**O21.** Clostridium Difficile Infection is a Risk Factor for Long-term Mortality in an Emergency General Surgery Population. Samuel Ross presenting. Atrium Health. *Discussant: Manuel Lorenzo, MD*

**O22** Comparison of end colostomy versus primary anastomosis after emergent colectomy for sigmoid volvulus. Apostolos Gaitanidis presenting. Massachusetts General Hospital.  
*Discussant: Arpana Jain, MD*

**O23.** Prior Antibiotic Exposure and Outcomes After Elective Colorectal Surgery. Christopher Guidry presenting. University of Kansas Medical Center. *Discussant: Haytham Kaafarani, MD*

**O24.** To Culture or Not to Culture: Does Microbiology Affect Mortality After Intra-abdominal Infection? Laura Stearns presenting. Western Michigan University. *Discussant: Julie Valenzuela, MD*

**5:00 - 5:30**    **Annual Business Meeting (Members only)**    **Grand Ballroom**

**5:30 - 6:00**    **Council Meeting #2**    **Grand Ballroom**  
**FREE NIGHT**

**Monday, April 20, 2020**

**7:00 - 8:00**    **BREAKFAST SYMPOSIUM**    **Cottonwood Ballroom**  
*(Industry-sponsored; not part of scientific program)*

**8:00 - 9:45** **SESSION V** (Papers 25-31)(8min/7min discuss) **Grand Ballroom**  
*Moderators: Kevin P. Mollen, MD and Lillian Kao, MD*

**O25.** The steroid antagonist, RU486, upregulates a hyperactive human glucocorticoid receptor isoform. Melissa Grigsby presenting. University of California Davis Medical Center. *Discussant: Irshad H. Chaudry, PhD*

**O26.** Short Courses of Antibiotics are Safe in Necrotizing Soft Tissue Infections. Maria Valadez presenting. Harbor UCLA Medical Center. *Discussant: Laura Kreiner, MD*

**O27.** Age More Than 40 and Appendiceal Diameter More Than 10mm Predict Malignancy in Appendicitis: A Multicenter Study. Leon Naar presenting. Massachusetts General Hospital. *Discussant: Jeffrey Chipman, MD*

**O28.** Automated detection of Mesh infection and explantation after hernia surgery: a longitudinal Study in a National Cohort. Radwan Dipp Ramos presenting. VA Boston Healthcare System. *Discussant: Daithi Heffernan, MD*

**O29.** Revisiting the Role of Appendectomy in Perforated Appendicitis. Megan White presenting. UTMB – Galveston. *Discussant: Sebastian Schubl, MD*

**O30.** Can big data and machine learning predict infectious complications in trauma patients while they are still in the ED? Joseph Golob Jr. presenting. MetroHealth Medical Center. *Discussant: Gary An, MD*

**O31.** Prophylactic Closed-Incisional Negative Pressure Therapy in Spine Surgery: A Multicenter, Observational Study. Kyle Mueller presenting. Medstar Georgetown University Hospital. *Discussant: Andrew Stephen, MD*

**9:45 - 10:00** **BREAK–Visit the Exhibits** **Grand Ballroom Foyer**

**10:00-11:25** **SIS Update III: Delphi - Then & Now** **Grand Ballroom**  
*Moderators: Haytham Kaafarani, MD and Sebastian Schubl, MD*

**10:00-10:05** **Fredric M. Pieracci, MD – Then:** Introduction 2006 Delphi Studies

**10:05-10:15** **Philip S. Barie, MD -** Strict glyceimic control

**10:15-10:25** **Robert G. Sawyer, MD -** Fixed short-course IAI therapy

**10:25-10:35** **Ernest E. Moore, MD -** Empiric vs. withholding abx for VAP/IAI (do you wait for cultures)

**10:35-10:45** **Sebastian Schubl, MD – Now:** Introduction 2020 Delphi Studies

**10:45-10:55** **Vanessa P. Ho, MD, MPH -** Are there effective non-antimicrobial prevention strategies or treatments to treat or address resistance/colonization?

**10:55-11:05** **Laura Brown, MD, PhD -** Does standard duration of antibiotics for bacteremia (14 days) affect mortality and recurrent bacteremia vs. treatment until afebrile, no leukocytosis and repeat blood culture negative with minimum 7 days?

**11:05-11:15** **Habeeba S. Park, MD -** What is the optimal duration of antimicrobial therapy for NSTI?

**11:25-11:45 FELLOWSHIP & INNOVATION AWARD RECIPIENT PRESENTATIONS**  
*Moderators: Philip S. Barie, MD, MBA and Peter Burke, MD* **Grand Ballroom**

**Surgical Infection Research Innovation Award-2019**

Lillian S. Kao, MD  
LBJ General Hospital

**SIS Foundation Junior Faculty Basic Research Fellowship-2019**

Joseph Fernandez-Moure, MD  
University of Pennsylvania

**SIS Foundation Junior Faculty Clinical Research Fellowship-2019**

Margaret Lauerman, MD  
R Adams Cowley Shock Trauma Center

**SIS Foundation Junior Faculty Fellowship-2018-2020**

Jonathan Wisler, MD  
Ohio State University Medical Center

**11:45 - 1:00 LUNCHEON SYMPOSIUM III**  
*(Industry-sponsored; not part of scientific program)* **Cottonwood Ballroom**

**1:00 - 3:00 GLOBAL SYMPOSIUM** **Grand Ballroom**  
*Moderators: Jennifer L. Rickard, MD and Joseph S. Solomkin, MD*

**1:00-1:45 Dr. Nobhojit Roy, MD, PhD - Antimicrobial resistance in South Asia.**

**1:45-2:20 Allison Berndtson, MD and Andrew H. Stephen, MD - Pro/Con Debate (35 min: 10 min each, then 3 min rebuttal, 5 min questions)**

**2:20-2:35 Joseph D. Forrester, MD - Survey of national surgical site infection surveillance programs in low- or middle-income countries (15 min)**

**2:35-2:50 Mayur Naryan, MD and Jennifer Rickard, MD - Update on SIS-Pfizer study**

**3:00 - 3:15 COFFEE BREAK–Visit the Exhibits** **Grand Ballroom Foyer**

**3:15 - 5:15 Mini Oral Session II - Thoracic and GI Surgery** **Alpine**  
*Moderators: Amani Politano, MD and Rishi Rattan, MD*

**M1. Identifying Risk Factors for Pneumonia and Sepsis in Patients Undergoing Rib Fixation for Isolated Rib Fractures.** Alessia Cioci Presenting. University of Miami. *Discussant: Jose Diaz*

**M2. Early Tracheostomy Decreases Ventilator Associated Pneumonia in Geriatric Trauma Patients with Rib Fractures.** Christina X Zhang presenting. SUNY Downstate. *Discussant: Rishi Rattan*

**M3. Time to Decortication for Empyema Not Associated with Increased Mortality: A National Inpatient Sample Analysis.** Katelynn Bachman presenting. University Hospitals and Case Western Reserve School of Medicine. *Discussant: Caleb Mentzer*

**M4.** Randomized Trial of Fibrinolytic Therapy vs Video Assisted Thoracoscopic Surgical Decortication for Parapneumonic Effusion. Kiara Leasia presenting. University of Colorado - Denver. *Discussant: Amani D. Politano*

**M5.** Thoracic Drainage and Decortication in Trauma is Associated with Worse Outcomes and Exacerbated by Splenectomy. Brett Tracey presenting. Emory University. *Discussant: Christopher Towe, MD*

**M6.** Does Drains Placement in Surgically Managed Patients with Perforated Peptic Ulcers Prevent Intra-Abdominal Abscess? Jose A Aldana presenting. Washington University in St. Louis. *Discussant:*

**M7.** Epidemiology of Acute Gallbladder Disease: A 7-Year, Population-based Temporal Analysis of Morbidity and Mortality. Victor R. Vakayil presenting. University of Minnesota. *Discussant:*

**M8.** Risk of Mortality in Patients Infected With Clostridium Difficile Colitis and Underwent Colectomy. Robyn Guinto presenting. Jersey Shore University Medical Center. *Discussant:*

**M9.** The Role of Preoperative Bowel Preparation in Colectomy with Ostomy Creation: Analysis of the NSQIP Database. Richard Kalu presenting. Henry Ford Hospital. *Discussant:*

**M10.** Trends and outcomes of inpatient management of acute appendicitis, 2008-2014. Adam Sheka presenting. University of Minnesota. *Discussant:*

**3:15 - 5:15    Mini Oral Session II - Trauma and Critical Care** **Maple**  
*Moderators: Joseph Golob, MD and April Mendoza, MD*

**M11.** Outcome of Patients Managed with Rapid Source Control Laparotomy (RSCL) versus Primary Fascial Closure (PFC). Rachael Seddighzadeh presenting. HMH Palisades Medical Center. *Discussant: Joe Golob*

**M12.** Procalcitonin level is more indicative of trauma severity than infection in the acute recovery phase. Matthew Sussman presenting. University of Miami. *Discussant: April Mendoza*

**M13.** Risk of Mortality after Infection in Trauma Patients: Are Current Frailty Indices Meaningful? Laura Brown presenting. MetroHealth Medical Center. *Discussant: John Davis*

**M14.** Traumatic Brain Injury with Facial Fractures, an Added Risk for Ventilator Associated Pneumonia. Rohit Rasane presenting. Washington University in St. Louis. *Discussant: Greg Beilman*

**M15.** Short term vs. Long term Empiric Antibiotic treatment for open facial fractures. Is there a difference in Outcome? Melissa Canas presenting. Washington University in St. Louis. *Discussant: Don Fry*

**M16.** Surgeons Are Unreliable Predicting Organ Space Surgical Site Infection Risk for Trauma Laparotomy: A Prospective Study. Gabrielle Hatton presenting. UT Health. *Discussant: Haytham Kaafarani*

**M17.** Reduction of unplanned (surgical infection related) ICU admissions with introduction of continuous vital sign monitoring. Yassin Eddahchouri presenting. Radboud University Medical Center. *Discussant:*

**M18.** Predicting Sepsis Within Four Hours of Admission to a Surgical Intensive Care Unit. Andrew Young presenting. University of Pennsylvania. *Discussant: Rondi Gelbard*

**M19.** Is Bloodstream Infection and Epiphenomenon in Surgical Patients? Joslyn Jose presenting. Western Michigan University. *Discussant: Chris Guidry*

**M20.** Emergency General Surgery Patients with Gram Negative Bacteremia Associated Venous Thromboembolism Have Worse Outcome. Javier Rincon presenting. Washington University in St. Louis. *Discussant:*

**M21.** Early vs. Delayed Foley Catheter Removal after Pelvic Surgery: Effect on UTI and Hospital LOS. Emre Gorgun presenting. Cleveland Clinic. *Discussant: Manny Lorenzo*

**3:15 - 5:15** **Mini Oral Session II - Soft tissue infections and SSI** **Elm**  
*Moderators: ??? and Laura Kreiner, MD*

**M22.** Does Anti-Fungal Therapy in Fungal Necrotizing Soft Tissue Infection Improve Outcomes? Ricardo Fonseca presenting. Washington University in St. Louis. *Discussant: Laura Kreiner*

**M23.** Clustering of Positive Fungal Cultures in Burn Patients. Alison Monahan presenting. University of Colorado Hospital. *Discussant: Jeff Shupp*

**M24.** Patterns of Use and Factors Associated with Sustained Prescription Opioid Use After Necrotizing Soft Tissue Infections. Manuel Castillo-Angeles presenting. Brigham and Women's Hospital. *Discussant:*

**M25.** Use of Broad-Spectrum Antibiotics and Sepsis-3 Criteria in Burns. Luis Enrique Meza presenting. Sunnybrook Health Sciences Centre. *Discussant:*

**M26.** Mortality of Necrotizing Fasciitis - Effects of Patient, Insurance and Hospital Factors. Allison Berndtson presenting. UC San Diego. *Discussant: Leo Andrew Benedict*

**M27.** Organ dysfunction resolution by Day 14 strongly predicts long-term survival in necrotizing soft tissue infection. Addison May presenting. Atrium Health. *Discussant: Sebastian Schubl*

**M28.** Initial experience with a standardized wound management pathway for long spinal constructs: The Peyote Protocol. Kyle Mueller presenting. Medstar Georgetown University Hospital. *Discussant:*

**M29.** Is Intraoperative Hypothermia Associated with Increased Risk of Surgical Site Infection? Kyle Pribyl presenting. University of Minnesota. *Discussant: Allison Berndtson*

**M30.** Socioeconomic well-being predicts mortality in necrotizing soft tissue infection. Michael Villarreal presenting. The Ohio State University. *Discussant: Addison May*

**M31.** Using Perioperative Jackets: Does it Decrease Surgical Site Infections? Kyle Pribyl presenting. University of Minnesota. *Discussant: Carolyn Twomey*

**3:15 - 5:15 Mini Oral Session II - Special populations**

**Ash**

*Moderators: Christopher Guidry, MD and Margaret Lauerman, MD*

**M32.** The Impact of Elder-friendly Care on Infection and Delirium following Acute Care Surgery. Rachel Khadaroo presenting. University of Alberta. *Discussant: Chadi Abouassaly*

**M33.** Pediatric Surgical Coverage is Associated with Increased Costs in the Operative Management of Uncomplicated Appendicitis. Nicholas Bandy presenting. Eastern Virginia Medical School. *Discussant: Kevin Mollen*

**M34.** Gender Disparities in the Operative Management of Complicated Diverticulitis. Laura Godat presenting. UC San Diego School of Medicine. *Discussant: Karla Bernardi*

**M35.** Association of Patient Frailty With Surgical Site Infections After Intestinal Surgery for Crohn's Disease. Wenbin Gong presenting. Jinling Hospital. *Discussant: Chris Guidry*

**M36.** Ventral Hernia Repair in Immunocompromised Patients. Mahsa Shariat presenting. Brigham and Women's Hospital. *Discussant: Margaret Lauerman*

**M37.** Predictors of Pathologic Non-Occlusive Mesenteric Ischemia. Mahsa Shariat presenting. Brigham and Women's Hospital. *Discussant: George Maish*

**M38.** Outcomes of patients undergoing enterocutaneous fistula repair. Matthias Christensen presenting. Massachusetts General Hospital. *Discussant: Caleb Mentzer*

**M39.** Current Practice of Acute appendicitis Diagnosis and management in China. Qinjie Liu presenting. Medical school of Nanjing university. *Discussant: Cindy Crosby*

**M40.** Community versus Hospital acquired Infections in Rwandan Acute Care Surgery Patients. Christophe Mpirimbanyi presenting. Kibungo Referral Hospital/ Rwanda Ministry of Health. *Discussant: Julie Valenzuela*

**M41.** Adapting Assessment Tools for Use in Lower Level Facilities in Low- and Middle-Income Countries. Chandler Hinson presenting. University of London. *Discussant: Jenn Rickard*

**6:00 - 8:00 Awards Banquet**

**Cottonwood Ballroom**

**8:00 ADJOURNMENT**