

PROGRAM

Forty Second Annual Meeting of the Surgical Infection Society



**Westlake Village, CA
April 11-14, 2023**

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of American College of Surgeons and Surgical Infection Society. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

AMA PRA Category 1 Credits™

The American College of Surgeons designates this live activity for a maximum of **12.5 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above, a maximum of **12.5** meet the requirements for Self-Assessment.



AMERICAN COLLEGE OF SURGEONS
DIVISION OF EDUCATION

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. Apply the correct treatment paradigm for the treatment of appendicitis
3. Summarize results on the latest research relevant to the diagnosis and treatment of surgical infections
4. Illustrate the correct use of antimicrobials for empiric treatment of sepsis in surgical patients
5. Examine elements of Quality in Surgery
6. Explain the best technique for bowel prep
7. Recognize the current controversies in the diagnosis and treatment of surgical infections
8. Evaluate the use of antimicrobials for a set course in the treatment of surgical infections
9. Discuss recent developments in the study of cellular and molecular mechanisms in the pathogenesis of surgical infections

Disclosure Information

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity (planners and speakers/authors/discussants/moderators) has disclosed all financial relationships with any commercial interest (termed by the ACCME as “ineligible companies”, defined below) held in the last 24 months (see below for definitions). Please note that first authors were required to collect and submit disclosure information on behalf all other authors/contributors, if applicable.

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*Please see the insert to this program for the complete disclosure list.

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ECRI

SURGICAL INFECTION SOCIETY FORTY-SECOND ANNUAL MEETING
Westlake Village, California, April 11-14, 2023

Tuesday, April 11, 2023

12:00-06:00	Registration		Newport
12:00-04:00	Committee Meetings		
12:00-01:00	By-Laws and Special Projects	Julie Valenzuela, MD	Sherwood
12:00-01:00	Informatics	Fredric M. Pieracci, MD	Ventura
03:00-04:00	Scientific Studies	Sebastian D. Schubl, MD / Rondi Gelbard, MD	Sherwood
03:00-04:00	Global Health	Jennifer L. Rickard, MD	Ventura
02:00-04:00	Council Meeting		Boardroom
	Nominating Committee		Phone 2/23
07:00-09:00	President's Dinner (By invitation)		Ballroom A&E

Wednesday, April 12, 2023

06:15-07:15	Welcome Breakfast		Ballroom A&E
	<i>Speaker: Vanessa P. Ho, MD and Manuel Lorenzo, MD</i>		
07:15-07:30	Welcome to the Meeting		Ballroom BCD
	<i>Speakers: David P. Blake, MD, MPH, FACS, DMCC and Daithi S. Heffernan, MD, AFRC SI</i>		
07:30-12:30	Surgical Infection Update Symposium I - FSIS		Ballroom BCD
	<i>Moderator: Lillian Kao, MD</i>		
07:30-08:30	“Is Resistance Futile? Review and Updates on Bacterial Resistance” - Philip S. Barie, MD		
08:30-09:15	DEBATE – “Vancomycin is suitable for routine antibiotic prophylaxis” <i>Moderator: Joseph D. Forrester, MD</i>		
	Pro: Patrick McGonagill, MD- Rebuttal - Addison K. May, MD		
	Con: Kristin P. Colling, MD – Rebuttal - John E. Mazuski, MD, PhD		
09:30-11:15	Duration of Antibiotic Therapy <i>Moderator: April Mendoza, MD</i>		
09:30-10:00	“Is Less More? Evidence for Shorter Duration Antibiotic Therapy for Surgical Infections Beyond STOP-IT” - Robert G. Sawyer, MD		
10:00-10:30	“Did We STOP-IT? Variation in Current Antibiotic Duration Prescribing Amongst Surgeons” - Patrick Delaplain, MD		
10:30-11:00	“Mission Impossible? Changing Surgeon Antibiotic Prescribing Practices” - Margaret Lauerman, MD		
11:00-11:15	Q&A		
11:30-12:30	Year in Review - Rondi Gelbard, MD		

- 12:30-01:30 Lunch - La Jolla Pharmaceutical Company** **Ballroom A&E**
(Industry-sponsored; not part of scientific program)
- 01:30-05:00 Plenary Session I – Top 10 Papers (10min/10min discuss)** **Ballroom BCD**
The Art and Science of Surgical Infections
All Papers in this session are Susman Award Eligible
Moderators: David P. Blake, MD, MPH, FACS, DMCC and Jeffrey S. Upperman, MD
- O1.** Fibrinolysis Resistance Following Injury is a Risk Factor for Subsequent Intensive Care Unit Pneumonia. Ivan Rodriguez presenting. (Resident Award) University of Colorado School of Medicine. *Discussant: Nicholas Namias, MD*
- O2.** Postoperative antibiotic practices and surgical site infections in twenty low- and middle-income country hospitals. Alex Zhuang presenting. Boston University Chobanian and Avedisian School of Medicine. *Discussant: Gregory J. Beilman, MD*
- O3.** Area Deprivation Index (ADI) Predicts Increased 90-day Mortality in Critically Ill Patients with Sepsis. Whitney Kellett presenting. (Resident Award, Sawyer Award) The Ohio State Wexner Medical Center. *Discussant: Ori D. Rotstein, MD*
- O4.** Risk of Adverse Surgical Outcomes in Patients with Recent Covid-19 Infection: An Emulated Target Trial. William O'Brien presenting. VA Boston Healthcare System. *Discussant: David R. Tribble, M.D., Dr.P.H.*
- O5.** A Self-Sustaining Antibiotic Prophylaxis Program to Reduce Surgical Site Infections. Eli Mlaver presenting. (Resident Award, Sawyer Award, New Member Award) Emory University. *Discussant: William G. Cheadle, MD*
- 03:15-3:30 BREAK-Visit the Exhibits**
- O6.** ER to OR Pathway for Patients with Acute Appendicitis and Acute Cholecystitis: Outpatient Emergency General Surgery. Husayn Ladhani presenting. (Resident Award, New Member Award) DenverHealth Medical Center. *Discussant: Jeffrey A. Claridge, MD*
- O7.** Disparities in Complicated and Uncomplicated Diverticulitis Management. Andrew Tran presenting. MetroHealth Medical Center. *Discussant: Philip S. Barie, MD*
- O8.** Does Oral Health a Day Keep the Infection Away? Chelsea Guy-Frank presenting. (Resident Award) UTHealth Houston, McGovern Medical School. *Discussant: Donald E. Fry, MD*
- O9.** The hyperinflammatory state: increasing proclivity to develop necrotizing enterocolitis. Katherine Snyder presenting. (Resident Award) Oklahoma University Health Sciences Center. *Discussant: Jeffrey S. Upperman, MD*
- O10.** Reported Practice Patterns Vary for the Management of Suspected Incisional Surgical Site Infection. Patrick Delaplain presenting. Boston Children's Hospital. *Discussant: John E. Mazuski, MD, PhD*
- 05:00-06:00 SIS Foundation Board Meeting (By Invitation)** **Boardroom**
07:00-09:00 Welcome Reception **Waterfall Lawn**

Thursday, April 13, 2023

06:30-07:30 Breakfast - Fellowship Award Recipient Presentations

Ballroom A&E

Moderators: Philip S. Barie, MD, MBA and Laura Kreiner, MD

SIS Foundation Junior Faculty Basic Research Fellowship-2019

Joseph S. Fernandez-Moure MD MS

Duke University Medical Center

SIS Foundation Junior Faculty Clinical Research Fellowship-2019

Margaret Lauerman, MD

R Adams Cowley Shock Trauma Center

SIS Foundation Junior Faculty Clinical Research Fellowship-2021

Joseph D. Forrester, MD

Stanford University

SIS Foundation Junior Faculty Basic Research Fellowship-2022

Adil Akkouch, MS, PhD

Western Michigan University Homer Stryker

SIS Foundation Junior Faculty Clinical Research Fellowship-2022

Irving Zamora, MD

Vanderbilt Children's Hospital

07:30-09:00 Scientific Session II (Papers 11-16) (8min/7min discuss)

Ballroom BCD

Moderators: Laura Brown, MD, PhD and Amanda Yang, MD

O11. Provider Perceptions of Antibiotic Initiation Strategies for Hospital Acquired Pneumonia. Aubrey Swilling presenting. (Resident Award) University of Kansas Medical Center. *Discussant: Addison K. May, MD*

O12. Impact of a Multiplex PCR Assay for Rapid Diagnosis of Pneumonia on Antibiotic Use in Trauma ICU Patients. Danielle Detelich presenting. Wake Forest Baptist Health. *Discussant: April Mendoza, MD*

O13. Neonatal SOFA Scores Predict Mortality in Infants with Necrotizing Enterocolitis and Spontaneous Intestinal Perforation. Marshall Wallace presenting. Vanderbilt University Medical Center. *Discussant: Catherine J. Hunter, MD*

O14. Open versus Laparoscopic Appendectomy: A post hoc analysis of the EAST Appendicitis MUSTANG Study. Lauren Thompson presenting. University of Miami. *Discussant: Arpana Jain, MD*

O15. Characterizing the crosstalk between programmed cell death pathways in cytokine storm with an agent-based model. Solomon Feuerwerker presenting. (Resident Award) University of Vermont. *Discussant: Matthew R. Rosengart, MD*

O16. Choice of Machine Learning Models is critical to detecting subconscious racial bias in surgical infections. Addison Heffernan presenting. Brown University. *Discussant: Robert G. Sawyer, MD*

09:15-10:00 Military and Austere Environment Session

Ballroom BCD

Speaker: David Tribble, M.D., Dr.P.H.

09:15-09:30 Evaluation of Antibiotic Stewardship Programs in India Through a Pilot Needs Assessment Model. Abhinay Tumati presenting. (Resident Award, Sawyer Award, New Member Award) Weill Cornell Medicine. *Discussant: David Tribble, M.D., Dr.P.H.*

09:30-10:00 “After the Battlefield – Infectious Complications among Wounded Warriors” - David Tribble, M.D., Dr.P.H

10:00-10:15 **BREAK-Visit the Exhibits**

10:15-11:45 **Scientific Session III** (Papers 17-22) (8min/7min discuss) **Ballroom BCD**
Moderators: William G. Cheadle, MD and Lauren Moffatt, PhD

O17. Influence of Insurance Status on Disease Severity and Risk Measures in Acute Care Surgery. Isaac Sears presenting. Brown University. *Discussant: Patrick Jon O'Neill, PhD, MD*

O18. A Novel Scavenging Peptide, MOP3, Attenuates Inflammation in Sepsis. Colleen Nofi presenting. (Resident Award) The Feinstein Institutes for Medical Research. *Discussant: Daithi S. Heffernan, MD*

O19. Hot Patient? Stay Cool. Mikayla Moody presenting. Western Michigan University. *Discussant: Christopher A. Guidry, MD*

O20. Still Using the P-value, Stop It! A Bayesian Analysis of the STOP-IT Trial. James Klugh presenting. (Resident Award) McGovern Medical School. *Discussant: Heather L. Evans, MD*

O21. Oxidative injury leads to lipid radical accumulation in a human necrotizing enterocolitis enteroid model. Alena Golubkova presenting. (Resident Award) University of Oklahoma Health Sciences Center. *Discussant: Irving Zamora, MD*

O22. Sirt3 Deletion Promotes Inflammation and Mortality in Polymicrobial Sepsis. Hanna Labiner presenting. The Ohio State University Wexner Medical Center. *Discussant: Todd W. Costantini, MD*

12:00-01:15 **Luncheon Symposium II – Crely, Inc.** **Ballroom A&E**
(Industry-sponsored; not part of scientific program)

01:30-03:00 **Scientific Session IV** (Papers 23-28) (8min/7min discuss) **Ballroom BCD**
Moderators: Allison Berndtson, MD and Catherine J. Hunter, MD

O23. Impact of disability on postoperative infectious complications. Wardah Rafaqat presenting. Massachusetts General Hospital. *Discussant: Michaela A. West, MD, PhD*

O24. Frailty and Operative versus Nonoperative Mortality in Common Emergency General Surgery Conditions. Caleb W. Curry presenting. Case Western Reserve University School of Medicine. *Discussant: Amani D. Politano, MD*

O25. Variations in Incision Management Based on Surgical Scenarios. Jeffrey Santos presenting. University of California, Irvine. *Discussant: Kamal M.F. Itani, MD*

O26. Narrowing the Gap: Preclinical Trauma/Sepsis model with Increased Clinical Relevance. Jennifer Munley presenting. (Resident Award) University of Florida. *Discussant: Jessica Weaver, MD, PhD*

O27. The Burden of Income Disparity and Behavioral Factors on Infectious Complications in Emergency General Surgery. Emanuele Lagazzi presenting. Massachusetts General Hospital. *Discussant: Julie Valenzuela, MD*

O28. Intraabdominal Polymicrobial Sepsis Suppresses Interferon Responses in Immune Cells. Haotong Zhang presenting. University of Pittsburgh. *Discussant: Charles H. Cook, MD*

SIS 2023

03:00-03:15 BREAK-Visit the Exhibits

03:15-04:15 Surgical Infection Society Presidential Address **Ballroom BCD**
“HIStory: From Petri dish to Preparation for Complex Impact”
Jeffrey S. Upperman, MD, FAAP, FACS
Professor and Chair, Department of Pediatric Surgery
Vanderbilt Children's Hospital

04:15-05:00 Annual Business Meeting (*Members only*) **Ballroom BCD**
Free Night

Friday, April 14, 2023

06:30-07:30 Breakfast – Case Reports **Ballroom A&E**
Moderators: Daithi S. Heffernan, MD, AFRCSI, Kemal Rasa, MD and Vanita Ahuja, MD

CR1. Abdominal Tuberculosis. Nathan Gish presenting. UPMC Mercy.

CR2. Clostridioides difficile masked as a large bowel obstruction. Garnet Vanterpool presenting. Ross University School of Medicine.

CR3. Heterotopic Mesenteric Ossification (HMO): A Rare Complication of Tertiary Peritonitis Following Penetrating Trauma. Caitlin Egan presenting. (Resident Award) Weill Cornell Medicine.

CR4. Management of surgical site infection after percutaneous tracheostomy. Declan Feery presenting. UNLV School of Medicine.

CR5. Association Between Bariatric Surgery and Gallbladder Hyperkinesis: A Case Report and Review of Management Strategies. Shaniah Holder presenting. West Suburban Medical Center.

CR6. Sacral Decubitus Ulcer as an Unusual Presentation of a Necrotizing Soft Tissue Infection. Vishal Patel presenting. HCA Westside.

CR7. Acute Perforation of a Prior Small Bowel Anastomosis Secondary to CMV Enteritis in a Newly-Diagnosed AIDS Patient. Brian Diskin presenting. NYU Langone.

07:30-09:00 Scientific Session V (Papers 29-34) (8min/7min discuss) **Ballroom BCD**
Moderators: Jared M. Huston, MD and Jennifer L. Rickard, MD

O29. Ludwig’s Angina: Higher Incidence and Worse Outcomes Associated with the Onset of the COVID-19 Pandemic. Melissa Canas presenting. Washington University in St Louis. *Discussant: Brett Tracy, MD*

O30. Open or closed? Management of skin incisions after emergent general surgery laparotomies. Brett Tracy presenting. The Ohio State University Wexner Medical Center. *Discussant: Therese M. Duane, MD*

O31. ROCK Inhibition attenuates pro-apoptotic factors associated with Necrotizing Enterocolitis. Tyler Leiva presenting. (Resident Award) University of Oklahoma. *Discussant: Kevin P. Mollen, MD*

O32. The Impact of Surgical Infections on Readmission After Trauma in Geriatric Patients. Manuel Castillo-Angeles presenting. (Resident Award, Sawyer Award) Brigham and Women's Hospital. *Discussant: Vanessa P. Ho, MD*

O33. Surgical Site Infections after Cholecystectomy in the Acute Care Surgery Era. Abigail Raiter presenting. University of Minnesota Medical School. *Discussant: Amanda Yang, MD*

O34. Social determinants of health associated with urgent versus elective cholecystectomy. Sara Myers presenting. (Resident Award) Boston University School of Medicine. *Discussant: Leo Andrew Benedict, MD*

09:15-10:00 **William A. Altemeier Memorial Lecturer** **Ballroom BCD**
"Be Infectious. Leadership in an era of Plagues, Politics, and Public Health."
Scott Giberson, RPh, MPH, D.Sc.

10:00-10:15 **Break-Visit the Exhibits**

10:15-12:15 **Scientific Session VI** (Papers 35-40) (8min/7min discuss) **Ballroom BCD**
Moderators: Leo Andrew Benedict, MD and Amani D. Politano, MD

O35. Short versus Long Antibiotic Duration for Necrotizing Soft Tissue Infection: A Systematic Review and Meta-Analysis. Nicole Lyons presenting. (Resident Award) University of Miami Miller School of Medicine. *Discussant: Patricia Martinez Quinones, MD*

O36. Gastric Perforation in Temporary Abdominal Closure as a Predictor of Fungal Intra-abdominal Infection in Trauma Patients. Leonardo Diaz presenting. Washington University in St Louis. *Discussant: Lillian S. Kao, MD*

O37. The impact of preoperative chlorhexidine baths on outcomes in pediatric patients undergoing adnexal surgery. Javier Valdes presenting. (Resident Award) Florida International University. *Discussant: Carolyn L. Twomey, BSN*

O38. Identification of Risk Factors for Intra-Abdominal Candidiasis. James Sanders presenting. UT Southwestern. *Discussant: Robel T. Beyene, MD*

O39. Breathomics and the Use of Exhaled Volatile Organic Compounds to Detect COVID-19. Kristiana Sather presenting. (Resident Award) University of Minnesota. *Discussant: Vanita Ahuja, MD*

O40. Meta-analysis of hemodynamic goal directed fluid therapy during surgery on the prevention of surgical-site infection. Hasti Jalalzadeh presenting. Amsterdam UMC. *Discussant: Allison Berndtson, MD*

12:30-01:30 **Lunch - On Your Own** **Ballroom A&E**

01:30-02:15 **Pro/Con Debate** **Ballroom BCD**
Moderators: Matthew R. Rosengart, MD and Fredric M. Pieracci, MD

02:15-03:15 **Burn Update 2023** **Ballroom BCD**
Moderator: Marc G. Jeschke, MD, PhD

02:15-02:30 Occurrence of Clostridium Difficile Enterocolitis in Burn Victims Relative to Total Body Surface Area of Injury. Caroline Corley presenting. Medical University of South Carolina. *Discussant: Laura N. Haines, MD*

02:30-02:40 “Single Cell and Proteomic” – Isaiah R. Turnbull, MD, PhD
02:40-02:50 “Modeling in Burn and Sepsis and Cytokines” – Gary C. An, MD
02:50-03:00 “Best Work Forward Wound Care” – Jeffrey W. Shupp, MD
03:00-03:10 “Biomarkers and Sepsis” – Marc G. Jeschke, MD, PhD
03:10-03:15 **Q&A**

03:15-03:30 **Break -Visit the Exhibits**

03:30-04:30 **Mini Oral Session I** **Sherwood**
Moderators: Patricia Martinez Quinones, MD and Amy A. McDonald, MD

MO1. Trajectories in survivors and non-survivors differ in adult and older adult burn patients. Marc Jeschke presenting. Hamilton Health Sciences Centre.

MO2. Fever workups in a surgical ICU: an opportunity for diagnostic stewardship. Candice Preslaski presenting. Denver Health Medical Center.

MO3. Wound Irrigation for the Prevention of Surgical Site Infections: Systematic Review and Network Meta-Analysis. Nathan Bontekoning presenting. Amsterdam UMC.

MO4. VBI-S for the Treatment of Hypotension in Septic Shock. Manasa Gadiraju presenting. (Resident Award, Sawyer Award, New Member Award) UMKC School of Medicine.

MO5. Critical Illness Leads to More Extensive Fever Work-up, but Consensus is Lacking. Patrick Delaplain presenting. Boston Children's Hospital.

MO6. Time to Abdominal Percutaneous Drain Placement is Not Associated with Complication. Jacob O'Dell presenting. (Resident Award) University of Kansas Medical Center.

MO7. The Pathobiome and Immunologic Function Following Blunt Splenic Injury: The Bad and the Good! Samuel Coster presenting. (Resident Award, Sawyer Award, New Member Award) Western Michigan University Homer Stryker M.D School of Medicine.

MO8. A review of invasive fungal infections in a single center burn ICU. Naomi Hauser presenting. UC Davis Health.

MO9. Sequential Mapping of the Post-Lung Transplant Metabolome: A Metabolomic Survey of the Respiratory Microbiome. Callie Winters presenting. University of Chicago.

MO10. Comparing Patient Characteristics and Mortality of Gram-Negative versus Gram-Positive Ventilator-Associated Pneumonia. Williams Wames presenting. (Resident Award) Western Michigan University Homer Stryker M.D School of Medicine.

03:30-04:30 **Mini Oral Session II** **Ventura**
Moderators: Christopher A. Guidry, MD and Kristin P. Colling, MD

MO11. Evaluation of Vaccine Administration for Post-Splenectomy Patients Following Trauma. Sara Parli presenting. University of Kentucky.

MO12. Racial Disparities in Management of Diverticulitis: Examining Elective and Nonelective Admissions. Andrew Tran presenting. (Resident Award) MetroHealth Medical Center.

MO13. CLABSI Reduction in the SICU. Michael Dix presenting. Henry Ford Hospital.

MO14. Blood Product Components and Nosocomial Infection Risk in Trauma Patients: A Retrospective Study Using the NTDB. Jacob O'Dell presenting. KU Medical Center.

MO15. A marked difference in cost of care exist across races for patients admitted with diverticulitis. Shih-Dun Liu presenting. Brown University.

MO16. Factors Associated with Increased Parkland Grading Scale for Cholecystitis in Urgent Cholecystectomies. Abigail Raiter presenting. University of Minnesota Medical School.

MO17. Investigating the Rates of Pneumonia after Bronchoalveolar Lavage in Inhalation Injuries. Derek Riffert presenting. (Sawyer Award) Vanderbilt University Medical Center.

MO18. A comparison of Surgical Infection Society (SIS) vs Internationals surgical site infection (SSI) prevention Guidelines. Radwan Dipp Ramos presenting. (Resident Award, Sawyer Award) Valley Health Systems, Nevada.

MO19. Disadvantaged Neighborhoods are a Risk Factor for Hospital-Acquired Infections. Camden Gardner presenting. Henry Ford Health System.

MO20. The association of Social Determinants of Health and Necrotizing Fasciitis. Jennifer Hubbard presenting. (Resident Award) Brown University.

04:30-05:30 Mini Oral Session III

Sherwood

Moderators: Joseph D. Forrester, MD and Julie Valenzuela, MD

MO21. Characterization of Early and Late Deaths for Surgical Patients with Sepsis. Anahita Jalilvand presenting. (Resident Award) The Ohio State University.

MO22. A Meta-Analysis Investigating Incisional Negative Pressure Wound Therapy for the Prevention of Surgical Site Infection. Hannah Groenen presenting. Amsterdam UMC.

MO23. Trends in Gender Disparities in Outcomes Among Adult Burn Victims. Savannah Skidmore presenting. Medical University of South Carolina.

MO24. Does Negative Pressure Wound Therapy Impact the Outcome of NSTI patients Infected with Anaerobic Bacteria? Hussain Afzal presenting. (Resident Award, Sawyer Award) Washington University in Saint Louis.

MO25. Smoking is Associated with a Higher Risk of Surgical Site Infection after Lower Extremity Fasciotomy. Alejandro De Filippis presenting. Washington University in St. Louis.

MO26. Outcomes of Oral Ibrexafungerp in Subjects with Intraabdominal Candidiasis from a Phase 3 Study (FURI). David Kriesel presenting. SCYNEXIS, Inc.

MO27. The Burden and Risk Factors of Postoperative *C. difficile* Infection in Surgical Patients in the US: The Hospital Effect. Wardah Rafaqat presenting. (Resident Award) Massachusetts General Hospital.

MO28. Incidence of Bloodstream Infection with the Use of Parental Nutrition. Alexandra Wiegand presenting. UK HealthCare.

MO29. Anemia Recovery After Lung Contusion, Hemorrhagic Shock and Chronic Stress is Sex-Specific. Gwendolyn Gillies presenting. (Sawyer Award, New Member Award) University of Florida.

MO30. Use of VV-ECMO in Patients with ARDS due to fungal pneumonia. Bridget Dillon presenting. University of Minnesota Medical School.

04:30-05:30 Mini Oral Session IV

Ventura

Moderators: Mark Hoofnagle, MD, PhD and Manuel Lorenzo, MD

MO31. Modified Frailty Index 5 (mFI-5) Score as a Predictive Tool for Post-traumatic Empyema in Geriatric Trauma Patients. Ricardo Fonseca presenting. Washington University in St. Louis.

MO32. Considerable variations exists in SSI incidence by WHO geographic regions. June Kim presenting. (Resident Award) Valley Health Systems, Nevada.

MO33. Changes in Serum Bicarbonate Level as a Predictor of Mortality in Surgical Intensive Care Patients. Andrew Tran presenting. (Resident Award) MetroHealth Medical Center.

MO34. Use of Antibiotics in Reconstruction with Sternal Rigid Plate Fixation. Alexandra Blake presenting. (New Member Award) Dominion Plastic Surgery.

MO35. Spinal Epidural Abscess Patient Follow-Up: Another Critical Treatment Plan Consideration. Rhett MacNeille presenting. Loma Linda University.

~~**MO36.** Photo-crosslinking double-modified silk fibroin-gelatin hydrogel for open abdominal wound healing. Ye Liu presenting. Nanjing General Hospital of Nanjing.~~

MO37. Alternation in acyl proteome after burn injury. Marc Jeschke presenting. Hamilton Health Sciences Centre.

MO38. Prolonged intraarterial catheter therapy for diabetic gangrene of the lower limb. Alisher Okhunov presenting. Tashkent Medical Academy.

MO39. Prediction and prevention of sepsis in patients with necrotizing fasciitis on the background of diabetes mellitus. Alisher Okhunov presenting. Tashkent Medical Academy.

MO40. Decrease Wound Dehiscence with Closed-Suction Drains: A Single Facilities Experience in An Overweight Patient Population. Chandler Hinson presenting. University of South Alabama.

06:30-08:30 Awards Banquet

Ballroom A&E

08:30 Adjournment