

SOCIETY OF CRITICAL CARE ANESTHESIOLOGISTS

ANNUAL MEETING

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SOCIETY OF CRITICAL CARE ANESTHESIOLOGISTS

ANNUAL MEETING

Friday, May 14, 2021

Education Session I: Leadership beyond the Bedside in the ICU - the Leadership Shadow You Cast

10:10 am – 11:20 am

Moderators: *Megan Anders, MD, University of Maryland School of Medicine, Baltimore, MD* and *Christina Hayhurst, MD, Vanderbilt University Medical Center, Nashville, TN*

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| 10:10 am – 10:30 am | Your Leadership Shadow in the Institution - Do You Understand Your Sphere of Influence? <i>Liza Weavind, MBBCh, FCCM, MMHC</i> <i>Vanderbilt University Medical Center, Nashville, TN</i> |
| 10:30 am – 10:50 am | Navigating Leadership While Under-Represented in Medicine: Battling Imposter Syndrome and Staying True to Yourself <i>Meghan Lane-Fall, MD, MSHP</i> <i>Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA</i> |
| 10:50 am – 11:10 am | Leading in Our Societies and Advocating for the Next Generation of Intensivists <i>Sheela Pai Cole, MD</i> <i>Stanford University School of Medicine, Stanford, CA</i> |
| 11:10 am – 11:20 am | Moderated Panel Discussion and Q&A |

Break

11:20 am – 11:30 am

Oral Scientific Abstract Session I

11:30 am – 12:30 pm

Oral Abstract Session Concurrent 1: Basic Science Session 1: Neuroscience

Moderator: *Robert Stevens, MD, FCCM, Johns Hopkins University, Baltimore, MD*

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| 11:30 am – 11:35 am | Reduction in Cerebral Blood Flow During Aeromedical Evacuation-Relevant Hypobaric Following Rat Traumatic Brain Injury <i>Gary Fiskum, Ph.D</i> <i>University of Maryland School of Medicine</i> |
| 11:35 am – 11:38 am | Q&A |
| 11:39 am – 11:44 am | Anesthesia and the gut microbiome: exploring the effects of isoflurane, propofol, and supplemental oxygen in a murine model of general anesthesia <i>Mara Serbanescu, MD</i> <i>Johns Hopkins University School of Medicine</i> |
| 11:44 am – 11:47 am | Q&A |
| 11:48 am – 11:53 am | Volatile anesthetics loading of the sonoparticles; preparation for future clinical application |

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| 11:53 am – 11:56 am | <i>Amir Teimouri Dereshgi, M.D.</i> <i>university at buffalo</i> Q&A |
| 11:57 am – 12:02 pm | The role of an amyloid beta, ÅTRPM2 interaction in causing post-stroke cognitive impairment and synaptic dysfunction <i>Jacob Basak, MD, PhD</i> <i>The University of Colorado School of Medicine</i> |
| 12:02 am – 12:05 pm | Q&A |
| 12:06 pm – 12:11 pm | Modulation Of Microvascular Blood Flow And Stroke Outcome Via GPR39 in Mice <i>Yifan Xu, MD/PhD</i> <i>Oregon Health and Sciences University</i> |
| 12:11 pm – 12:14 pm | Q&A |

Oral Abstract Session Concurrent 2: Basic Science Session 2: Immunology and Physiology

Moderator: *Matthew Warner, MD, Mayo Clinic, Rochester, MN*

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| 11:30 am – 11:35 am | Comparison of Intravenous Waveform Analysis to Current Markers for Detection of Hemorrhage in a Rat Model <i>Matthew Barajas, MD</i> <i>Vanderbilt University Medical Center</i> |
| 11:35 am – 11:38 am | Q&A |
| 11:39 am – 11:44 am | Trained Immunity with Synthetic Toll-like Receptor 4 Agonist Protects Against Acute Kidney Injury in a Model of Ischemia-Reperfusion Injury <i>Antonio Hernandez, MD MSCI</i> <i>Vanderbilt University Medical Center</i> |
| 11:44 am – 11:47 am | Q&A |
| 11:48 am – 11:53 am | Natural killer lymphocytes as drivers of kidney fibrosis after acute cardiac dysfunction <i>Kevin Burfeind, PhD</i> <i>Oregon Health & Science University</i> |
| 11:53 am – 11:56 am | Q&A |
| 11:57 am – 12:02 pm | Protease activity profiling as a fast tool for ARDS risk assessment and monitoring <i>Catharina Conrad, MD PhD</i> <i>Univerisity of California, San Francisco</i> |
| 12:02 pm – 12:05 pm | Q&A |

Oral Abstract Session Concurrent 3: Basic Science Session 3: Organ Dysfunction

Moderator: *Jean-Francois Pittet, MD, The University of Alabama at Birmingham, Birmingham, AL*

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| 11:30 am – 11:35 am | Impact of hyperoxia on renal tissue oxygenation, reactive oxygen species production, and oxidative damage in a murine ischemia reperfusion model <i>Melissa Kimlinger, BS</i> <i>Vanderbilt University School of Medicine</i> |
| 11:35 am – 11:38 am | Q&A |

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- 11:39 am – 11:44 am The TMEM16A Antagonist Benzbromarone Decreases $\text{CE}\leq 2$ -Adrenergic Receptor Desensitization in Human Airway Smooth Muscle In Vitro
Amy Wu, Columbia University
- 11:44 am – 11:47 am Q&A
- 11:48 am – 11:53 am Inhibition of phospholipase C in human airway epithelial cells with ginger metabolite-inspired compounds
Elvedin Lukovic, MD, PhD, College of Physicians and Surgeons, Columbia University
- 11:53 am – 11:56 am Q&A
- 11:57 am – 12:02 pm Endothelial glycocalyx degradation and postoperative acute kidney injury in cardiac surgery patients
Austin DeBeaux, MD, Vanderbilt University Medical Center
- 12:02 am – 12:05 pm Q&A
- 12:06 pm – 12:11 pm Altered Brown Adipose Mitochondrial Respiration in Fragile X Syndrome Mice
Yash Somnay, MD, PhD, Columbia University
- 12:11 pm – 12:14 pm Q&A
- 12:15 pm – 12:20 pm The Effects of Phenylephrine and Haemorrhage on the Porcine Gut Mucosal Microcirculation
Constance Sturgess, BSc Medical Sciences with Physiology, University College London
- 12:20 pm – 12:23 pm Q&A

Oral Abstract Session Concurrent 4: Machine Learning, Data Science, Tele-ICU

Moderator: *James M Blum, MD, University of Iowa, Iowa City, IA*

- 11:30 am – 11:35 am Applying Machine Learning to Identify Pediatric Patients at Risk of Critical Perioperative Adverse Events: using the APRICOT Dataset
Hannah Lonsdale, MBChB, Johns Hopkins University
- 11:35 am – 11:38 am Q&A
- 11:39 am – 11:44 am Using a Natural Language Processing Machine Learning Model to Classify Subarachnoid Hemorrhage Patients with Delayed Cerebral Ischemia
Matthew Ison, MD, University of Tennessee Health Science Center, Graduate School of Medicine
- 11:44 am – 11:47 am Q&A
- 11:48 am – 11:53 am Comparison of Supervised Machine Learning Techniques for Prediction of Blood Products Transfusion after High Risk Cardiac Surgery
Ryan Melvin, Ph.D., University of Alabama at Birmingham

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| 11:53 am – 11:56 am | Q&A |
| 11:57 am – 12:02 pm | Natural Language Processing Predicts ASA Physical Status Classification from Pre-operative Note Text <i>Philip Chung, MD</i> <i>University of Washington</i> |
| 12:02 am – 12:05 pm | Q&A |
| 12:06 pm – 12:11 pm | Validation of the Tele-Critical Care Risk Stratification Model (TRISM) <i>Chiedozie Udeh, MBBS</i> <i>Cleveland Clinic</i> |
| 12:11 pm – 12:14 pm | Q&A |

Oral Abstract Session Concurrent 5: COVID-19 Intensive Care 1

Moderator: *Shahla Siddiqui, MBBS, DABA, MSc, Beth Israel Deaconess Lahey Medical Center, Boston, MA*

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| 11:30 am – 11:35 am | Impact of PPE Type and Healthcare Worker Characteristics on Perioperative Communication <i>Onassis Naim, MD</i> <i>Memorial Hospital West</i> |
| 11:35 am – 11:38 am | Q&A |
| 11:39 am – 11:44 am | Outcomes and Risk Factors for Cardiovascular Events in Hospitalized COVID-19 Patients <i>Jiapeng Huang, MD, PhD</i> <i>University of Louisville</i> |
| 11:44 am – 11:47 am | Q&A |
| 11:48 am – 11:53 am | Quantitative fit-testing of a locally produced, reusable, valved half-face respirator during COVID-19 pandemic. <i>arnaud romeo mbadjeu hondjeu, MD</i> <i>Toronto General Hospital</i> |
| 11:53 am – 11:56 am | Q&A |
| 11:57 am – 12:02 pm | Exploring the association between provider years in training and comfort and fear levels during primary and subsequent intubation attempts of COVID-19 patients <i>Muhammad El Shatanofy, BS</i> <i>The George Washington University School of Medicine & Health Sciences</i> |
| 12:02 pm – 12:05 pm | Q&A |
| 12:06 pm – 12:11 pm | A Specialized Intubation Team for Airway Management during the COVID-19 Pandemic is Efficient and Has a Favourable Impact on Health Care Providers <i>Keziah Magor, BScH</i> <i>Mississauga Academy of Medicine at The University of Toronto</i> |
| 12:11 pm – 12:14 pm | Q&A |

Oral Abstract Session Concurrent 6: COVID-19 Intensive Care 2

Moderator: *Kevin Hatton, MD, University of Kentucky, Lexington, KY*

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| 11:30 am – 11:35 am | Prone Positioning is Associated with Improved Intensive Care Unit Survival Among Critically Ill Obese Patients with COVID-19 <i>Nicholas Rizer, B.S.</i> <i>University of Pennsylvania</i> |
| 11:35 am – 11:38 am | Q&A |
| 11:39 am – 11:44 am | Predicting poor outcome of COVID-19 patients on the day of admission with the COVID-19 score <i>Luke Tseng, BS</i> <i>Columbia University Vagelos College of Physicians and Surgeons</i> |
| 11:44 am – 11:47 am | Q&A |
| 11:48 am – 11:53 am | Does preventing intubation in COVID-19 save lives? A CRUSH-COVID multi-center study of the outcomes of advanced respiratory support escalation in COVID-19 <i>Ayal Pierce, MD</i> <i>George Washington University Hospital</i> |
| 11:53 am – 11:56 am | Q&A |
| 11:57 am – 12:02 pm | Association of sedation, coma, and in-hospital mortality in mechanically ventilated patients with COVID-19 related acute respiratory distress syndrome <i>Karuna Wongtangman, M.D.</i> <i>Beth Israel Deaconess Medical Center</i> |
| 12:02 am – 12:05 pm | Q&A |
| 12:06 pm – 12:11 pm | Central Lines in Virtual Reality, Procedural Training in the Era of COVID-19 <i>Alexander Pop, MD</i> <i>Vassar Brothers Medical Center</i> |
| 12:11 pm – 12:14 pm | Q&A |

Break

12:30 – 12:40 pm

Education Session II: Preventing Postoperative Pulmonary Complications - Are There Low-Hanging Fruits?

12:40 pm – 1:55 pm

Moderators: Aurora Quaye, MD, Massachusetts General Hospital, Boston, MA and Ana Fernandez-Bustamante, MD, PhD, University of Colorado School of Medicine, Aurora, CO

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| 12:40 pm – 12:55 pm | Mechanical Ventilation - Surgical Approaches are Changing Intraoperative Realities <i>Patrick Bender, MD</i> <i>University of Vermont Medical Center, Burlington, VT</i> |
| 12:55 pm – 1:10 pm | Hyperoxia - When Good Intentions Lead to Bad Outcomes <i>Shahzad Shaefi, MD, MPH</i> <i>Beth Israel Deaconess Medical Center, Boston, MA</i> |
| 1:10 pm – 1:25 pm | Residual Neuromuscular Weakness - Bundle up for Success? <i>Karsten Bartels, MD, PhD</i> <i>University of Nebraska Medical Center, Omaha, NE</i> |

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1:25 pm – 1:40 pm Detection of Respiratory Compromise Beyond the PACU - What are we missing?
Ashish K Khanna, MD, FCCP, FCCM
Wake Forest University School of Medicine, Winston-Salem, NC

1:40 – 1:55 Moderated Q&A

Lifetime Achievement Award and Young Investigator Award Presentations

1:55 pm – 2:55 pm

Moderator: *Robert Stevens, MD, FCCM, Johns Hopkins University, Baltimore, MD*

1:55 pm – 2:00 pm Lifetime Achievement Award Introduction
Meghan Lane-Fall, MD, MSHP, FCCM
University of Pennsylvania, Philadelphia, PA

2:00 pm – 2:20 pm Lifetime Achievement Award Presentation
Jeanine Wiener-Kronish, MD
Henry Isaiah Dorr Distinguished Professor of Research and Teaching in Anaesthetics and Anaesthesia
Massachusetts General Hospital, Boston, MA

2:20 pm – 2:25 pm Q&A

2:25 pm – 2:32 pm Young Investigator Presentation #1 – Winner
Peripartum ECMO for COVID-19
Kasey Grewe
UCLA, Los Angeles, CA

2:32 pm – 2:35 pm Q&A

2:35 pm – 2:42 pm Young Investigator Presentation #2 - 1st Runner Up
The neuroprotective effects of metformin: Insights from rodent cardiac arrest and in vitro ischemia-reperfusion of neurons and astrocytes
Santiago J Miyara
Elmezz Graduate School of Molecular Medicine / Feinstein Institutes for Medical Research, Manhasset, NY

2:42 pm – 2:45 pm Q&A

2:45 pm – 2:52 pm Young Investigator Presentation #3 – 2nd Runner Up
Cardiac Output Estimation by Multi-Beat Analysis of Arterial Blood Pressure Waveform versus Continuous Pulmonary Artery Thermodilution in Post Cardiac Surgery Intensive Care Unit Patients
Ashish K Khanna
Wake Forest University School of Medicine, Winston-Salem, NC

2:52 pm – 2:55 pm Q&A

Break

2:55 pm – 3:00 pm

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Education Session III: ECMO: Beyond Cannulas, Flow or Patient Selection

3:00 pm – 4:00 pm

Moderators: *Angela Johnson, MD, University Hospitals Cleveland Medical Center, Cleveland, OH and Peter von Homeyer, MD, FASE, University of Washington, Seattle, WA*

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| 3:00 pm – 3:15 pm | Mobile ECMO: Integration into Hospital and Regional Structures <i>Vadim Gudzenko, MD</i> <i>David Geffen School of Medicine at UCLA, Los Angeles, CA</i> |
| 3:15 pm – 3:30 pm | Nurse vs Perfusionist ECMO: Pros and Cons: Considerations for Implementation <i>Joseph Meltzer, MD</i> <i>University of California, Los Angeles, CA</i> |
| 3:30 pm – 3:45 pm | Just Because You Can, Should You? Emotional Burden of ECMO Programs <i>Anahat Dhillon, MD</i> <i>University of California, Los Angeles, CA</i> |
| 3:45 pm - 4:00 pm | Moderated Q&A |

ASA Update

4:00 pm – 4:15 pm

Dr. Beverly Philip, ASA President

Oral Scientific Abstract Sessions II

4:15 pm – 5:15 pm

Oral Abstract Session Concurrent 7: COVID-19 Intensive Care 3

Moderator: *Craig S. Jabaley, MD*

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| 4:15 pm – 4:20 pm | Assessment of Autonomic Nervous System Through High Frequency Variability Index In Covid-19 Patients: A Prediction Mortality Tool. <i>Cristian Aragon-Benedi, MD</i> <i>Mostoles General University Hospital</i> |
| 4:20 pm – 4:23 pm | Q&A |
| 4:24 pm – 4:29 pm | Respiratory non-Invasive Venous waveform Analysis (RIVA) for Assessment of Respiratory Distress in COVID-19 Patients: An Observational Study <i>Bret Alvis, MD</i> <i>Vanderbilt University Medical Center</i> |
| 4:29 pm – 4:32 pm | Q&A |
| 4:33 pm – 4:38 pm | Provider-Family Communication in the COVID-Era ICU, Improvements and Barriers: A Quality Improvement Project <i>Catherine Chiu, MD</i> <i>University of California, San Francisco</i> |
| 4:38 pm – 4:41 pm | Q&A |

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- 4:42 pm – 4:47 pm Deterioration of Oxygenation Index and Oxygen Saturation Index after intubation predicts mortality in critically ill COVID-19 patients
Nicholas Flores-Conner, MD
Boston University
- 4:47 pm – 4:50 pm Q&A
- 4:51 pm - 4:56 pm Do-Not-Resuscitate Orders in Patients with COVID-19 Admitted to ICUs in the US
Galen Royce-Nagel, MD
Duke University Hospital
- 4:56 pm – 4:59 pm Q&A

Oral Abstract Session Concurrent 8: Epidemiology and Population Science

Moderator: *Mary Jarzebowski, MD, VA Ann Arbor Healthcare System, Ann Arbor, MI*

- 4:15 pm – 4:20 pm The burden of organ failure in United States surgical patients from 2008-2018
Julien Cobert, MD
Duke University
- 4:20 pm – 4:23 pm Q&A
- 4:24 pm – 4:29 pm The epidemiology of multiorgan dysfunction in United States surgical ICU patients from 2008-2018
Julien Cobert, MD
Duke University
- 4:29 pm – 4:32 pm Q&A
- 4:33 pm – 4:38 pm Postoperative acute kidney injury is associated with progression of chronic kidney disease independent of severity
Jamie Privratsky, MD, PhD
Duke University
- 4:38 pm – 4:41 pm Q&A
- 4:42 pm - 4:47 pm Association of Initial Vasopressor Choice with Clinical and Functional Outcomes following Moderate-Severe Traumatic Brain Injury: a TRACK-TBI study
Camilo Toro, BA
Duke University School of Medicine
- 4:47 pm – 4:50 pm Q&A

Oral Abstract Session Concurrent 9: Education and Quality

Moderator: *Linda Liu, MD, University of California, San Francisco School of Medicine, San Francisco, CA*

- 4:15 pm – 4:20 pm Effects of stress on learning cardiopulmonary resuscitation
Ksenia Vinnikova, None
Universit tsklinikum Essen
- 4:20 pm – 4:23 pm Q&A
- 4:24 pm – 4:29 pm Addition of standardized Focused Critical Care Echocardiography (FCCE) learning into existing Critical Care Fellowship training programs: A multi-center prospective study of blended learning

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| 4:29 pm – 4:32 pm | <i>Nibras Bughrara, MD</i> <i>Albany Medical College</i> Q&A |
| 4:33 pm – 4:38 pm | Effectiveness of a Just in Time Educational Course Blending Remote Asynchronous Standardized Video Didactics and Live Simulation Scenario on Mechanical Ventilation for Non-Intensivist Training (VENT) <i>Brooke Albright-Trainer, MD</i> <i>University of Virginia</i> Q&A |
| 4:38 pm – 4:41 pm | Q&A |
| 4:42 pm – 4:47 pm | A Quality Improvement Project to Improve Medication Administration by Anesthesia Providers during Non-OR Airway Emergencies <i>Abraar Muneem, BA Biology</i> <i>Penn State College of Medicine</i> Q&A |
| 4:47 pm – 4:50 pm | Q&A |
| 4:51 pm - 4:56 pm | ICU Bedside Timeout Process for Effective Perioperative Communication <i>Scott Blaine, DO</i> <i>University of Wisconsin</i> Q&A |
| 4:56 pm – 4:59 pm | Q&A |
| 5:00 pm – 5:05 pm | Negative Pressure Airway Chamber: A Clinical Simulation Trial of an Isolation Chamber <i>Stefan Kojic, Doctor of Medicine</i> <i>University of British Columbia</i> Q&A |
| 5:05 pm – 5:08 pm | Q&A |

Oral Abstract Session Concurrent 10: Cardiac Surgery and ECLS

Moderator: *Shahzad Shaefi, MD, Beth Israel Deaconess Medical Center, Boston, MA*

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| 4:15 pm – 4:20 pm | Association between Cerebral Autoregulation as Estimated by Diffuse Correlation Spectroscopy and Neurologic Injury among Children on Extracorporeal Life Support <i>Ethan Sanford, MD</i> <i>UTSouthwestern Medical Center</i> Q&A |
| 4:20 pm – 4:23 pm | Q&A |
| 4:24 pm – 4:29 pm | Transesophageal Atrial Pacing For Shock After Cardiac Surgery <i>Brendon Hart, DO</i> <i>Ohio State University</i> Q&A |
| 4:29 pm – 4:32 pm | Q&A |
| 4:33 pm – 4:38 pm | Pulmonary artery pulsatility index is outperformed by mean pulmonary artery pressure and mean arterial pressure in predicting one-year mortality in cardiac surgery patients <i>Ziyad Knio, M.D.</i> <i>University of Virginia Health System</i> Q&A |
| 4:38 pm – 4:41 pm | Q&A |
| 4:42 pm – 4:47 pm | Acute Normovolemic Hemodilution Decreases Blood Product Utilization in |

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| 4:47 pm – 4:50 pm | Reoperative Cardiac Surgery <i>Joseph Norman, M.D., C.M.Q.</i> <i>University of Alabama at Birmingham</i> Q&A |
| 4:51 pm - 4:56 pm | High prevalence of intra-abdominal hypertension in cardiac surgery patients detected by a continuous monitoring system- a descriptive observational study <i>Vanessa Moll, MD, PhD, FCCM, FASA</i> <i>University Hospital Zurich</i> Q&A |
| 4:56 pm – 4:59 pm | Q&A |
| 5:00 pm – 5:05 pm | Iron Supplementation for Patients Undergoing Cardiac Surgery: a systematic review and meta-analysis of randomized-controlled trials <i>Latifa Al Kharusi, MD</i> <i>McGill University, Faculty of Medicine</i> Q&A |
| 5:05 pm – 5:08 pm | Q&A |

Oral Abstract Session Concurrent 11: Topics in Intensive Care

Moderator: *T. Miko Enomoto, MD, Oregon Health & Science University, Portland, OR*

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| 4:15 pm – 4:20 pm | Brain Tissue Oxygenation Monitor Utilization Trends and Outcomes in Severe TBI. A Retrospective Cohort Study utilizing the NTDB <i>Jonathan Curley, MD</i> <i>Duke University Medical Center</i> Q&A |
| 4:20 pm – 4:23 pm | Q&A |
| 4:24 pm – 4:29 pm | Life impact of extracorporeal life support due to primary graft dysfunction in patients after orthotopic heart transplantation <i>Rene M'Pembele, MD</i> <i>University Hospital Duesseldorf</i> Q&A |
| 4:29 pm – 4:32 pm | Q&A |
| 4:33 pm – 4:38 pm | Limitations of Colorimetric etCO ₂ Detection during Cardiopulmonary Resuscitation <i>William Cleveland, BS</i> <i>Vanderbilt University Medical Center</i> Q&A |
| 4:38 pm – 4:41 pm | Q&A |
| 4:42 pm – 4:47 pm | Duration of deep sedation during mechanical ventilation in the intensive care unit predicts delirium risk after extubation <i>Omid Azimaraghi, MD</i> <i>Beths Israel Deaconess Medical Center, Harvard Medical School</i> Q&A |
| 4:47 pm – 4:50 pm | Q&A |
| 4:51 pm - 4:56 pm | Feasibility of Remote EEG Neuromonitoring in the ICU <i>Brian Chang, MD</i> <i>New York Presbyterian - Columbia University Irving Medical Center</i> Q&A |
| 4:56 pm – 4:59 pm | Q&A |

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- 5:00 pm – 5:05 pm Initiation of SMOFLipid in Single Health System affects Hospital Length of Stay among Critically Ill Adults Requiring Total Parenteral Nutrition
Osamudiamen Obanor, MD
Duke University Hospital
- 5:05 pm – 5:08 pm Q&A

Oral Abstract Session Concurrent 12: Perioperative Medicine

Moderator: *Sheela Pai Cole, MD, Stanford University School of Medicine, Stanford, CA*

- 4:15 pm – 4:20 pm Reduction of preoperative anxiety using Virtual Reality vs midazolam: A randomized controlled trial
Anthony Koo, MD
Phoenix Childrens Hospital
- 4:20 pm – 4:23 pm Q&A
- 4:24 pm – 4:29 pm A Retrospective Cohort Study of Pediatric Patients Undergoing Early Extubation After a Staged Laparotomy
Mitchell Phillips, MD
Ann & Robert H Lurie Children,Âs Hospital
- 4:29 pm – 4:32 pm Q&A
- 4:33 pm – 4:38 pm Intrathecal morphine does not increase POUR in joint Arthroplasty surgeries. A double blind RCT
Muhammad Imran Khan, MD
Mount Sinai Hospital, University of Toronto
- 4:38 pm – 4:41 pm Q&A
- 4:42 pm – 4:47 pm Positive airway pressure therapy for chronic pain in patients with obstructive sleep apnea - a systematic review
Kristian McCarthy, BMSc, MD(c)
University of Toronto
- 4:47 pm – 4:50 pm Q&A
- 4:51 pm - 4:56 pm Modifiable Risk Factors In Postoperative Dysphagia for Transplant Patients
Jonathan Schirripa, MD
New York University
- 4:56 pm – 4:59 pm Q&A
- 5:00 pm – 5:05 pm Over-Transfusion in Pediatric Patients Intra-operatively. A Retrospective Observational Study at a Tertiary Pediatric Hospital.
Timothy Walsh, MD
Boston Children's Hopsital
- 5:05 pm – 5:08 pm Q&A

Break

5:15 pm – 5:25 pm

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Education Session IV: A Look Back at the Surge: What We Found Ourselves Doing That We Never Anticipated

5:25 pm – 6:40 pm

Moderator: *Nicholas Sadovnikoff, MD, Brigham and Women's Hospital, Boston, MA*

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| 5:25 pm – 5:40 pm | Palliative Care on the Front Lines of the Surge <i>Rebecca Aslakson, MD, PhD, FAAHPM, FCCM</i> <i>Stanford University School of Medicine, Stanford, CA</i> |
| 5:40 – 5:55 pm | Stretching ICU Spaces, Equipment and Personnel to Accommodate and Unprecedented Patient Volume <i>Vivek Moitra, MD</i> <i>Columbia University Medical Center, New York, NY</i> |
| 5:55 pm – 6:10 pm | ECMO for the Epidemic -the Good, the Bad, the Lessons <i>Michael Nurok, MBChB, PhD, FCCM</i> <i>Cedars-Sinai Medical Center, Los Angeles, CA</i> |
| 6:10 pm – 6:25 pm | Importance of Networking during a Global Pandemic <i>Allison Dalton, MD</i> <i>The University of Chicago Medicine, Chicago, IL</i> |
| 6:25 pm – 6:40 pm | Moderated Q&A |

SOCCA Early Career Group Networking Event

6:30 pm – 7:30 pm ET

This SOCCA Early Career Group Networking Event will allow early career attendees the opportunity to connect with mentors.