

SOCIETY OF CRITICAL CARE ANESTHESIOLOGISTS

ANNUAL MEETING

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SOCIETY OF CRITICAL CARE ANESTHESIOLOGISTS

ANNUAL MEETING

Thursday, May 13, 2021

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.

Moderators:

Alisha Bhatia, MD

Ashish Khanna, MD, FCCP, FCCM

Brigid Flynn, MD

Carlee Clark, MD

Daniel Brown, MD, PhD

Miguel Cobas, MD

Mark Nunnally, MD, FCCM

Michael Wall, MD, FCCM

Craig Jabaley, MD

Friday, May 14, 2021

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

10:00 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*

10:00 am – 10:05 am	Welcome from SOCCA
10:05 am – 10:10 am	Welcome <i>Ashish K Khanna, MD, FCCP, FCCM, SOCCA 2021 Annual Meeting Chair</i> <i>Wake Forest University School of Medicine, Winston-Salem, NC</i>
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

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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

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 <i>Amir Teimouri Dereshgi, M.D.</i> <i>university at buffalo</i>
11:53 am – 11:56 am	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

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

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11:44 am – 11:47 am	Acute Kidney Injury in a Model of Ischemia-Reperfusion Injury <i>Antonio Hernandez, MD MSCI</i> <i>Vanderbilt University Medical Center</i> 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> Q&A
11:53 am – 11:56 am	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> Q&A
11:57 am – 12:02 pm	
12:02 pm – 12:05 pm	

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

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

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> Q&A
11:35 am – 11:38 am	
11:39 am – 11:44 am	The TMEM16A Antagonist Benzbromarone Decreases α_2 -Adrenergic Receptor Desensitization in Human Airway Smooth Muscle In Vitro <i>Amy Wu,</i> <i>Columbia University</i> Q&A
11:44 am – 11:47 am	
11:48 am – 11:53 am	Inhibition of phospholipase C in human airway epithelial cells with ginger metabolite-inspired compounds <i>Elvedin Lukovic, MD, PhD</i> <i>College of Physicians and Surgeons, Columbia University</i> Q&A
11:53 am – 11:56 am	
11:57 am – 12:02 pm	Endothelial glycocalyx degradation and postoperative acute kidney injury in cardiac surgery patients <i>Austin DeBeaux, MD</i> <i>Vanderbilt University Medical Center</i> Q&A
12:02 am – 12:05 pm	
12:06 pm – 12:11 pm	Altered Brown Adipose Mitochondrial Respiration in Fragile X Syndrome Mice <i>Yash Somnay, MD, PhD</i> <i>Columbia University</i> Q&A
12:11 pm – 12:14 pm	
12:15 pm – 12:20 pm	The Effects of Phenylephrine and Haemorrhage on the Porcine Gut Mucosal Microcirculation

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12:20 pm – 12:23 pm *Constance Sturgess, BSc Medical Sciences with Physiology
University College London*
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*

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
*Philip Chung, MD
University of Washington*

12:02 am – 12:05 pm Q&A

12:06 pm – 12:11 pm Validation of the Tele-Critical Care Risk Stratification Model (TRISM)
*Chiedozie Udeh, MBBS
Cleveland Clinic*

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*

11:30 am – 11:35 am Impact of PPE Type and Healthcare Worker Characteristics on Perioperative Communication
*Onassis Naim, MD
Memorial Hospital West*

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
Jiapeng Huang, MD, PhD

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11:44 am – 11:47 am	<i>University of Louisville</i> 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*

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>

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12:11 pm – 12:14 pm

Vassar Brothers Medical Center
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

12:40 pm – 12:55 pm

Mechanical Ventilation - Surgical Approaches are Changing Intraoperative Realities
Patrick Bender, MD
University of Vermont Medical Center, Burlington, VT

12:55 pm – 1:10 pm

Hyperoxia - When Good Intentions Lead to Bad Outcomes
Shahzad Shaefi, MD, MPH
Beth Israel Deaconess Medical Center, Boston, MA

1:10 pm – 1:25 pm

Residual Neuromuscular Weakness - Bundle up for Success?
Karsten Bartels, MD, PhD
University of Nebraska Medical Center, Omaha, NE

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

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2:32 pm – 2:35 pm	UCLA, Los Angeles, CA Q&A
2:35 pm – 2:42 pm	Young Investigator Presentation #2 - 1 st Runner Up The neuroprotective effects of metformin: Insights from rodent cardiac arrest and in vitro ischemia-reperfusion of neurons and astrocytes <i>Santiago J Miyara</i> <i>Elmezzi Graduate School of Molecular Medicine / Feinstein Institutes for Medical Research, Manhasset, NY</i>
2:42 pm – 2:45 pm	Q&A
2:45 pm – 2:52 pm	Young Investigator Presentation #3 – 2 nd Runner Up Cardiac Output Estimation by Analysis of Arterial Blood Pressure Waveform versus Continuous Pulmonary Artery Thermodilution in Post Cardiac Surgery Intensive Care Unit Patients <i>Ashish K Khanna</i> <i>Wake Forest University School of Medicine, Winston-Salem, NC</i>
2:52 pm – 2:55 pm	Q&A

Break

2:55 pm – 3:00 pm

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*

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

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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

4:15 pm – 4:20 pm	Respiratory non-Invasive Venous waveform Analysis (RIVA) for Assessment of Respiratory Distress in COVID-19 Patients: An Observational Study <i>Lexie Hester Vaughn, MD</i> Vanderbilt University Medical Center
4:20 pm – 4:23 pm	Q&A
4:24 pm – 4:29 pm	Provider-Family Communication in the COVID-Era ICU, Improvements and Barriers: A Quality Improvement Project <i>Catherine Chiu, MD</i> University of California, San Francisco
4:29 pm – 4:32 pm	Q&A
4:33 pm – 4:38 pm	Deterioration of Oxygenation Index and Oxygen Saturation Index after intubation predicts mortality in critically ill COVID-19 patients <i>Nicholas Flores-Conner, MD</i> Boston University
4:38 pm – 4:41 pm	Q&A
4:42 pm - 4:47 pm	Do-Not-Resuscitate Orders in Patients with COVID-19 Admitted to ICUs in the US <i>Galen Royce-Nagel, MD</i> Duke University Hospital
4:47 pm – 4:50 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 <i>Julien Cobert, MD</i> 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 <i>Julien Cobert, MD</i> 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 <i>Jamie Privratsky, MD, PhD</i> Duke University
4:38 pm – 4:41 pm	Q&A

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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 <i>Camilo Toro, BA</i> <i>Duke University School of Medicine</i>
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 <i>Ksenia Vinnikova, None</i> <i>UniversitvŠtsklinikum Essen</i>
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 <i>Nibras Bughrara, MD</i> <i>Albany Medical College</i>
4:29 pm – 4:32 pm	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>
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>
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>
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>
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*

4:15 pm – 4:20 pm	Association between Cerebral Autoregulation as Estimated by Diffuse Correlation
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4:20 pm – 4:23 pm	Spectroscopy and Neurologic Injury among Children on Extracorporeal Life Support <i>Ethan Sanford, MD</i> <i>UTSouthwestern Medical Center</i> 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	
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	
4:42 pm – 4:47 pm	Acute Normovolemic Hemodilution Decreases Blood Product Utilization in Reoperative Cardiac Surgery <i>Joseph Norman, M.D., C.M.Q.</i> <i>University of Alabama at Birmingham</i> Q&A
4:47 pm – 4:50 pm	
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	
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	

Oral Abstract Session Concurrent 11: Topics in Intensive Care

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

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	
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	

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4:33 pm – 4:38 pm	Limitations of Colorimetric etCO ₂ Detection during Cardiopulmonary Resuscitation <i>Matthew Barajas, MD</i> <i>Vanderbilt University Medical Center</i>
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>
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>
4:56 pm – 4:59 pm	Q&A
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 <i>Osamudiamen Obanor, MD</i> <i>Duke University Hospital</i>
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 <i>Anthony Koo, MD</i> <i>Phoenix Childrens Hospital</i>
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 <i>Mitchell Phillips, MD</i> <i>Ann & Robert H Lurie Children, Åôs Hospital</i>
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 <i>Muhammad Imran Khan, MD</i> <i>Mount Sinai Hospital, University of Toronto</i>
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 <i>Kristian McCarthy, BMSc, MD(c)</i> <i>University of Toronto</i>
4:47 pm – 4:50 pm	Q&A

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4:51 pm - 4:56 pm	Modifiable Risk Factors In Postoperative Dysphagia for Transplant Patients <i>Jonathan Schirripa, MD</i> 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. <i>Timothy Walsh, MD</i> Boston Children's Hospital
5:05 pm – 5:08 pm	Q&A

Break

5:15 pm – 5:25 pm

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*

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