COVID-19 INSPIRED ANESTHESIOLOGY
EXPLORATIONS AND DISCOVERIES

SATURDAY
OCTOBER 17, 2020
9:00AM-12:30PM

THIS VIRTUAL EVENT WILL SHOWCASE PRESENTATIONS FROM FACULTY AND TRAINEES COVERING TOPICS RELATED TO THE COVID-19 RESPONSE.

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# COVID-19 Inspired Anesthesiology: Explorations and Discoveries

**Saturday October 17, 2020  9:00AM-12:30PM**

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| 9:00 AM | **Welcoming Remarks**  
Roberta Hines, MD  
Chair, Anesthesiology; Nicholas M. Greene Professor of Anesthesiology; Yale School of Medicine |
| 9:05 AM | **Paradigm Shift in Clinical Care**  
Moderator: Robert B. Schonberger, MD, MHS  
**Anesthesiologists During COVID-19: Roles Beyond Intubation**  
Lingzhong Meng, MD  
Professor of Anesthesiology; Director of Neuroanesthesia; Yale School of Medicine |
| 9:20 AM | **The Yale Experience - Critical Care Workflow During the COVID-19 Pandemic**  
Ranjit Deshpande, MD  
Assistant Professor of Anesthesiology; Director of Transplant Anesthesiology; Yale School of Medicine |
| 9:35 AM | **Prioritizing Neurosurgical Workflow During COVID-19 Pandemic at Two Tertiary Level Hospitals**  
Shilpa Rao, MD  
Assistant Professor of Anesthesiology; Yale School of Medicine |
| 9:50 AM | **Discussion** |
| 10:00 AM | **Break** |
| 10:10 AM | **Novel Management Approaches**  
Moderator: Helene Benveniste, MD, PhD  
**A Novel Approach to Early Diagnosis and Treatment of Lung Injury from SARS-CoV-2**  
Paul Heerdt, MD, PhD  
Professor of Anesthesiology; Director of Applied Hemodynamics; Yale School of Medicine |
| 10:25 AM | **PReVentS: Anesthesiologists Facing a Ventilator Shortage**  
Laura Niklason, MD, PhD  
Vice Chair of Clinical Research, Nicholas M. Greene Professor of Anesthesiology; Yale School of Medicine  
Clark Fisher, MD  
Research Scholars Program Resident; Yale School of Medicine |
| 10:40 AM | **Combined Use of ECMO, Prone Positioning, and APRV in COVID-19 Patients**  
Hossam Tantawy, MBCHB  
Assistant Professor of Anesthesiology; Associate Director of Critical Care; Yale School of Medicine  
Stephanie Ong  
Medical Student Anesthesia Research Fellow (MSARF), Foundation for Anesthesia Education and Research |
| 10:55 AM | **Discussion** |
| 11:05 AM | **Break** |
| 11:15 AM | **Public Health and Environmental Impact**  
Moderator: Miriam Treggiari, MD, PhD  
**COVID-19 Mortality Risk for Older Men and Women**  
David Yanez, PhD  
Professor of Biostatistics; Yale School of Medicine |
| 11:30 AM | **COVID-19 and Climate Change: Supply Chain Resiliency and Accountability**  
Jodi Sherman, MD  
Associate Professor of Anesthesiology and Epidemiology; Director of Sustainability; Yale School of Medicine |
| 11:45 AM | **How long will it take and how much will it cost? Vaccine Timelines and Implications for Response Strategies to SARS-CoV-2 in the United States**  
Robert B. Schonberger, MD, MHS  
Associate Professor of Anesthesiology; Director of the Research Scholars Program; Yale School of Medicine |
| 12:00 PM | **Psychological Impact on Healthcare Providers**  
Matthew Burg, PhD  
Professor of Medicine in the Section of Cardiovascular Medicine, and Professor of Anesthesiology; Yale School of Medicine |
| 12:15 PM | **Discussion** |
| 12:25 PM | **Closing Remarks**  
Roberta Hines, MD  
Chair, Anesthesiology; Nicholas M. Greene Professor of Anesthesiology; Yale School of Medicine |