

COVID-19 ECHO Program

Acute Care Challenges in the Management of Severe COVID-19

Thursday, May 20, 2021

11 AM – 12 PM (EST)

Medical Director/Facilitator: Gavin Harris, MD- *Emory University School of Medicine, Divisions of Pulmonary, Allergy, Critical Care, and Sleep Medicine & Infectious Diseases*

Experts:

- Jolie Gallagher, PharmD, BCCCP - *Emory Healthcare Acute Respiratory ICU Clinical Pharmacy Specialist; PGY2 Critical Care Residency Program Director*
- Mark Caridi- Scheible, MD- *Emory University School of Medicine, Department of Anesthesiology, Emory University Hospital*
- Joel Zivot, MD/FRCPC – *Emory University School of Medicine, Department of Anesthesiology*
- Aneesh Mehta, MD – *Emory University School of Medicine, Department of Medicine, Division of Infectious Diseases & Division of Transplant Surgery*
- Zanthia Wiley, MD- *Emory University School of Medicine, Department of Medicine, Division of Infectious Diseases*
- Lisa Daniels, MD - *Emory University School of Medicine, Department of Medicine, Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine*

Target Audience: Physicians, nurses, pharmacists, etc. involved in COVID-19 critical care

Clinic Objectives:

- To review existing data on the management of severe pulmonary issues in COVID-19 patients in acute care;
- To discuss case studies that exemplify different acute care approaches for managing severe pulmonary challenges with COVID-19;
- To compare clinics' protocols for treating pulmonary issues in severely ill COVID-19 patients.

Connection details: https://zoom.us/webinar/register/WN_9d3VPffvTFS3rTmoUpo88A

Acute Care Challenges in the Management of Severe COVID-19		
Thursday, May 20, 2021 11:00 am – 12:00 pm (EST)		
Time	Topic	Presenter
11:00-11:05	Welcome, Intros, Polls	Harris
11:05-11:15	Case Presentation: Steroid treatment for organizing pneumonia	Gallagher
11:15-11:25	Case Presentation: ECMO treatment	Caridi-Scheible
11:25-11:40	Didactic	Zivot
11:40-11:55	Q&A Discussion <i>(Audience can submit questions and panelists will discuss)</i>	Harris Gallagher Caridi-Scheible Mehta Wiley Zivot Daniels
11:55-12:00	Wrap-up, Polls	Harris

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Bios

Jolie Gallagher, PharmD, BCCCP

Jolie Gallagher is the pharmacist for the Acute Respiratory ICU at Emory University Hospital. She attended pharmacy school at the University of Colorado and completed her PGY1 Pharmacy Practice Residency and PGY2 Critical Care Pharmacy Residency at Emory University Hospital. Professionally she is interested in sedation/delirium/sleep management in the ICU, acute respiratory distress syndrome, and antimicrobial stewardship. She also serves as the PGY2 Critical Care Pharmacy Residency Program Director for Emory University Hospital.”

Mark Caridi- Scheible, MD

Having spent 15 years in the IT and software business, Dr. Caridi-Scheible turned to medicine and is now practicing as an intensivist and cardiothoracic anesthesiologist at Emory University Hospital. His clinical expertise include cardiothoracic perioperative care, transthoracic and transesophageal echo, ECMO cannulation and management, and medical and surgical intensive care. He is currently the medical director for the Emory ECMO Center. As an intensivist in the COVID designated units and the Severely Contagious Diseases Unit, he has been taking care of COVID patients since the epidemic reached Atlanta and is active in several related working groups both in-system and regionally. He has also published and spoken on various COVID-related topics locally and nationally.

Joel Zivot, MD/FRCPC

Dr. Joel B. Zivot has trained and practiced in the US and Canada. His clinical expertise and research are broad and include care of critically ill patients in the OR and ICU, education and scholarly work in bioethics, the anthropology of conflict resolution, pharmaco-economics, and a variety of topics related to anesthesiology/critical care monitoring and practice. Zivot is an expert on physician participation in lethal injection and also is a regular contributor to a variety of print and on-line media sources on subjects related to bioethics, and artificial intelligence.

Zanthia Wiley, MD

Dr. Zanthia Wiley is a practicing physician within the Emory Division of Infectious Diseases and is the Director of Antimicrobial Stewardship at Emory University Hospital Midtown. She is a member of the Emory Department of Medicine’s Diversity, Equity, and Inclusion Council and the Emory Collaborative Community Outreach and Health Disparities Research Initiative. Dr. Wiley serves as the co-lead of the Emory Healthcare COVID-19 Treatment Guidance Committee and is dedicated to educating patients, healthcare providers and community organizations on COVID-19 and Healthcare Disparities.

Aneesh Mehta, MD

In July 2009, Dr. Mehta joined the faculty of Emory University. He is an Associate Professor of Medicine in the Division of Infectious Diseases and the Assistant Director of the Transplant Infectious Diseases Section. In 2013, he was made Associate Chief of ID Services for Emory University Hospital and Emory University Orthopedic and Spine Hospital. In 2020, Dr. Mehta was name the Chief of Infectious Diseases Services for Emory University Hospital and Emory University Orthopedic and Spine Hospital. Dr. Mehta's research and clinical paths have focused on treatment of and protection against infections in immunocompromised hosts, including patients with organ transplants, limb transplants, stem cell transplants, leukemia/lymphoma, cystic fibrosis, and HIV/AIDS. Dr. Mehta also serves as the Consultant for Occupational Exposure at Emory University's Yerkes National Primate Center. In this role, he supervises the care of employees at Yerkes who have incurred a work related exposure or injury,

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including Herpes-B exposures. Dr. Mehta has served as member of the Emory Serious Communicable Diseases Unit (SCDU) since 2009.

Lisa Daniels, MD

Dr. Daniels grew up in Tampa, Florida. She completed her undergraduate degree in Materials Science and Engineering at the University of Florida. She received her medical degree from the University of South Florida. She completed her residency in internal medicine and fellowship in critical care medicine at Mayo Clinic Rochester, MN where she served as chief fellow. During that time, she worked under the direction of Dr. Pritish Tosh examining the impact of time to antibiotics in treatment of febrile neutropenia. She joined the faculty at Emory in 2017 as an assistant professor of medicine. Dr. Daniels main research interest is in the area of medical education, ultrasound and simulation. Her research is focused on development and use of low fidelity procedural models used in the education of medical trainees. Current models include central line access, arterial line access, dialysis line access, extra-corporeal cardiopulmonary membrane oxygenation (ECMO) access, thoracentesis and chest tube placement. She also has an interest in quality improvement with a focus on improving efficiency in processes and systems that are time sensitive, including massive blood transfusions and extra-corporeal cardiopulmonary resuscitation (ECPR). Other areas of interest include improving the assessment and management of intensive care unit delirium and post intensive care syndrome.

Gavin Harris, MD

Dr. Gavin Harris is a faculty member at Emory University School of Medicine. He is dually appointed in Critical Care Medicine and Infectious Diseases with professional interests in disaster preparedness, rapid diagnostics, biosecurity, and the treatment of high consequence pathogens.