

Emory University

Serious Communicable Disease Program (SCDP)

Project ECHO Program

EMS Care and Lassa Fever: Identify, Isolate, and Inform

Thursday, April 14, 2022

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; Serious Communicable Diseases Program*

Expert Panelist(s):

- George Marshall Lyon III, MD, MMSc - Emory University Hospital, Infectious Diseases
- Alexander Isakov, MD, MPH – Emory University, Department of Prehospital and Disaster Medicine and Office of Critical Event Preparedness and Response
- Wade Miles, NR-P - Emory University, Department of Prehospital and Disaster Medicine
- Colleen Kraft, MD, MSc - Emory University Hospital, Department of Pathology and Laboratory Medicine

Target Audience:

- Anyone working in Emergency Medical Services (EMS) care, including EMTs, paramedics, physicians, nurses, pharmacists, hospital administrators, etc., are welcome to attend.

Clinic Objectives:

- Describe the importance of preparedness for special pathogens.
- Discuss the processes of identifying, isolating, and informing of a person under investigation (PUI) for special pathogens from the perspective of frontline providers.
- Describe the hierarchy of controls to prevent special pathogen transmission.
- **Connection details** - https://zoom.us/webinar/register/WN_KI5Dg5pFTcS4248EXf5U8w

EMS Care and Lassa Fever: Identify, Isolate, and Inform		
Thursday, April 14, 2022 11:00 am – 12:00 pm (EST)		
Time	Topic	Presenter
11:00-11:05	Welcome, Intros, Polls	Harris
11:05-11:10	Situational Report	Harris
11:10-11:25	Didactic Presentation: <i>Lassa Fever: Background and Clinical Presentation</i>	Lyon
11:25-11:35	Lassa Fever Virus: Diagnostic and Treatment Considerations	Kraft
11:35-11:45	Identify, Isolate, and Inform for EMS: Lassa Fever	Isakov, Miles

11:45-12:00	Discussion/Q&A <i>(Audience can submit questions and experts will discuss)</i>	Harris, Lyon, Kraft, Isakov, Miles
12:00	Wrap-up, Polls	Harris

Bios:

Dr. Gavin Harris

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.

Dr. George Marshall Lyon

Dr. G. Marshall Lyon, III, MD is a Professor of Medicine at the Emory University School of Medicine in Atlanta, GA. He grew up in Huntington, WV. He received an undergraduate degree from Duke University, went to medical school at Marshall University in Huntington, and completed specialty training at Duke University Medical Center in combined internal medicine and pediatrics. Between 1998 – 2000 he worked at CDC as an Epidemic Intelligence Officer. Then, he pursued fellowship training in Infectious Diseases at the Massachusetts General Hospital/Brigham and Women’s Hospital combined program. He joined the faculty at Emory in 2003.

Since 2007, Dr. Lyon has been the Director of Transplant Infectious Diseases. In 2014, he was one of five physicians primarily responsible for patients with Ebola cared for at Emory’s Serious Communicable Diseases Unit. Dr. Lyon has an active clinical research program investigating novel therapies for fungal infections, cytomegalovirus, and more recently COVID-19. Dr. Lyon has authored over 90 publications, books, and book chapters.

Dr. Alex Isakov

Dr. Isakov is a Professor of Emergency Medicine at Emory University School of Medicine and the director of Emory’s Section of Prehospital and Disaster Medicine. He is also the Executive Director for Emory’s Office of Critical Event Preparedness and Response.

Dr. Isakov is on the American College of Emergency Physicians Epidemic Expert Panel. He is the EMS lead for the National Emerging Special Pathogens Training and Education Center (NETEC) and is a designated Subject Matter Expert for ASPR TRACIE, with whom he led the development of the EMS Infectious Disease Playbook. He is the medical director for the Emory-Grady EMS Biosafety Transport Program.

Dr. Isakov has an MD from the University of Pittsburgh and an MPH from Boston University. He completed his residency training at the University of Massachusetts Medical Center and his EMS fellowship with Boston EMS. Dr. Isakov practices clinically in the emergency department of Emory University Hospital in Atlanta, GA.

Dr. Wade Miles

Wade Miles, NRP, Operations and Training Manager for the Office of Critical Event Preparedness and Response is responsible for the development, management and delivery of educational programs. In

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addition, he works with the CEPAR team to help develop and coordinate drills and exercises for the University. Mr. Miles also serves as the Training Manager for the Section of Prehospital and Disaster Medicine. In addition to these duties, Mr. Miles also serves as the Operations Director for Emory EMS (EEMS).

Prior to joining CEPAR, Mr. Miles served for nearly 20 years with Grady EMS. During his time with Grady EMS, he served in various roles including Paramedic, Special Operations Paramedic, Supervisor, Manager and Director of EMS Operations. He has an extensive background in emergency pre-hospital care. Mr. Miles is a founding member and former team leader for the Grady EMS Biosafety Transport Team. He was instrumental in the planning and operational oversight of movement for the first two confirmed patients with Ebola Virus Disease within the United States. Mr. Miles serves as a subject matter expert in the area of moving patients who have high consequence diseases. He delivers training and educational programs across the United States with the National Emerging Special Pathogens Training and Education Center (NETEC).

Dr. Colleen Kraft

Dr. Kraft is a Professor in the Department of Pathology and Laboratory Medicine and the Department of Medicine, Division of Infectious Diseases. She is the President-Elect of the American Society for Microbiology, beginning in July 2021. Dr. Kraft is trained and board certified in Internal Medicine, Infectious Diseases, and Medical Microbiology. Dr. Kraft has had clinical and diagnostic experience in 3 infectious diseases epidemics: 2009 H1N1 pandemic influenza, Ebolavirus in 2014, Lassa in 2016, and currently COVID-19. Dr. Kraft led system-wide coordination of COVID-19 diagnostic testing, and has served on national, state, and local advisory committees. Her experience in clinical care of novel diseases led to the development of the Emory Human Healthcare Factors Lab. Dr. Kraft also works on antibiotic resistance elimination with the use of microbiome-therapeutics such as fecal microbiota transplants.



In support of improving patient care, this activity has been planned and implemented by Emory University and Project ECHO®. Project ECHO® is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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Project ECHO® designates this live activity for a maximum of 1.0 ANCC contact hour. Nursing contact hours will be awarded for successful completion of program components based upon documented attendance and completion of evaluation.

Disclosure Statement

Project ECHO®, in compliance with the ACCME Standards for Integrity and Independence in Accredited Continuing Education, requires that anyone who is in a position to control the content of an educational activity disclose all relevant financial relationships they have had within the last 24 months with an ineligible company.

None of the planners and presenters for this educational activity have relevant financial relationship(s) to disclose with ineligible companies whose primary business is producing, marketing, selling, re-selling, or distributing healthcare products used by or on patients.

Gavin Harris, MD

Sharon Vanairsdale, DNP, APRN, ACNS-BC, NP-C, CEN, FAEN, FAAN

Yasmin Thornton, MPH

Allison Klajbor, MBA

Sonia Bell, MBA

George Marshall Lyon III, MD, MMSC

Alexander Isakov, MD, MPH

Wade Miles, NR-P

Colleen Kraft, MD

The following planners / presenters listed below have disclosed that they have a relevant financial relationship with an ineligible company.

	<u>Nature of Relationship</u>	<u>Name of Ineligible Company</u>
Aneesh Mehta, MD	Grant/Research Support	ASPR, NIH, CDC

All of the relevant financial relationships listed for this individual have been mitigated.