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Emory University  
Serious Communicable Diseases Program (SCDP)  
Project ECHO Program  
Managing Lassa Fever  
Thursday, December 19, 2024  
11 AM – 12 PM (ET)

**Facilitator/Director:** *Gavin Harris, MD – Assistant Professor of Medicine and the Serious Communicable Diseases Program (SCDP) Director of Education and Outreach, Emory University School of Medicine, Divisions of Pulmonary, Allergy, Critical Care, and Sleep Medicine & Infectious Diseases*

**Didactic Presenter:**

- Colleen Kraft, MD, MSc – Professor, Emory University School of Medicine, Department of Pathology and Laboratory Medicine, Division of Infectious Diseases (may also need to update on Zoom)

**Case Presenter:**

- Jake Dunning, MD, PhD - Consultant (attending) Physician and Clinical Associate Professor in Infectious Diseases, Royal Free Hospital; Senior Research Fellow at the Pandemic Sciences Institute at the University of Oxford

**Target Audience:**

- Anyone interfacing with patients or responsible for patient/community health, including physicians, nurses, EMTs, paramedics, pharmacists, hospital administrators, public health officials, etc., are welcome to attend.

**Session Objectives:**

- Gain an overview of the current epidemiologic state of Lassa Fever Virus (LASV)
- Understand the clinical presentation and how to implement identify/isolate/inform principles as pertaining to a suspect or confirmed case of LASV
- Gain an understanding of the clinical management, infection control principles, and available medical countermeasures for LASV

**Connection Details:** [https://zoom.us/webinar/register/WN\\_LgqIGk-HSPm8n-3TQCz75g](https://zoom.us/webinar/register/WN_LgqIGk-HSPm8n-3TQCz75g)

Time	Topic	Presenter
11:00 -11:05	Welcome, Intros, Polls	Harris



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11:05 -11:10	Situation Report – Overview of Current Disease Outbreaks	Harris
11:10 -11:20	A Family Cluster of Lassa Fever Cases in the UK	Dunning
11:20 – 11:35	Lassa Fever: Epidemiology, Disease Course, and Medical Management	Kraft
11:35 -12:00	Discussion/Q&A (Audience can submit questions and experts will discuss)	Harris, Dunning, Kraft
12:00	Wrap-up, Polls	Harris

**Bios:**

**Gavin Harris, MD**

Gavin H. Harris, MD is an Assistant Professor of Medicine at Emory University School of Medicine, holding appointments in both the Division of Pulmonary, Allergy and Critical Care Medicine and the Division of Infectious Diseases. He has been on faculty at Emory since 2020 and his professional expertise lies in the areas of disaster preparedness, medical countermeasures, and the treatment of special pathogens. Dr. Harris is the Director of Education and Outreach for the Emory University Serious Communicable Diseases Program Project ECHO and SitRep, the co-clinical lead for critical care medicine for Emory's Serious Communicable Diseases Unit (SCDU), and a rostered physician for the SCDU. Additionally, Dr. Harris is an alumni fellow of the Johns Hopkins University Bloomberg School of Public Health's Center for Health Security Emerging Leaders in Biosecurity Initiative (ELBI) as well as faculty with the National Emerging Special Pathogens Training and Education Center (NETEC) as an adult care subject matter expert and a biothreats subject matter expert with the Southern Regional Disaster Response System (SRDRS).

**Colleen Kraft, MD, MSc**

Dr. Kraft is a Professor in the Department of Pathology and Laboratory Medicine and the Department of Medicine, Division of Infectious Diseases. Dr. Kraft is clinically trained and board certified in Internal Medicine, Infectious Diseases, and Medical Microbiology. Dr. Kraft has had clinical and diagnostic experience in many infectious disease 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. Dr. Kraft works on antibiotic resistance elimination with the use of microbiome therapeutics such as fecal microbiota transplants.

**Jake Dunning, MD, PhD**



Consultant (attending) Physician and Clinical Associate Professor in Infectious Diseases at the Royal Free Hospital in London, England, where he leads the hospital's airborne- and contact-high consequence infectious disease (HCID) services. He graduated from Imperial College London in 2001 with degrees in Pharmacology, and Medicine and Surgery. His PhD in viral immunology was also at Imperial, focussing on mechanisms of severe influenza. The Royal Free houses the UK's principal high level isolation unit where adult patients with confirmed contact HCIDs (viral haemorrhagic fevers) receive care. The Royal Free team has managed 7 cases since 2009 (Ebola, Lassa, CCHF) and 7 cases between 1976 and 2008 (mostly Lassa, but also an Ebola case in 1976). Jake is also Director of NHS England's Contact High Consequence Infectious Diseases Network, a Member of the UK government's Advisory Group on Dangerous Pathogens, and a member of the WHO IHR Emergency Committee for mpox.

Jake is also a Senior Research Fellow at the Pandemic Sciences Institute at the University of Oxford. His research in the UK and overseas focusses on emerging and high consequence infectious diseases, as well as acute respiratory infections, covering clinical characterisation, transmission, pathogenesis, evaluations of treatments, and prevention of cases and outbreaks. Previously he worked for Public Health England (now UK Health Security Agency) as Head of Emerging Infections and Zoonoses, Head of the Enteric Virus Unit, and Medical Consultant to the Respiratory Virus Unit (2015-2021) and was a National Incident Director for COVID-19 response. He maintains an honorary consultant position in Emergency Preparedness, Resilience and Response at UKHSA, focussing on HCIDs and biological agent incidents.

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.



### **AMA Designation Statement**

Project ECHO® designates this live activity for a maximum of 1.0 *AMA PRA Category 1 Credit™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### **ANCC Designation Statement**

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.



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### 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

Aneesh Mehta, MD, FIDSA, FAST

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

Yasmin Thornton, MPH

Allison Klajbor, MBA

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>
Colleen Kraft, MD, MSC	Consultant	Ferring/Rebiotix
	Advisor	Seres Therapeutics
	Advisor	Vedanta Biosciences
Jake Dunning, MD, PhD	Clinical Adjudicator	GSK

All of the relevant financial relationships listed for these individuals have been mitigated.