

## Thinking Ahead of the World Cup: Respiratory Pathogens (Novel Influenza, MERS)

### Emory University Resources:

- Session Resources
  - Post session resources (podcast of webinar, presentation slides, responses to unanswered questions) can be found on our website
    - <https://scdp.emory.edu/programs/echo-program/resources.html>
- Region 4 Situation Report
  - <https://scdp.emory.edu/programs/echo-program/situation-report.html>
- Register for upcoming sessions on our website
  - <https://scdp.emory.edu/programs/echo-program/echo-sessions.html>
- Region IV Concept of Operations (CONOPS) - Regional Partners and Contacts
  - <https://netec.org/about-netec/partners-regional-contacts/#regional-contacts>
- NETEC
  - <https://netec.org/>
- NETEC – National Special Pathogens System of Care (NSPS)
  - <https://netec.org/nsps/>

### General External Resources:

Disclaimer - Our program provides additional resources that may be of use to our session attendees. This list is not inclusive, nor does our program endorse specific organizations.

- Healthmap.org (Location based alerts)
- Center for Infectious Disease Research and Policy (CIDRAP), University of Minnesota (UNM)
- The University of Nebraska Medical Center (UNMC) - Global Center for Health Security: The Transmission
- Global Biodefense
- CDC – Division of High-Consequence Pathogens and Pathology
- Georgia Department of Public Health – Travel Clinical Assistant (TCA)
  - <https://dph.georgia.gov/TravelClinicalAssistant>
- ProMED – International Society for Infectious Diseases

Please continue to check your local and state public health websites for additional resources and guidance.

### Session Resources:

- NETEC Resource Library
  - [EMS Biosafety - Identify, Isolate, Inform · NETEC Resource Library](#)

- [Identify, Isolate, Inform Tip Sheet · NETEC Resource Library](#)
- Food Safety and Bird Flu
  - <https://www.cdc.gov/bird-flu/prevention/food-safety.html>
- CDC – Middle East Respiratory Syndrome (MERS): Diagnostic testing, considerations, Determining a Testing Approach
  - <https://www.cdc.gov/mers/hcp/diagnosis-testing/index.html>
- CDC Traveler's Health
  - <https://wwwnc.cdc.gov/travel>
- Beacon Disease Events
  - <https://beaconbio.org/en/>
- Brown University, School of Public Health, Pandemic Center
  - <https://pandemics.sph.brown.edu/>

### Responses to Unanswered Questions:

- If an infected animal is cooked and consumed, does that render it safe for consumption?
  - It does depend on the pathogen - for novel flu A, cooking poultry to appropriate temperatures and/or pasteurization of appropriate products has been shown to render it safe for consumption.
- Do you have recommendations for assessing exposures to someone with MERS? Or exposure criteria (6 feet for 15+ min; same airspace, etc.)?
  - Per CDC guidelines, close contact is defined as a) being within approximately 6 feet (2 meters), or within the room or care area, of a confirmed MERS patient for a prolonged period of time (such as caring for, living with, visiting, or sharing a healthcare waiting area or room with, a confirmed MERS patient) while not wearing recommended personal protective equipment or PPE (e.g., gowns, gloves, NIOSH-certified disposable N95 respirator, eye protection); or b) having direct contact with infectious secretions of a confirmed MERS patient (e.g., being coughed on) while not wearing recommended personal protective equipment.
  - Additional information can be found at <https://www.cdc.gov/mers/hcp/diagnosis-testing/index.html> under “determining a testing approach.”
- Do we know if the diagnostic supply chain is prepared to pre-empt surge testing equipment to host location states - both at-home antigen and POC molecular?
  - Identification, pre-test probability, and clinical suspicion are essential in diagnosing potential emerging infections.
  - While supply chain readiness is an important operational consideration, effective test utilization begins with recognizing risk, understanding exposure dynamics, and deploying diagnostics where they will have the greatest clinical and public health impact.

