

## Measles – Strategies for Healthcare Preparedness

### 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:

- Georgia Department of Public Health Measles Resources
  - <https://dph.georgia.gov/epidemiology/acute-disease-epidemiology/vaccine-preventable-diseases/measles>
- CDC Measles Resources

- Interim Infection Prevention and Control Recommendations for Measles in Healthcare Settings
  - <https://www.cdc.gov/infection-control/hcp/measles/index.html>
- Appendix A: Considerations when Evaluating a Person for Exposure to Measles in a Healthcare Setting
  - <https://www.cdc.gov/infection-control/hcp/measles/appendix-a.html>
- Appendix B: Additional Information about Respirators
  - <https://www.cdc.gov/infection-control/hcp/measles/appendix-b.html>
- Infection Control in Healthcare Personnel: Epidemiology and Control of Selected Infections Transmitted Among Healthcare Personnel and Patients (2024)
  - <https://www.cdc.gov/infection-control/hcp/healthcare-personnel-epidemiology-control/measles.html>
- Appendix B. Air
  - <https://www.cdc.gov/infection-control/hcp/environmental-control/appendix-b-air.html>

#### Session Reminders:

- Measles is a highly contagious disease that can cause serious illness, hospitalization, blindness, and death in those affected.
- Healthcare facilities should be alert to potential measles cases utilizing the Identify-Isolate-Inform model and consider at risk those with fever, runny nose/eyes, and rash who are unvaccinated or unsure of their vaccination status.
- Healthcare personnel should use respiratory protection such as an N95 respirator or equivalent, and place suspected measles patients in airborne infection isolation rooms (AIIR) or if not available, into a private room with the door closed.
- Measles is considered transmissible for 4 days before and after the rash begins and immune compromised individuals may not develop a rash and may need to remain in isolation for longer periods.

#### Responses to Unanswered Questions:

- Are any institutions using an Isopod for transfer of r/o measles? How extensive are you shutting down hallways for patient's to travel throughout the hospital?
  - I am not aware of any facilities or EMS agencies using an Isopod for measles transport.
  - For movement within the hospital: Minimize when possible, Mask patient when possible, Transporters wear N95s, Use shortest route where traffic can be controlled.
- Can blindness be permanent or does vision typically recover?

- Here is a great resource for more information from the American Academy of Ophthalmology: <https://www.aao.org/salud-ocular/consejos/six-ways-measles-can-affect-eyes-2#:~:text=Retinopathy:%20While%20rare%2C%20there%20are,neuritis%20has%20also%20been%20noted.>
- What is the isolation duration if a patient never develops a rash?
  - Duration of illness.