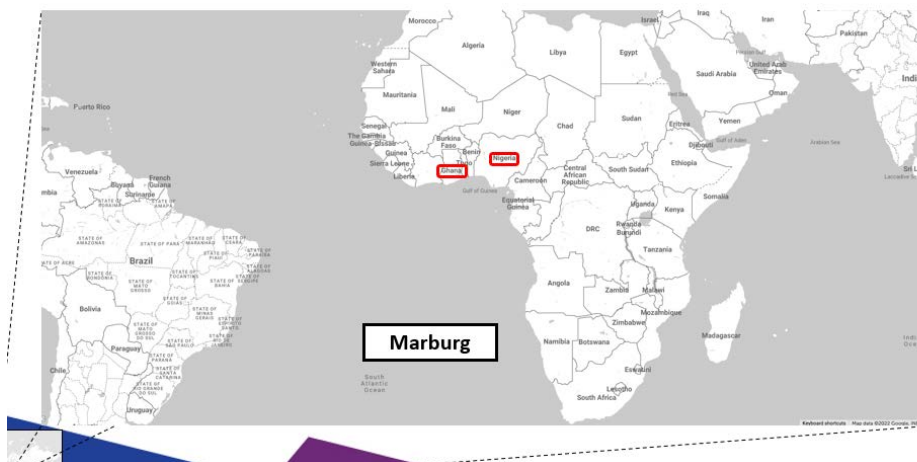


The Monkeypox Virus: Through the Lens of EMS

Session Resources:

- Post session resources (podcast of webinar, presentation slides, responses to unanswered questions) can be found on our website next week
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/access-past-echo-recordings.html>
- Register for upcoming sessions on our website
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/echo-upcoming-session.html>
- HHS Region IV Emory University SCDP
 - <https://med.emory.edu/departments/medicine/divisions/infectious-diseases/serious-communicable-diseases-program/covid-19-resources/index.html>
- NETEC
 - <https://netec.org/>
- CDC Criteria for Vaccination
 - <https://www.cdc.gov/poxvirus/monkeypox/vaccines.html>
- NETEC Resource Library
 - <https://repository.netecweb.org/exhibits/show/monkeypox/monkeypox>
- CDC – Tecovirimat
 - <https://www.cdc.gov/poxvirus/monkeypox/clinicians/obtaining-tecovirimat.html>
- EPA – Disinfectants for Emerging Viral Pathogens
 - <https://www.epa.gov/pesticide-registration/disinfectants-emerging-viral-pathogens-evps-list-q#search>
- CDC – Disinfecting Home and other Non-Healthcare settings
 - <https://www.cdc.gov/poxvirus/monkeypox/specific-settings/home-disinfection.html>

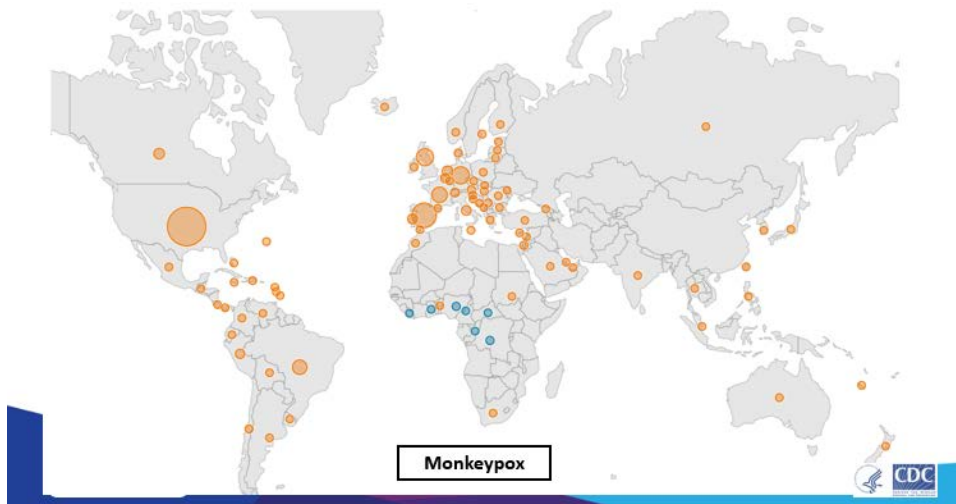
Situation Report:



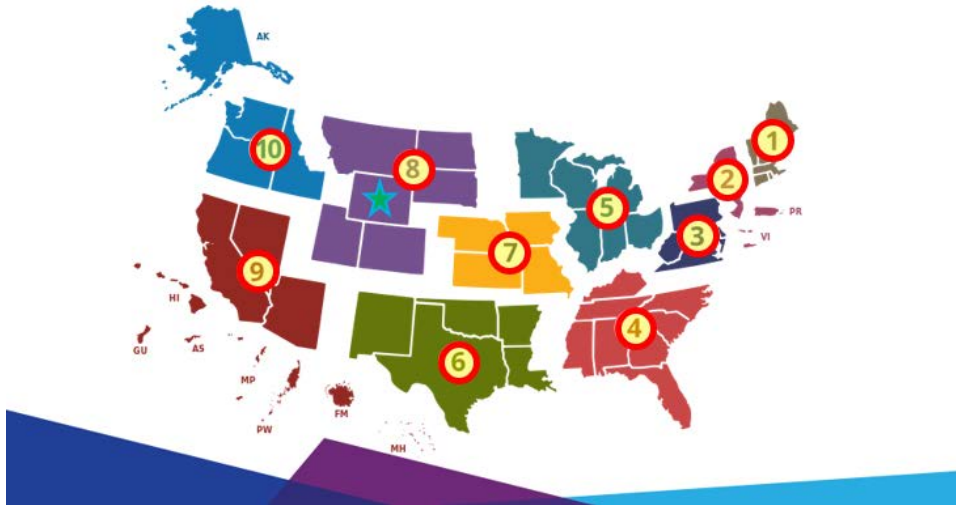
- Despite unsubstantiated reports, there have been no new confirmed cases of Marburg in Ghana or Nigeria.
- Surveillance efforts continue.



- In Iraq the WHO has confirmed 287 cases of CCHF and 52 fatalities marking an 18% case fatality rate.
- The country of Georgia has confirmed 42 cases and 2 deaths, the highest number seen since CCHF was first isolated there in 2009.
- Two cases have been confirmed in Spain in two men, one fatal - diagnosed via autopsy, and the other with tick-bite exposure. The second individual remains in a biocontainment unit.



- There are over 40,000 confirmed cases in 94 countries. To reflect the latest science and reduce stigma, the WHO is in the process of renaming the virus.
- The current viral clade circulating, formerly known as the West African Clade, has been renamed Clade II.



- In the United States (as of 8.17.22) there are over 13,500 confirmed cases of Monkeypox in every region with only Wyoming not yet reporting. 3 pediatric cases have now been confirmed as vaccination eligibility expands nationwide.



- In, Region 4, Monkeypox cases have doubled to over 2,800 from the previous week, the most in Florida and Georgia.
- Healthcare workers are advised to be on alert for atypical presentations.

Additional Discussion:

- How long is immunity conferred by the current vaccines available?
 - Based on limited efficacy and effect in the studies, this information is currently unknown.
- If someone was vaccinated with Smallpox in the past and they are high-risk, should they be vaccinated for Monkeypox?
 - If you fall within the high-risk category, you are encouraged to get vaccinated, even if you were vaccinated in the past.
- Have UV-C lamps been known to be effective for disinfection?

- According to the [CDC](#), Monkeypox is part of the orthopoxvirus family and is sensitive to UV-C.
 - It is VERY important that cleaning is done before disinfecting with something like UV.
- What about electrostatic spraying around the station?
 - The EPA has a [list of disinfectants](#) that have been approved for Tier 1 pathogens, which includes Monkeypox.
- Can you touch on the incidence of transmission from infected surfaces and how long the virus can last on surfaces?
 - Primary transmission is through direct exposure to lesions.
- Can you speak on mortality in relation to Monkeypox?
 - Mortality for Monkeypox is very low.
- What are long term complications?
 - At this time, we only have knowledge of scarring.
 - Additional information is unknown.
- Why is Tecovirimat difficult to get a hold of?
 - Please review the [CDC website](#) for additional information and check with your state health department.