Monkeypox (MPX) Briefing

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Maryland Hospital Association
Discussion Topics

● Current Situation
● Maryland’s Response
  ■ Vaccination
  ■ Treatment
● Questions
U.S. Case Counts

- 16,603 total confirmed cases in the U.S.
- Region 3:
  - MD 447
  - DC 402
  - DE 19
  - PA 451
  - VA 284
  - WVa 4

Data reported as of 8/24/2022.
CDC U.S. Map and Case Count
Maryland Cases

Positive Cases by Week of Specimen Collection Date**

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<tr>
<th>Date</th>
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**Case counts may lag because of testing turnaround times.

Does not reflect pending tests.
Vaccine for MPX Outbreak Mitigation

Priority One:

Traditional Post-Exposure Prophylaxis (PEP):
- Public health identified contacts of known cases
- Healthcare and lab staff inadvertently exposed

Priority Two:

Expanded Post-Exposure Prophylaxis (ePEP):
- Self-identified close contact of a known or unknown case
- Impacted Community Members with potential exposures in the prior 2 weeks.

Priority Three: FUTURE PLANNING AS VACCINE SUPPLY EVOLVES

Pre-exposure Prophylaxis (PrEP)
- Community at higher risk who do not meet ePEP criteria
Jynneos Vaccine

- FDA approved for pre- and post-exposure prophylaxis
- Administration:
  - 2 subcutaneous doses, 28 days apart
  - **August 9: FDA approved 2 intradermal doses 28 days apart**
    - Smaller volume—⅕ of the dose (0.5mL vial → up to 5 doses)*
- Total MD allocation to date: 14,525 vials
- Phased roll out strategy:
  - All LHDs have an allocation of vaccine for close contacts (PEP)
  - 4 LHDs have ramped up community vaccination clinics for ePEP:
    - Baltimore City, Baltimore County, Montgomery County, Prince George’s County
  - With greater number of vaccine doses, ePEP vaccination will be available in more jurisdictions.

*Note: Extracting 5 doses/vial has been a challenge.*
MPX Treatment

• Tecovirimat (also known as TPOXX, ST-246)
  • TPOXX is an antiviral medication that is approved by the FDA for treating smallpox but is available for MPX under an EA-IND
  • Indicated for infected individuals:
    • With severe disease
    • Who are at high risk of severe disease (e.g. immunocompromise, younger children, pregnant or breastfeeding women)
• Many Maryland healthcare systems have pre-positioned TPOXX
• Other providers can contact their local health department for additional guidance about how to obtain TPOXX
• Other treatment options are discussed on the CDC website: Treatment Information for Healthcare Professionals.
Thank you! Questions?

Maryland Department of Health MPX web page: health.maryland.gov/monkeypox

- Clinician letters
- Testing guidance
- Fact sheets for public
- Informational videos