

## Mpox Guidance for Clinicians and Healthcare Systems: Vaccines

Last updated: 12/20/22

### Important Points:

- Anyone who has been exposed or thinks they may be at higher risk of mpox can get vaccinated.
- Timing matters: exposed patients should ideally get a vaccine within 4 days.
- JYNNEOS is a two-dose vaccine.
- If you have a patient who would like to be vaccinated, have them call WCHD at 734-544-6700.

#### Vaccine - General Information

- JYNNEOS is licensed by the FDA for individuals 18 years and older to prevent smallpox and mpox infection. This vaccine contains a live *Vaccinia virus* that is not replication competent.
- The JYNNEOS vaccine is given in a two-dose series, administered as two subcutaneous injections 28 days apart. Patients are considered fully vaccinated two-weeks after administration of the second dose
- This vaccine is considered safe and has limited side effects, which are typically contained to injection site reactions. Some patients may experience fatigue, headache, and muscle aches after injection as well.

#### Vaccine Strategy

- Vaccines are currently being distributed from the Strategic National Stockpile and being manufactured to increase national capacity for vaccination.
- Vaccines are being distributed to the states, and then reallocated to local health departments based on factors such as geographic location, population, and case numbers.
- In Michigan, there are 8 vaccine “hubs” that are responsible for redistributing vaccines as needed to adjacent counties. Washtenaw County is one of these vaccine hubs.

#### Current Eligibility Criteria for Mpox Vaccination (as of 12/20/22)

Anyone who was exposed to mpox within the last 14 days OR who thinks they may be at risk for mpox may get vaccinated. Those who may be at higher risk of mpox include:

- Individuals engaged in any type of sex work.
- Partners of individuals who engage in higher-risk sexual activities.

- Close/household contacts of individuals who have been exposed to mpox or engaged in higher-risk activities.
- Men who have sex with men and have a history of STI in the last year.
- Individuals who plan to have multiple sex partners.
- Individuals who plan to have close contact at a high-risk event or high-risk venue.
- Individuals taking HIV PrEP or those living with HIV.
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Those who have been exposed and those in these higher risk categories should get vaccinated against mpox.

### **Vaccination Timing**

- Vaccines should be given to patients who meet the above criteria ideally within the first 4 days after known or possible exposure.
- Vaccination is possible up to 14 days past the time of exposure. Vaccines given between days 4-14 after exposure may reduce disease severity but may not be effective at preventing disease.
- Patients cannot be vaccinated once symptoms begin.

### **How To Get The Vaccine**

- If you have a patient who would like to be vaccinated, you can send them to the WCHD.
  - To make an appointment, call the Health Department at 734-544-6700. Leave a message if needed and our staff will return the call as soon as possible.
- If your office/healthcare practice is interested in providing the vaccine for your patients, WCHD may be able to provide you with a small amount of vaccine if you meet the following criteria:
  - Must be COVID vaccine prescriber to be eligible
    - If interested, fill out [this form](#), and email it to [biologics@washtenaw.org](mailto:biologics@washtenaw.org)

### **Additional Resources**

- [Mpox Vaccine | Washtenaw County, MI](#)
- [Mpox Information for Providers | Washtenaw County, MI](#)
- [Considerations for Mpox Vaccination | Mpox | Poxvirus | CDC](#)