

Monkeypox

By LRPHC

What is it?

- ❖ Rare disease caused by infection with the monkeypox virus
- ❖ Virus is in same family as the virus that causes smallpox
- ❖ Reported in several central and western African countries prior to 2022 outbreak
- ❖ 2 types (clades): West African and Congo Basin
- ❖ Symptoms similar to smallpox symptoms, but more mild
- ❖ Rarely fatal
- ❖ The source of the disease is unknown

Timeline



- 1958: Discovered during outbreaks of pox-like disease occurring in monkeys kept for research
- 1970: First human case of monkeypox recorded
- 1970s: Routine smallpox vaccination stopped, subsequent rise of monkeypox cases
- 2022: By May of 2022, several cases reported by countries in which disease is not endemic
 - Disease linked to international traveling to affected countries
- 7/23/2022: World Health Organization (WHO) declares monkeypox public health emergency

How it is spread

- ❖ Person-to-person through:
 - ❖ Direct contact with infectious rash, scabs, or body fluids
 - ❖ Respiratory secretions during prolonged, face-to-face contact
 - ❖ Touching items previously touched by infectious rash/fluids
 - ❖ Pregnant women can transfer the virus to their fetus through the placenta
 - ❖ **Not easily transmitted**

So, what are the Symptoms?



Monkeypox symptoms

- Typically last 2-4 weeks
- Fever
- Headache
- Muscle aches and backache
- Swollen lymph nodes
- Chills
- Exhaustion
- A rash that can look like pimples or blisters on:
 - Face
 - Inside the mouth
 - Hands
 - Feet
 - Chest
 - Genitals or anus





Monkeypox how it looks



How to protect yourself

- Avoid close, skin-to-skin contact with people who have a rash that looks like monkeypox
- Do not touch rash or scabs of infected individuals
- Do not kiss, hug, cuddle or have sexual intercourse with infected individuals
- Do not share eating utensils or cups with infected individuals
- Do not handle or touch bedding or towels of infected individuals
- **Wash hands often with soap and water or alcohol-based hand sanitizer**

Think you
may have
monkeypox?

- Contact your healthcare provider.
- Isolate at home
- Stay in separate room if infected and have a rash
- Stay away from people and pets when possible

What is the treatment?

- No specific treatment for the virus
- Smallpox vaccines: JYNNEOS and ACAM2000
- Antivirals, such as tecovirimat (TPOXX), may be recommended for people more likely to get severely ill (e.g. those with weakened immune systems)

Vaccine Eligibility:

- Vaccine supply is still limited nationally
- Allotment from the federal government to each state based upon number of cases
- Must meet the CDC's current eligibility criteria:
 - Known contacts identified by public health via case investigation
 - Presumed contacts who:
 - Know that a sexual partner in the past 14 days was diagnosed with monkeypox
 - Had multiple sexual partners in the past 14 days in a jurisdiction with known monkeypox
- Eligibility will be expanded if and when more doses are received from the CDC

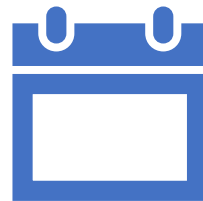
What about
my vacation
plans?

- [2022 Monkeypox Outbreak Global Map | Monkeypox | Poxvirus | CDC](#)
- [2022 U.S. Map & Case Count | Monkeypox | Poxvirus | CDC](#)

Obtaining vaccine:



A doctor performs risk and exposure assessments before referral.



Once confirmed, a person makes their own appointment.



JYNNEOS will be by appointment only at a vaccine site.

Massachusetts Monkeypox Vaccine Sites By Appointment

- Fenway Health (Boston):

617-927-6060

M-F 9 AM and 5 PM

- Massachusetts General Hospital Sexual Health Clinic (Boston):

617-726-2748

M- F 9 AM and 5 PM

- Outer Cape Cod Health Services (Provincetown):

508-905-2888

M – F 8 AM and 5 PM

- JRI Health (Framingham):

508-935-2960

M 8 AM and 4 PM, Tue – Thur 8 AM – 6: 30 PM

- Greater Lawrence Family Health Center (Lawrence):

978-685-7663

M – F 8 AM to 4 PM

- Baystate Medical Center Brightwood Health Center (Springfield):

413-794-4458

M - Friday 8 AM and 5 PM

- Tapestry Health (Springfield):

413-586-2016, extension 121

M - F 8 AM and 4 PM

- AIDS Project Worcester and University of Massachusetts Medical Center (Worcester):

508-755-3773, extension 113

M – F 9 AM and 5 PM

- Seven Hills Behavioral Health (New Bedford):

774-634-3725

M - F between 9 AM and 5 PM

- Health Innovations (Randolph)

339-987-1956

M – F 10 AM and 5 PM

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