



To: CAHAN San Diego Participants

Date: August 16, 2022

From: Public Health Services

Health Advisory Update #4: Human Monkeypox Vaccination with Jynneos®

Key Messages

- Jynneos® vaccination supply is very limited but may be available for [certain populations at high risk of monkeypox \(MPX\)](#).
- The Food and Drug Administration (FDA) has granted [Emergency Use Authorization \(EUA\)](#) for Jynneos® to be given by intradermal (ID) injection to individuals aged 18 years and older and by subcutaneous (SC) injection to those under age 18.
- ID administration of Jynneos® is a CDC-recommended strategy allowing the currently very limited vaccine supply to protect five times as many people than SC administration.
- The County of San Diego (County) continues to vaccinate people who have been identified during the case investigation process as [high- or intermediate-risk close contacts](#) of confirmed or probable MPX cases.
- The County highly recommends the ID administration of Jynneos® over SC in individuals 18 years and older.

Situation

As of August 15, 2022, 163 confirmed or probable MPX cases have been reported among San Diego County (SDC) residents. On August 1, 2022, the Governor declared a state of emergency to enhance response efforts for the statewide MPX outbreak. Due to ongoing MPX transmission in SDC, a [local health emergency](#) was issued on August 2, 2022. Case counts for San Diego cases are updated on Mondays [here](#), California case counts are updated [here](#), and national case counts are provided [here](#).

Background

MPX prevention measures include vaccination. The Jynneos® vaccine is currently licensed in the US to prevent MPX in adults and is available from the federal government to state and local health departments. National supplies of Jynneos® are very limited. California uses [a formula for vaccine allocations](#) to the state's local health departments. Initially, prioritization of vaccine administration was based on CDC criteria. Due to limited vaccine supply, the County is recommending prioritizing Jynneos® vaccination for two situations: post-exposure prophylaxis (PEP) and Expanded Post-Exposure Prophylaxis (PEP++) as guided by CDPH.

Recommendations

Populations currently eligible for PEP include:

- People who have been identified as [high- or intermediate-risk close contacts](#) of confirmed or probable MPX cases during the case investigation process.

Populations currently eligible for PEP++ include the following as outlined by CDPH:

Tier I Priority Groups:

- Gay, bisexual, and other men (including cisgender and transgender men) who have sex with men (MSM) or transgender women who meet at least one of the following criteria:
 - Have been diagnosed with a bacterial sexually transmitted disease (e.g., chlamydia, gonorrhea, syphilis) in the past 3 months, OR
 - Have engaged in chemsex or group sex with other men, OR
 - Have had sex recently with anonymous male partners, OR
 - Have attended sex-on-premises venues (e.g., saunas, bathhouses, sex clubs), OR
 - Have engaged in survival and/or transactional sex, OR
 - Are part of other populations who are at highest risk of MPX exposure, as identified through local epidemiological investigations.
 - Among this group, individuals who are living with HIV (particularly those with CD4 count < 200/mm³ or an opportunistic infection) or other conditions that cause immunocompromise should be prioritized for vaccination, including second doses.

Tier II Priority Groups:

- Gay, bisexual, and other men (including cisgender and transgender men) who have sex with men (MSM) or transgender women who do not meet Tier I criteria but meet one of the following criteria:
 - Have been diagnosed with a bacterial sexually transmitted disease (e.g., chlamydia, gonorrhea, syphilis) between the past 4- 12 months, OR
 - Use or are recommended to use HIV PrEP, OR
 - Are living with HIV and are considered at risk for MPX exposure.

Vaccination is one of several measures to prevent MPX transmission. Avoiding close contact or intimate/sexual contact, sharing towels, and sharing clothes with anyone who has a MPX-like rash or other symptoms may reduce the chances of acquiring MPX. CDC also [recommends limiting sexual partners](#) and avoiding sex parties.

Actions Requested

1. If receiving a Jynneos[®] vaccine allocation, consider administration of PEP and prioritize PEP++ for eligible groups in consultation with infectious disease experts.
2. ID administration of Jynneos[®] (0.1ml each) is highly recommended for adults aged 18 and older, except those prone to forming keloid scars. CDPH is currently reviewing the FDA guidance and will determine if first dose prioritization is indicated over the 2-dose series.
3. Children under age 18 and adults prone to forming keloid scars are recommended to receive SC administration of Jynneos[®] if eligible (0.5ml each).
4. Document Jynneos[®] administration method and amount given in CAIR2 within 24 hours of vaccination.
5. For those individuals receiving vaccine by the SC method, first doses are being prioritized until an adequate vaccine supply is available. For those that receive the ID administration, follow-up information will be provided on first dose prioritization versus 2-dose regimen based on CDPH recommendations.

Resources

- [How to administer a JYNNEOS vaccine intradermally - YouTube | CDC](#)
- [JYNNEOS Vaccine | Monkeypox | Poxvirus | CDC](#)
- [U.S. Monkeypox Outbreak 2022: Situation Summary | Monkeypox | Poxvirus | CDC](#)
- [Safer Sex, Social Gatherings, and Monkeypox | Monkeypox | Poxvirus | CDC](#)
- [Intradermal administration guide for JYNNEOS | CDPH](#)
- [CAHAN Human Monkeypox | San Diego County](#)
- [Health Advisory: Meningococcal Infections and Monkeypox in Men who Have Sex with Men | San Diego County](#)

Thank you for your participation.

CAHAN San Diego

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