

# Vaccination for Prevention of Monkeypox (mpox)

In the United States, the **JYNNEOS vaccine** has been approved by the FDA for the **prevention** of mpox and smallpox. In Illinois (due to a supply shortage), individuals eligibility for this vaccine are sexually active gay, bisexual, or other same-gender-loving men, and transgender and non-binary communities.

## JYNNEOS vaccine administration

The vaccine is given **subcutaneously** (under the skin) or **intradermally** (in between the layers of the skin). Both require getting a shot, usually in the arm.

You must get **two doses** for full protection regardless of the method of administration. The second dose should be at least 28 days after your first dose.

**Intradermal administration** is not for everyone (though most people will get the vaccine this way). A provider should give you a subcutaneous vaccine if you:

- Are under the age of 18
- Have a history of developing keloid scars

## Potential side effects from the JYNNEOS vaccine

### Subcutaneous or Intradermal dose

Common side effects include:

- Tiredness
- Redness
- Soreness
- Headache
- Swelling
- Itchiness
- Muscle pain

### Intradermal dose only

It is normal to have a small "bleb" or pocket of fluid in the skin, similar to a bug bite after the vaccine. Symptoms at the injection site are more likely.

## How to get the JYNNEOS Vaccine

Talk with a trusted health care provider or your local health department for help and ease in finding the nearest vaccination location.

## Common Questions

### Is the JYNNEOS vaccine safe for those living with HIV or with compromised immune systems?

Yes. The level of immune response is the same for those living with HIV or who have a compromised immune system. **It is vital** that those who are immunocompromised receive a second dose 28 days after the first dose due to potentially less immune response.

### Can I get the vaccine at the same time as other vaccines?

Yes. Except for Pfizer or Moderna COVID-19 vaccines, due to an increased risk of **myocarditis** (inflammation of the heart), which is exceptionally high for young adult males. Waiting four weeks after JYNNEOS to get a COVID-19 vaccine is recommended. **HOWEVER**, if you have had a mpox exposure, you should still get the JYNNEOS vaccine.

### What should I do if I have a severe reaction to the vaccine?

Though unlikely, there are reported severe allergic reactions, such as hives, swelling of the face and throat, difficulty breathing, a fast heartbeat, dizziness, and weakness. Call 911 or go to the nearest hospital if exhibiting these symptoms.

### How well does JYNNEOS work?

Clinical data shows the vaccine should be effective in preventing mpox. However, we do not have real-world data due to this being a current outbreak. Due to this reason, it's important to continue other preventative measures.

