



MONKEYPOX VACCINE

Frequently Asked Questions

as of July 14, 2022

What vaccine is available for use?

At this time, JYNNEOS vaccine is available for use.

Can JYNNEOS be used after exposure?

Yes. The vaccine should be administered within 4 days from the date of exposure to prevent onset of the disease.

Can JYNNEOS still be used after 4 days from exposure?

Yes. The vaccine may still be administered up to 14 days after the date of exposure however, it may not prevent the disease but could reduce symptoms. [Click here for more.](#)

What type of vaccine is JYNNEOS?

JYNNEOS is a live vaccine.

How many doses in the series?

JYNNEOS is a 2-dose vaccine.

What is the dose?

The vaccine dose is 0.5mL.

What is the spacing?

Space the doses 4 weeks apart or (28 days apart).

Who is eligible for the vaccine?

At this time, close contacts identified by public health case investigation, contact tracing and risk exposure assessments are eligible for the vaccines.

Is the JYNNEOS vaccine safe for patients with HIV or Atopic Dermatitis?

Yes. The vaccine can be used safely in these populations. [Click here for more.](#)

When is a person considered vaccinated?

2 weeks after the second dose of the vaccine.

What are the contraindications to vaccination?

An allergic reaction to a previous dose of the JYNNEOS vaccine or an allergy to any of the ingredients such as gentamicin, ciprofloxacin or egg protein.

What are the precautions to vaccination?

- Immunocompromised persons may have diminished immune response to JYNNEOS.
- Because of unknown risk for myocarditis after receipt of JYNNEOS, individuals should consider waiting 4 weeks after receipt of JYNNEOS and a COVID-19 mRNA vaccine.

- Individuals with underlying heart disease or 3 or more cardiac risk factors (hypertension, diabetes, hypercholesterolemia, heart disease at 50 or younger in a first degree relative and smoking) should be counseled about theoretical risk for myopericarditis following vaccination with JYNNEOS.
- JYNNEOS is a live vaccine, and patients should receive all live vaccines at the same time or separate them by 4 weeks. Other live vaccines include: Yellow Fever, MMR, FluMist, Varicella.

Where can I find the expiration date of the vaccine?

The expiration date is found on the vial; however, the Beyond Use Date once refrigerated is 8 weeks and the vaccine should be discarded.

Is there a Vaccine Information Statement?

Yes. It should be provided before vaccine administration. [Click here for Vaccine Information Statement.](#)

Should vaccine adverse events or errors be reported to VAERS?

Yes. All adverse events must be reported to [VAERS](#).

Administration

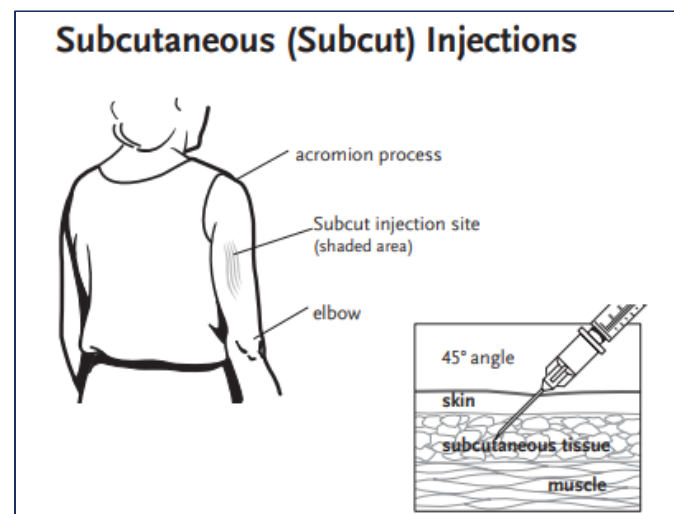
How is the vaccine prepared for administration?

- Remove the single-dose vial from the storage unit.
- If preparing from a frozen state, allow 10 minutes for vaccine to thaw.
- Gently swirl the vial for 30 seconds (vaccine should be milky, light yellow to pale white).
 - If any particulates or discoloration are noted –do not use.
- Remove the cap.
- Clean off the top of the vial with an alcohol wipe.
- Using a 1 or 3 cc syringe with a 5/8" 23-25 gauge needle.
- Withdraw 0.5mL the vaccine.
- Discard the remaining vaccine in the vial in a sharps container.

How is the vaccine administered?

Administer the vaccine subcutaneously in the back of the arm (triceps area). [Click here for more.](#)

1. Clean off the site with an alcohol prep pad.
2. Pinch up on the tissue to prevent injection into the muscle.
3. Insert the needle at a 45° angle to the skin.



Ordering, Storage & Handling

How do we order the vaccine?

At this time, orders for JYNNEOS vaccine must be placed [online](#) on the DHSS portal.

How is vaccine shipped to site?

Shipped in single-dose vials in either a frozen or refrigerated state. Once vaccine is onsite, store as below in original packaging. Vaccine packaging protects the vaccine from light.

- If shipped frozen (-25° to -15°C or -13° to 5°F)
 - Store in freezer or store in refrigerator.
- If shipped refrigerated (2°-8°C or 36° to 46°F)
 - Store in refrigerator. Do not refreeze.

How is the vaccine stored?

- Freezer
 - -25° to -15°C – 2 years
 - Make sure to note on the vaccine vial the date the vaccine is moved out of freezer storage
- Refrigerator
 - 2° to 8°C up to 8 weeks (*this is a change from the package insert*)
 - Make sure to note on the vaccine vial the date the vaccine is put in the refrigerator

Can I transport the vaccine?

Yes. The vaccine may be transported in the vial in a refrigerated state.

How do I pack the vaccine for transport?

Using an [approved](#) vaccine cooler, hard-sided coolers or Styrofoam™ vaccine shipping containers.

NOTE:
This pack-out can maintain appropriate temperatures for up to 8 hours, but the container should not be opened or closed repeatedly.

1. Conditioned Water Bottles
2. Cardboard Sheet
3. Bubble wrap, packing foam, or Styrofoam™
4. Vaccines, Diluents, and Temperature Monitoring Device Probe
5. Bubble wrap, packing foam, or Styrofoam™
6. Cardboard Sheet
7. Conditioned Water Bottles
8. Temperature Monitoring Device Display (on lid)

Close lid – Close the lid and attach DDL display and temperature log to the top of the lid.

Conditioned frozen water bottles – Fill the remaining space in the cooler with an additional layer of conditioned frozen water bottles.

Insulating material – Another sheet of cardboard may be needed to support top layer of water bottles.

Insulating cushioning material – Cover vaccines with another 1 in. layer of bubble wrap, packing foam, or Styrofoam™

Vaccines – Add remaining vaccines and diluents to cooler, covering DDL probe.
Temperature monitoring device – When cooler is halfway full, place DDL buffered probe in center of vaccines, but keep DDL display outside cooler until finished loading.
Vaccines – Stack boxes of vaccines and diluents on top of insulating material.

Insulating cushioning material – Place a layer of bubble wrap, packing foam, or Styrofoam™ on top (layer must be at least 1 in. thick and must cover cardboard completely).

Insulating material – Place 1 sheet of corrugated cardboard over water bottles to cover them completely.

Conditioned frozen water bottles – Line bottom of the cooler with a single layer of conditioned water bottles.

Online Resources

- [CDC: Monkeypox and Smallpox Vaccine Guidance](#)
- [CDC: Considerations for Monkeypox Vaccination](#)
- [CDC: Packing Vaccines for Transport During Emergencies](#)
- [Vaccine Information Statement](#)
- [Administration Instructions](#)
- [Missouri DHSS - Vaccine Ordering](#)
- [VAERS - Report an Adverse Event](#)

