



Public Health Division  
Communicable Disease

# County of Santa Cruz

## HEALTH SERVICES AGENCY

POST OFFICE BOX 962, 1060 EMELINE AVE., SANTA CRUZ, CA 95061  
TELEPHONE: (831) 454-4114 FAX: (831) 454-5049 TDD: Call 711

## JYNNEOS Monkeypox Vaccine

Santa Cruz County Public Health

Revised 8/2/2022

Vial NDC number: 50632-001-01

JYNNEOS Package Insert: <https://www.fda.gov/media/131078/download>

JYNNEOS (VIS) Vaccine Information Statement (for patients - English):

<https://www.cdc.gov/vaccines/hcp/vis/vis-statements/smallpox-monkeypox.pdf>

JYNNEOS VIS (Spanish): [https://www.immunize.org/vis/pdf/spanish\\_smallpox\\_monkeypox.pdf](https://www.immunize.org/vis/pdf/spanish_smallpox_monkeypox.pdf)

### Indications

- FDA-approved indication for monkeypox in adults 18 and older.
- The vaccine is a live-attenuated, non-replicating vaccine and poses no risk to the HCP.

### Contraindications

- Severe allergic reaction to a prior dose of JYNNEOS or a vaccine component.
- Vaccine components: MVA-BN live virus, tromethamine, sodium chloride, residual amounts of Chicken Embryo Fibroblast host-cell DNA and protein, benzonase, gentamicin, and ciprofloxacin.
- Please refer to the [JYNNEOS FDA Package Insert](#) for full details.

### Post Exposure Prophylaxis (PEP)

- If received between 0-4 days of exposure JYNNEOS can support preventing Monkeypox.
- If received between 5-14 days of exposure JYNNEOS can support reducing the severity of symptoms if symptoms of Monkeypox were to develop.

### Storage & Handling

- The vaccine is stored at standard frozen temperature -25°C to -15°C (-13°F to +5°F).
- Store in the original package to protect from light.
- Do not re-freeze a vial once it has been thawed.
- Once thawed in the fridge, the vaccine may be kept at +2°C to +8°C (+36°F to +46°F) for 8 weeks.
  - Please do not thaw until patient appointment is confirmed to preserve shelf-life.
- Do not use the vaccine after the expiration date shown on the vial label.

### Vaccine Preparation & Administration

- Allow the vaccine to thaw and reach room temperature before use.



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- Swirl the vial gently before use for at least 30 seconds. Withdraw a dose of 0.5 mL into a sterile syringe for injection.
- Administer JYNNEOS by **subcutaneous injection**, preferably into the upper arm (deltoid).
- A course consists of 2 doses, 4 weeks apart.
  - Each dose (0.5 mL) is supplied in a single-dose vial.
  - Our team will follow up with a reminder in 3 weeks to ensure the patient is scheduled for follow-up dose and provide a time for delivery of second dose.

### Administration Reporting

- Screening Checklist for JYNNEOS Monkeypox Vaccine: <https://eziz.org/assets/docs/IMM-1433.pdf>
- JYNNEOS is available in CAIR and should be input into CAIR following vaccination to keep the patient's vaccine record updated.
- Adverse events can be reported to VAERS
  - VAERS: <https://vaers.hhs.gov/>
  - VAERS & VERP Flyer (CDPH): <https://eziz.org/assets/docs/IMM-1153.pdf>
- Administration errors can be reported to VERP
  - VERP: <https://www.ismp.org/form/verp-form>

### Monkeypox Resources

- Santa Cruz County Monkeypox Information: [www.santacruzhealth.org/monkeypox](http://www.santacruzhealth.org/monkeypox)
- Santa Cruz County Provider Guidance – Monkeypox Clinician Testing Guidance: <https://www.santacruzhealth.org/Portals/7/Pdfs/PublicHealth/Monkeypox/MPX%20Clinician%20Letter.pdf?ver=4>
- Monkeypox (CDC): <https://www.cdc.gov/poxvirus/monkeypox/index.html>
- Social Gatherings, Safer Sex and Monkeypox: [https://www.cdc.gov/poxvirus/monkeypox/pdf/Social\\_Gatherings\\_Safer\\_Sex2-508.pdf](https://www.cdc.gov/poxvirus/monkeypox/pdf/Social_Gatherings_Safer_Sex2-508.pdf)
- Monkeypox vaccination resource page (CDPH): <https://eziz.org/resources/monkeypox/>