



Erie County  
Department of  
Health



Public Health  
Prevent. Promote. Protect.

## The Intradermal JYNNEOS Vaccine

The Erie County Department of Health (ECDOH) is administering JYNNEOS (monkeypox) vaccine *intradermally* (shallow or superficial injection of a substance into the dermis – the middle layer of your skin) as of August 24, 2022.

Intradermal injections are typically given on the inner side of the forearm. The intradermal injection is similar to a TB (tuberculosis) test or some types of allergy skin testing. When properly injected, intradermal vaccine fluid creates a noticeable, temporary bubble – called a “wheal” or a “bleb” – on the skin. The wheal is typically red and may itch.

This wheal is **not** a monkeypox lesion and will not scar.

Intradermal is a special type of injection. If your skin does not develop that bubble (wheal), you will need another intradermal injection to make sure you receive the right JYNNEOS vaccine dose. ECDOH can provide another intradermal injection immediately; you do not need to wait for another clinic date.

People who receive the JYNNEOS vaccine between the layers of skin (intradermal) are likely to have itching, redness, swelling, and soreness where the vaccine was injected. Sometimes these side effects last for several weeks. These are expected reactions and suggest the JYNNEOS vaccine is working.

Individuals over the age of 18 years who received their first JYNNEOS dose beneath the skin (subcutaneous) may receive the second JYNNEOS dose between the layers of skin (intradermal) to complete the two-dose series. Subcutaneous JYNNEOS vaccine injections are still recommended for persons under the age of 18 years.

Available data show that receiving the JYNNEOS vaccine between the layers of the skin (intradermal) creates the same immune response to protect against monkeypox as receiving a JYNNEOS vaccine dose beneath the skin (subcutaneous).

**Remember: You are considered protected from monkeypox 14 days after your second dose of JYNNEOS.** It takes 14 days for immune protection to reach its maximum. Neither one nor two doses of JYNNEOS vaccine are 100% effective at preventing infection, so it is still important to continue to take other steps to reduce your risk.

[www.erie.gov/monkeypox](http://www.erie.gov/monkeypox) | Text "MONKEYPOX" to 81336 for monkeypox updates from New York State