

# A Quick Look at Trivalent Influenza Vaccine Intradermal (ID)



<p><b>Annual influenza vaccination is recommended for all persons 6 months of age and older, including all healthy persons!</b></p> <p><b>Indications for use and Schedule</b> Administer TIV ID to persons:</p> <ul style="list-style-type: none"> <li>- age 18 through 64 years</li> <li>• Begin vaccinating everyone as soon as flu vaccine is available and continue to vaccinate throughout the flu season</li> </ul>	<p style="text-align: center;"><b>Vaccine Administration</b></p> <ul style="list-style-type: none"> <li>• Administer TIV ID using only the manufacturer's prefilled syringe with attached needle             <ul style="list-style-type: none"> <li>○ Dose 0.1mL</li> </ul> </li> <li>• Inject TIV ID over the deltoid muscle area of either upper arm</li> <li>• Gently shake the prefilled syringe before administering</li> <li>• Can be given simultaneously with other vaccines</li> </ul>
<p><b>Storage and Handling</b></p> <ul style="list-style-type: none"> <li>• Store TIV ID in the refrigerator between 35°-46° F (2°-8° C)</li> <li>• Monitor flu vaccine expiration dates closely; use vaccine before it expires</li> </ul>	<ul style="list-style-type: none"> <li>• Do <b>NOT</b> freeze flu vaccine</li> <li>• Do <b>NOT</b> administer expired vaccine</li> </ul>

**Everyone should be vaccinated annually.**

TIV ID may be given to anyone aged 18 through 64 years, including people in these high risk groups:

- Adults aged 50 through 64 years
- Pregnant women (in any trimester)
- Residents of nursing homes and other long term care facilities
- Persons who are morbidly obese (BMI  $\geq$  40)
- American Indians/Alaskan Natives
- Persons aged 18 years receiving long-term aspirin therapy
- Adults 18 through 64 years with a chronic medical conditions including those with:
  - Pulmonary disease including asthma
  - Cardiovascular disease (except hypertension)
  - Immunosuppression including HIV
  - Metabolic disorders including diabetes
  - Renal dysfunction
  - Hematological disorders including sickle cell disease
  - Hepatic disorders
  - Neurologic/neuromuscular disorders that compromise respiratory function, handling of secretions or increase risk of aspiration (e.g. spinal cord injuries)
- Persons who live with, care for, or are in close contact with infants less than age 6 months or any person at high risk for developing flu-related complications
- Health care personnel (HCP)--in hospitals, ambulatory clinics & long-term care facilities--should be vaccinated annually

**Contraindications**

- Serious allergic reaction (e.g. anaphylaxis) to a previous dose of flu vaccine or one of its components

**Precautions**

- Moderate to severe acute illness
- History of Guillain-Barré Syndrome within 6 weeks of a previous influenza vaccination
- Person with an egg allergy (Severity of egg allergy will determine flu vaccine and which type can be administered)
  - Refer to handout at [www.michigan.gov/flu](http://www.michigan.gov/flu) : "2011-12 Influenza Vaccine Screening Algorithm for Persons Who Report Egg Allergies"

**Documentation and Further Points for TIV ID**

- Begin vaccinating as soon as flu vaccine is available and continue throughout the flu season
- All seasonal flu vaccines contain the same 3 viral strains
- ACIP has not expressed a preference for TIV ID flu over any other influenza vaccine for use. If TIV ID is not available in your clinic, administer another age appropriate vaccine
- TIV ID had more frequent injection site reactions when compared to TIV IM with the exception of pain, which was similar
- Most common local systemic adverse reactions include: erythema (redness), induration (firmness), swelling, pain and pruritus (itching) at vaccination site; headache, myalgia (muscle ache) and malaise
- May give TIV with antiviral medications. See Influenza ACIP statement for further guidance at [www.cdc.gov/flu](http://www.cdc.gov/flu)
- Refer to "A Quick Look at Seasonal Flu Vaccines: Live, Attenuated Influenza Vaccine (LAIV) and Trivalent Influenza Vaccine (TIV IM and TIV High dose) for more information on these presentation types of influenza vaccine at: [www.michigan.gov/immunize](http://www.michigan.gov/immunize)
- Document TIV ID as "Influenza P-Free Intradermal" in MCIR and "TIV ID" on the vaccine administration record & immunization card
- There is not a separate Vaccine Information Statement (VIS) for TIV ID. Use the TIV VIS; forms can be found at [www.michigan.gov/immunize](http://www.michigan.gov/immunize)