

Live, Attenuated Intranasal Vaccine (LAIV)

<p>Annual influenza vaccination is recommended for all persons 6 months of age and older, including all healthy persons.</p> <p>Indications for Use and Schedule</p> <p>-LAIV (intranasal) is for persons <u>aged 2 years through 49 years</u> who:</p> <ul style="list-style-type: none"> -Are healthy and are not pregnant <p>Begin vaccinating as soon as flu vaccine is available and continue throughout the flu season (until vaccine is expired)</p> <p>2-Dose Pediatric Rule for Children aged 6 Months through 8 Years*</p> <p>-Those without the following documented history will need 2 doses of flu vaccine:</p>	<p>LAIV Administration</p> <ul style="list-style-type: none"> -Administer intranasal 0.2 mL -Spray 0.1 mL into each nostril as indicated by Dose-divider clip on sprayer -Use 0.2 mL dose for all ages 2-49 years -Can be given with all other vaccines -If LAIV is not given on the same day as other Live vaccines (MMR, VAR, MMRV), must be separated by 28 days
<ul style="list-style-type: none"> -<u>At least 2 doses</u> of any seasonal flu vaccine (TIV/LAIV) given <ul style="list-style-type: none"> --From the same or 2 different past flu seasons <p style="text-align: center;">AND</p> <ul style="list-style-type: none"> -<u>At least 1 dose</u> of the seasonal flu vaccine given since July 1, 2010 Or the child had <u>at least 1 dose</u> of monovalent 2009 H1N1 vaccine <p>-If 2 doses are indicated, flu vaccines should be separated by at least 4 weeks</p>	<p>Storage and Handling</p> <ul style="list-style-type: none"> -Store in the refrigerator unit at 35°-46°F (2°-8°C) -Do NOT freeze -Keep in original box with lid on -Do NOT use expired vaccine 

***ADDITIONAL INFORMATION ON THE 2-DOSE PEDIATRIC RULE**

- CDC offered a simpler approach to determine which children age 6 months- 8 years will need 2 doses of flu vaccine:
 - Children who received at least 2 doses of seasonal influenza vaccine since July 1, 2010 will need only 1 dose
 - Refer to the CDC Pediatric 2-Dose Algorithm for Children 6 months through 8 years¹

CONTRAINDICATIONS

- Serious allergic reaction (e.g. anaphylaxis) to a previous dose of flu vaccine or one of its components
- Persons aged less than 2 years or older than 49 years
- Children aged 2-4 years with a history of asthma or recurrent wheezing within the past 12 months
- Children receiving long-term aspirin therapy
- Household/close contacts including HCP, of severely immunosuppressed persons requiring a protective environment
- Pregnancy
- Immunosuppression from any cause
- Chronic Medical Conditions

PRECAUTIONS

- Moderate to severe acute illness
- History of Guillain-Barre´ Syndrome (GBS) within 6 weeks of a previous influenza vaccination
- Persons with a history of egg allergy**

****NOTE:** Persons who report an egg allergy may be able to receive TIV. To ensure vaccine safety:

-Refer to the CDC Vaccine Screening Algorithm for Persons who report an Egg Allergy²

FURTHER POINTS

- All seasonal flu vaccines contain the same 3 viral strains; 2 of the 3 strains changed for 2012-13 flu season
- HCP who are pregnant or have chronic medical conditions other than severe immunosuppression, can administer LAIV
- If LAIV is given to a close contact/HCP of a severely immunosuppressed person, contact should be avoided for 7 days
- LAIV should not be given with antiviral medications; Give TIV; See Influenza ACIP statement for further guidance
- LAIV may be given on the same day as a TB test (PPD). If not on the same day, wait at least 4 weeks after LAIV was given to administer the PPD test
- Use the current LAIV VIS. Vaccine Information Sheet may be found at your local health department or at www.cdc.gov/vaccines

¹ <http://www.cdc.gov/vaccines/ed/imzupdate/downloads/doses-algorithm.pdf>

² <http://www.cdc.gov/vaccines/ed/imzupdate/downloads/egg-allergy-algorithm.pdf>