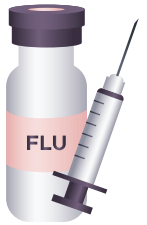


INFLUENZA: VACCINES



In a joint international effort, the most prevalent influenza strains in circulation are continuously monitored. Based on this data, a unique vaccine is formulated each year to provide optimal protection for the upcoming flu season. This yearly formula is used to produce a range of distinct vaccine types. Clinicians should select the vaccine preparation that best suits a client's age, medical history, immune status, and other factors. Annual influenza vaccination is recommended for everyone aged six months and over.



Type	Trivalent influenza vaccine (TIV)	Quadrivalent influenza vaccine (QIV)	Recombinant influenza vaccine	Live attenuated influenza vaccine
Description	<ul style="list-style-type: none"> Includes two strains of influenza A and one strain of influenza B Single B strain leads to frequent mismatch between the circulating strain and that used in vaccine. 	<ul style="list-style-type: none"> Includes two strains each of influenza A and B Studies show superior protection compared to trivalent vaccine due to coverage of both influenza B strains. 	<ul style="list-style-type: none"> Utilizes recombinant technology Contains three times as much antigen as the standard flu vaccine Provokes a stronger immune response 	Made with live, weakened influenza virus
Route	IM injection			Nasal spray
Age range	6 months and over	6 months and over	18 years and over; recommended for > 65 population	2 years–49 years
Precautions & contraindications	<p>Severe allergic reaction to an influenza vaccine is a contraindication to receiving that vaccine again. Future use of alternative vaccine formulations may be contraindicated or carry a precaution, depending on the vaccine type or ingredient associated with the allergic reaction. For clients who have had a previous reaction and choose to receive an alternative influenza vaccine, vaccination should occur in a medical setting with personnel trained in recognition and treatment of severe allergic reaction.</p> <p>People who have an egg allergy may receive any vaccine type. There are no longer any special precautions regarding vaccine location or monitoring parameters.</p>			<p>Live attenuated vaccines are not recommended for clients who are pregnant, immunocompromised, or those with certain medical conditions.</p>

CLIENT EDUCATION

Provide Vaccine Information Statement (VIS) for client review before vaccine administration.

Common, benign vaccine reactions:

- Soreness, redness, swelling at injection site
- Fever
- Muscle aches
- Headache

When to contact provider:

- Signs of severe allergic reaction
- Seizure

NOTES

