

ACTIVE LEARNING TEMPLATE: Medication

STUDENT NAME: Carolina Rodriguez

MEDICATION Influenza Virus Vaccine (Inactivated) (Generic: Afluria; Flud; Fluarix; Fluelaval; Fluzone High

Dose) CATEGORY CLASS: Vaccine; Vaccine, Inactivated (Viral)

PURPOSE OF MEDICATION

Expected Pharmacological

Active immunization against influenza disease caused by influenza virus subtypes A and type B contained in the vaccine

Therapeutic

Prevention of influenza disease. Routine annual vaccination is recommended for all people 6 months of age or older who do not have contraindications to the vaccine

Complications

For patients taking this drug: Pain, redness, swelling, or other reactions where the injection was given; headache; muscle or joint pain; feeling tired or weak; chills

Young children: Mild fever; diarrhea, stomach pain, upset stomach, throwing up, or decreased appetite; feeling sleep; feeling fussy; crying that is not normal

Contraindications/Precautions

Severe allergic reaction to prior flu vaccine or component

Delay if moderate/severe acute illness

Caution with history of Guillain-Barré syndrome

Interactions

May be given with other vaccines (different sites/syringes); immunosuppressive drugs may decrease the therapeutic effects of the vaccine

Evaluation of Medication Effectiveness

The vaccine's effectiveness is demonstrated by its ability to prevent influenza disease

Medication Administration

Route: IM (preferred); SubQ for some products. Adults 64 years and younger: 0.5 mL IM (1 dose/season). Adults 65 years and older: 0.5 mL IM (standard, adjuvanted, or high dose); Fluzone high dose 0.7 mL. Pediatrics 6 months and older: 0.25-0.5 mL; some require 2 doses first season. Timing: Best in September-October; continues as long as flu season ongoing. Never IV

Nursing

Screen for allergy, Guillain - Barré, current illness. Monitor for hypersensitivity or syncope post injection. Store at 2-8 degrees Celsius (refrigerated). Use proper technique and injection site.

Client

Protection begins at around 2 weeks post vaccine. Side effects usually mild and short lived. Does not protect against all viruses but reduces severity if flu occurs. Annual vaccine required due to changing strains.