

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Ella Murray

MEDICATION Influenza Virus vaccine

REVIEW MODULE CHAPTER _____

CATEGORY CLASS Vaccine

PURPOSE OF MEDICATION

Expected Pharmacological Action

Stimulates immune system to produce an immune response against influenza

Therapeutic Use

Protection against influenza
decreased complications of influenza

Complications

Soreness/erythema/swelling @ injection site, low grade fever, muscle soreness, fatigue, mild flu-like symptoms

Medication Administration

Adults : 0.5 mL IM
Children >10: 0.5 mL IM
Children 3-9: 0.5 mL → 2 doses
Children 6-35 months: 0.25 mL → 2 doses
Children 2-9 y/o: 0.2 mL IN → 2 doses
Adults 10-49 y/o: 0.2 mL IN

Contraindications/Precautions

Hypersensitivity to eggs, egg protein, gentamicin, gelatin, arginine, or previous reaction to flu vaccine
Caution in immunosuppressed patients

Nursing Interventions

- Monitor for signs of allergic reaction
- Keep patient comfortable
- Monitor vitals

Interactions

Drug-drug: concurrent immunosuppressants, antivirals against Flu A or B
↳ decreased effectiveness

Client Education

- Explain purpose of vaccine
- Advise females to notify provider about pregnancy

Evaluation of Medication Effectiveness

Prevention of influenza?

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Ella Murray

MEDICATION Pneumococcal 23-Valent

REVIEW MODULE CHAPTER _____

CATEGORY CLASS Vaccine

PURPOSE OF MEDICATION

Expected Pharmacological Action

Stimulate immune system to produce antibodies against 23 types of *Streptococcus pneumoniae*

Therapeutic Use

Prevent pneumococcal disease

Complications

Pain/erythema/swelling @ injection site, low grade fever, fatigue, headache, muscle aches

Medication Administration

Adults: IM, 0.5 mL

Contraindications/Precautions

Hypersensitivity, pregnancy, immunocompromised patients, absence of spleen, chronic CSF leak, younger than 2 y/o

Nursing Interventions

- Evaluate vitals
- Monitor for signs of allergic reaction
- Keep client comfy

Interactions

Drug-drug: immunosuppressants, cancer drugs

Client Education

- Educate client about vaccine and side effects
- Describe expected complications

Evaluation of Medication Effectiveness

Whether or not patient contracts strep