

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Olivia Morales

MEDICATION Pneumococcal vaccine (pneumo 23)

REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS Vaccine (inactivated, bacterial)

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**  
induces active immunization to the stereotypes contained in the vaccine

**Therapeutic Use**  
active immunization of patients  $\geq 2$  years or  $\geq 50$  years who are at risk for ~~pne~~ pneumococcal disease.

**Complications**  
erythema at ~~the~~ site, fatigue, chills, soreness, pain, swelling, edema, tenderness, etc.

**Medication Administration**  
IM/SUBQ: 0.5mL/dose

**Contraindications/Precautions**  
anaphylactoid, shoulder injury at injection ~~at~~ site, syncope, hypersensitivity

**Nursing Interventions**  
• monitor for syncope + allergic reaction  
• ask about allergies + previous interactions  
• have treatment for anaphylactic shock ready

**Interactions**  
Drug: acetaminophen, corticosteroids, immunosuppressants, methotrexate, etc.

**Client Education**  
• explain it may cause soreness in arm  
• educate on risks of severe allergic reaction  
• inform to call 911 if symptoms of severe allergic reaction occur  
• give info sheet on vaccine

**Evaluation of Medication Effectiveness**  
It is more an evaluation of symptoms than instant effectiveness because it is a preventative vaccine + not a med for something like pain.

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Olivia Morales.

MEDICATION Influenza vaccine (Afluria, Flud)

REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS Vaccine (inactivated)

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

induces specific antibody production

**Therapeutic Use**

active immunization against influenza disease, influenza disease prevention

**Complications**

bruising, drowsiness, fatigue, headache, malaise, rash, erythema

**Medication Administration**

IM: 0.5 mL/dose (one dose per season)

**Contraindications/Precautions**

severe allergic reaction, oculorespiratory syndrome, shoulder injury at vaccine site, syncope.

**Nursing Interventions**

- evaluate for allergies like to eggs
- ask about any previous issues w/ the vaccine
- ask about GBS (guillain-barre syndrome)
- monitor for side effects like redness/itchiness

**Interactions drug:**

acetaminophen, corticosteroids, immunosuppressants, fingolimod, etc...

**Client Education**

- risks of soreness & redness
- educate to call 911 if signs of severe allergic reaction occurs
- on why we give the flu vaccine in the first place

**Evaluation of Medication Effectiveness**

Studies that compare the statistics of symptoms/flu with people who got the vaccine? Since it is a preventative measure you cant really look for sudden effectiveness you can only really monitor for adverse reactions.