

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Maythwe Htut  
MEDICATION Pneumococcal 23-Valent REVIEW MODULE CHAPTER \_\_\_\_\_  
CATEGORY CLASS Vaccine

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Inactive bacterial Vaccine that induce active immunization to the Serotypes contained in the Vaccine

**Therapeutic Use**

Protect against Pneumonia  
relief Sickness  
Prevent immune disfunction.

**Complications**

Severe allergic reaction can lead to anaphylactic/anaphylactoid reaction

**Medication Administration**

IM Adults: 0.5mL/dose

**Contraindications/Precautions**

Anaphylactoid/Hypersensitivity reaction. Soreness, Syncope.

**Nursing Interventions**

Monitor for hyper-sensitivity and Syncope for 15 minutes following administration.  
Blood work

**Interactions**

Acetaminophen can decrease therapeutic effect of Vaccines, along with Corticosteroids, Dinutux-mab Beta, Cytotoxic Chemotherapy

**Client Education**

any allergies  
side effects  
Prevents  
Pneumococcal disease.

**Evaluation of Medication Effectiveness**

Resistant to pneumococcal disease

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Maythwe Htut  
MEDICATION Influenza (Flu) Vaccine  
CATEGORY CLASS Vaccines / Immunizing Agent

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

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Vaccine Causes production of antibodies against infection from the H1N1 Virus.

**Therapeutic Use**

Protection against H1N1 influenza disease with less time lost from school and work and decreased complication of influenza disease.

**Complications**

IM: pain, soreness, swelling, tenderness

**Medication Administration**

IM: 0.5mL single dose (adults)

**Contraindications/Precautions**

Severe hypersensitivity to eggs  
Immunosuppressed patient (↓ antibody response)  
in mostly elderly and pregnant women.

**Nursing Interventions**

Monitor patient for signs of allergic reaction (rash)  
look for any signs of anaphylactic shock.

**Interactions**

Concurrent immunosuppressants or radiation therapy may ↓ antibody response.

**Client Education**

Might feel pain/soreness on injection site  
purpose of the flu vaccination.

**Evaluation of Medication Effectiveness**

Prevention of influenza resulting in fewer lost days from work and school.