

ACTIVE LEARNING TEMPLATE: **Medication**

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MEDICATION Pneumonia vaccine (Pneumovax 23) REVIEW MODULE

CHAPTER _____ CATEGORY CLASS Vaccine, Inactivated (Bacterial)

PURPOSE OF MEDICATION

Expected Pharmacological Action

To prevent pneumococcal disease by producing leukocytes and other cells that kill pneumococci

Therapeutic Use

Inactive vaccine that includes active immunization to the serotypes contained in the vaccine.

Complications

Erythema, fatigue, Diarrhea, fever, upper respiratory infection, vomiting, angioedema, skin rash, febrile, seizure, necrosis

Medication Administration

**IM: Sub-Q (0.5mL)
Store at 2- 8 degrees Celsius
(36-46 degrees Fahrenheit)**

Contraindications/Precautions

Severe swelling, syncope, shoulder injury related to vaccine administration, hypersensitivity, headache, chills, pain, muscle or joint pain

Nursing Interventions

**Monitor for syncope 15 min following administration
Check for edema , erythema, and syncope**

Interactions

Acetaminophen, immunosuppressants, Anti-CD20 B Cell Depleting therapies

Client Education

**Contact provider if experiencing allergic reactions (itching, rashes, edema, redness, hives, blisters, chest or throat- tightness, angioedema)
Administration site may be sore after injection**

Evaluation of Medication Effectiveness

Lab testing negative for pneumococcal disease, client does not contract pneumonia

