

ACTIVE LEARNING TEMPLATE: Medication

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MEDICATION Pneumococcal Polysaccharide REVIEW MODULE CHAPTER _____

CATEGORY CLASS Vaccine, Inactivated (Bacterial)

PURPOSE OF MEDICATION

Expected Pharmacological Action

Pneumococcal Polysaccharide Polyvalent is an inactive bacterial vaccine that induces active immunization to the Stereotypes contained in the vaccine.

Therapeutic Use

Pneumococcal disease prevention: active immunization of person ≥ 2 years at increased risk and persons ≥ 50 years to prevent pneumococcal disease caused by 23 serotypes in vaccine

Complications

NS: Fatigue, headache NEUROM: Asthenia
Myalgia DERM: ECHYMOSES
Gastro: Diarrhea, dyspepsia, nausea
Resp: upper respiratory tract infection
Fever

Medication Administration

Adult: IM vaccine
0.5ml
- Typically asserted into the deltoid, 2-3 finger spaces below acromion process

Contraindications/Precautions

Cont: Severe allergic reaction to pneumococcal vaccine or any component of the formulation
Prec: hypersensitivity reactions, immediate treatment, syncope

Nursing Interventions

- Reassess vitals after
- Check for swelling, rash, fever
- Ask about other vaccines recently

Interactions

Acetaminophen: may decrease therapeutic effects, along with corticosteroids, immunosuppressants, pneumococcal conjugate vaccine

Client Education

- encourage them moving their arm after to help disperse medication, quicker
- warn fever, rash, severe swelling is not normal, to contact provider

Evaluation of Medication Effectiveness

- Patient will become immune to pneumococcal disease