

STUDENT NAME Allyson McEllan

MEDICATION Pneumococcal Polysaccharide Vaccine (23-valent)

CATEGORY CLASS Vaccine, Inactivated (bacterial)

### PURPOSE OF MEDICATION

#### Expected Pharmacological Action

Induces active immunization to serotypes contained in vaccine

#### Therapeutic Use

Pneumococcal disease prevention  
Active immunization of persons at increased risk to prevent pneumococcal disease

### Complications

Local: erythema, soreness, pain, swelling, tenderness

NS: fatigue, headache

Skeletal: Asthenia, myalgia

### Medication Administration

IM (adult): 0.5 ml dose

### Contraindications/Precautions

Contraindications: Severe allergic reaction to vaccine or its components; acute illness, bleeding disorders, CV disease

Precautions: Hypersensitivity reactions; Shoulder injury from vaccine, Syncope

### Nursing Interventions

Monitor for hypersensitivity & syncope 15 min after administration  
Evaluate for allergic reactions  
Monitor side effects

### Interactions

Acetaminophen may ↓ therapeutic effects, corticosteroids may ↓ therapeutic effect, immunosuppressants

### Client Education

Educate on vaccine and possible side effects  
Monitor for signs of allergic reaction

### Evaluation of Medication Effectiveness

Has active immunization to pneumococcal disease

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Alyson McEllan

MEDICATION Inactivated Influenza Vaccine

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

CATEGORY CLASS Vaccine, Inactivated

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Promotes immunity to seasonal influenza virus by including specific antibody production

**Therapeutic Use**

Active immunization against influenza disease caused by influenza virus subtypes A and type B contained in the vaccine

**Complications**

GI: anorexia

Integ: bruising, erythema, tenderness, swelling at injection site

NS: drowsiness, fatigue, headache, irritability, malaise

**Medication Administration**

IM (adult): ≤ 64 y/o: 0.5 mL per dose as a single dose

- Adults > 64 y/o IM: 0.5 mL per dose as a single dose

- 1 dose per season

**Contraindications/Precautions**

Contraindicated: Severe allergy to any component of med,

Precautions: Oculo-respiratory syndrome (ORS) as a reaction to inactivated influenza vaccine

**Nursing Interventions**

monitor for syncope/hypersensitivity 15 min after administration

Evaluate for allergic reactions

Monitor for side effects

**Interactions**

Drug-Drug: acetaminophen may ↓ therapeutic effect, corticosteroids may ↓ therapeutic effect

**Client Education**

Educate pt on drug  
make aware of side effects

Report lasting side effects like burning, muscle weakness, dizziness

be aware for signs of an allergic reaction

**Evaluation of Medication Effectiveness**

Has antibody protection within 2 weeks of vaccination