

ACTIVE LEARNING TEMPLATE: **Medication**

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MEDICATION Guafenesin (Intuniv)

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

CATEGORY CLASS Antihypertensive

PURPOSE OF MEDICATION

**Expected Pharmacological Action**

Reduces viscosity of tenacious secretions by increasing respiratory tract fluid. Reduces sympathetic nerve impulses, resulting in reduced sympathetic outflow

**Therapeutic Use**

Mobilization and subsequent expectoration of mucus

**Complications**

Derm: Rash, urticaria. GI: Diarrhea, Nausea, Stomach Pain, Vomiting  
Neuro: dizziness, headache

**Medication Administration**

PO → immediate release  
200-400 mg every 4 hours, Extended release, 600-1200 mg every 12 hr.  
Max: 2400 mg/day

**Contraindications/Precautions**

Cont: hypersensitivity, some products contain alcohol  
Prec: cough lasting over 1 week, fever, rash, headache

**Nursing Interventions**

- Monitor blood pressure and pulse
- Also check SpO2 and respiration rate
- Check if cough is productive or non-productive

**Interactions**

Acrivastine: ↑ CNS depressant effects  
Beta Blockers: ↑ rebound hypertensive effects of Alpha2-Agonists  
Bromperidol: ↓ hypotensive effects of blood pressure

**Client Education**

- Contact health care provider if cough is not better after 1 week
- Rash, Fever is not normal, contact provider
- monitor BP and HR

**Evaluation of Medication Effectiveness**

Easier mobilization and expectoration of mucus from cough associated with upper respiratory infection