

ACTIVE LEARNING TEMPLATE: **Medication**

STUDENT NAME Madi Nichols

MEDICATION Guafensin

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

CATEGORY CLASS Expectorant - loosens or thins mucous

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Reduces viscosity of secretions by increasing respiratory infection (upper). Mobilization & coughing up of mucous.

**Therapeutic Use**

Allergy, cold, and cough remedies, expectorant cough associated with viral upper respiratory tract infections

**Complications**

Rash, urticaria (red, itchy, raised patches) Diarrhea, nausea, stomach pain, vomiting Dizziness, headache

**Medication Administration**

PO followed by full glass of water  
Onset: 30 min, Duration: 4-hr  
Immediate Release: 200-400mg q 4hr  
Extended release: 600-1200mg q 12hr  
Not to exceed 2400mg/day

**Contraindications/Precautions**

Contra: Some contain alcohol, pt. with known tolerance, contain aspartame (avoid in pt. w/ phenylketonuria)  
Precaution: cough > 1 week w/ rash, fever, headache, Diabetes, disulfiram,

**Nursing Interventions**

Assess lung sounds, frequency & type of cough  
Encourage adequate hydration

**Interactions**

No Drug-Drug reactions reported (Dynamic Health)  
Disulfiram, metronidazole

**Client Education**

Cough effectively sitting up  
Drug has abuse potential  
May cause dizziness - avoid driving  
To alleviate discomfort: limit talking, stop smoking, maintain moisture in air, take gum or hard candy

**Evaluation of Medication Effectiveness**

Easier & more effective movement of mucus when coughing from an upper resp. infection

ACTIVE LEARNING TEMPLATE: **Medication**

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MEDICATION Oxycodone REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS Opioid Agonist

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Binds to opiate receptors in the CNS to alter perception & response to pain

**Therapeutic Use**

Decreases pain

**Complications**

Respiratory depression, sleep apnea, sleep-related hypoxemia, orthostatic hypotension, blurred vision, nausea, confusion, dizziness

**Medication Administration**

Larger doses may be required during chronic therapy  
PO >50 kg: 5-10 mg IR q3-4hr PRN  
PO <50 kg: 0.2 mg/kg q3-4hr PRN

**Contraindications/Precautions**

Contra: Contains alcohol, significant respiratory depression, paralytic ileus, asthma, post-op pain  
Precaution: hx of substance abuse or mental illness, head trauma, ↑TCP, liver or kidney failure, hypothyroidism, dysphagia

**Nursing Interventions**

Monitor for respiratory depression  
Have pt. change pos. slowly to avoid orthostatic hypotension

**Interactions**

caution in patients receiving MAO inhibitors, mixed agonist/antagonist analgesics

**Client Education**

Explain purpose & side effects  
Take as directed  
Do not share med  
Abuse potential  
How to recognize respiratory depression syndrome, call 911

**Evaluation of Medication Effectiveness**

Reassessing pain 1hr after administration  
May ↑ amylase & lipase labs