

ACTIVE LEARNING TEMPLATE: **Medication**

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MEDICATION Oxycodone

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

CATEGORY CLASS Opioid analgesic, Controlled Substance

**PURPOSE OF MEDICATION**

**Expected Pharmacological Action**

Binds to Opiate receptors in the CNS Alters the perception of and response to painful stimuli, while producing generalized CNS depression.

**Therapeutic Use**

To manage moderate to severe pain when a continuous around-the-clock opioid analgesic is needed for an extended period of time

**Complications**

CV: orthostatic hypotension DERM: Flushing, Sweating. Endo: adrenal insufficiency GI: constipation Neuro: confusion, dizziness Resp: Respiratory Depression

**Medication Administration**

PO (adults ≥50kg) 5-10mg every 3-4 hr. initially PRN  
↓  
24 hr. dose in 2 divided doses every 12 hours  
PO (adults <50kg) 0.2 mg/kg every 3-4 hr. initially PRN.  
↓  
24 hr. dose in 2 divided doses

**Contraindications/Precautions**

Cont: hypersensitivity, due to containing alcohol or bisulfites. Respiratory depression, Paralytic ileus, bronchial asthma  
Preca: Hx of substance abuse, Head trauma, Hypothyroidism, seizures, undiagnosed abdominal pain

**Nursing Interventions**

Assess intensity of pain before taking medication and 1 hour after  
Assess bowel function, check respiratory rate and SpO2.

**Interactions**

MAO inhibitors: may result in unpredictable reactions. Agonist / antagonist including nalbuphine or butorphanol  
Buprenorphine may decrease oxycodone's effects

**Client Education**

- contact provider if having constipation
- explain side effects
- only take as directed
- how to recognize respiratory depression

**Evaluation of Medication Effectiveness**

lower pain level, to a level that is close to their normal, while not having a significant alteration in level of consciousness or respiratory level