

# ACTIVE LEARNING TEMPLATE: Medication

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MEDICATION Morphine sulfate \_\_\_\_\_ REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS Opioid analgesic \_\_\_\_\_

## PURPOSE OF MEDICATION

### Expected Pharmacological Action

Binds with and activates opioid receptors in brain and spinal cord to produce analgesia and

Therapeutic Use  
To relieve severe pain.

### Complications

Respiratory depression, sedation, CNS depression, Hypotension, Nausea and vomiting, addiction.

### Medication Administration

PO: 15- 30 mg every 4hrs as needed , IV infusion: individualized by patient , IV injection: 0.1-0.2 mg/kg every 4 hours, Im injection: 10 mg every 4 hours as needed.

### Contraindications/Precautions

Contraindications: Acute or severe bronchial asthma, GI obstructions, significant respiratory depression , infection at injection site.

Precautions:

### Nursing Interventions

- Monitor respiratory status
- Assess pain level
- Monitor level of consciousness/ sedation
- Monitor vital signs

### Interactions

Benzodiazepines, alcohol, antidepressants, Muscle relaxants, MAO inhibitors, Diuretics, Antihistamines.

### Client Education

- Dizziness/ lightheadedness
- Avoid alcohol and sedatives
- Side effects
- Stopping immediately
- Risk for addiction

### Evaluation of Medication Effectiveness

If pain has decreased