

ACTIVE LEARNING TEMPLATE: *Medication*

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MEDICATION Morphine Sulfate

CATEGORY CLASS Opioid analgesic

REVIEW MODULE CHAPTER _____

PURPOSE OF MEDICATION

Expected Pharmacological Action

bind w/ opioid receptors within CNS, inhibiting ascending pain pathways.
- alters pain preception, emotional response to pain

Therapeutic Use

management of severe pain

Complications

sediation, diaphoresis, facial flushing, dizziness, drowsiness, n/v
rare: paralytic ileus

Medication Administration

PO: 10-30mg q4h & prn.
IV: 2.5-5mg q3-4h & prn.

antidote: naloxone

Contraindications/Precautions

CI: hypersensitivity to components, acute or severe asthma, known/suspected paralytic ileus; COPD, cor pulmonale, hypoxia, hypercapnia, preexisting respiratory depression
Precaution: biliary tract disease, pancreatitis, addisons disease, CVD, adrenal insufficiency

Nursing Interventions

- obtain VS(HR and RR); do not give if RR <12.
- monitor kidney fx
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Interactions

ETOH, CNS depressants: may increase effects
herbals (chamomile): may increase effects
may increase serum amylase, lipase

Client Education

- take 30mins before physical activity (PT/OT)
- take before pain becomes unbearable
- can use stool softners to help prevent constipation
- use antiemetic for n/v

Evaluation of Medication Effectiveness

pain relief improved/ pain decreased