

STUDENT NAME

Riley Taylor

MEDICATION

Morphine Sulfate (IVPB)

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

CATEGORY CLASS

Opioid Agonist**PURPOSE OF MEDICATION****Expected Pharmacological Action**

Binds with opioid receptors within CNS, inhibiting ascending pain pathways, alters pain perception

**Therapeutic Use**

Management of severe pain

**Complications**

- n/v, ↓ BP, sedation, constipation, dizziness, facial flushing, drowsiness, dyspnea, confusion, dry mouth, vision changes, headache, decreased appetite, abdominal cramps..

**Medication Administration**

- Always administer slowly over time, store at room temp.

IV: 0.1 - 0.2 mg/kg  
q4hr. as needed or 2-10mg

**Contraindications/Precautions**

- Acute or severe asthma, paralytic ileus, GI obstruction, respiratory depression,  
- COPD, hypoxia, hypercapnia, head injury, seizure disorder, cardiovascular disease, Addison's disease, obesity, toxic psychosis, drug abuse, dependency..

**Nursing Interventions**

- Monitor vital signs after IV admin (5-10 min)  
- Check for adequate voiding  
- Monitor breathing pattern  
- Deep breathing & coughing

**Interactions**

- Alcohol & other CNS depressants may increase CNS effects  
- MAOIs  
- Herbals w/ sedative properties  
- May increase amylase & lipase

**Client Education**

- Avoid tasks that require alertness & motor skills  
- Get up / reposition slowly  
- Avoid alcohol  
- Report urinary retention, constipation, & ineffective pain control

**Evaluation of Medication Effectiveness**

Pain level will go down

### Compatibility

Amiodarone, atropine, bumetanide, bupivacaine, dexmedetomidine, ~~diltiazem~~ diltiazem, diphenhydramine, dobutamine, dopamine, heparin, hydroxyzine, lidocaine, lorazepam, magnesium, nitroglycerin, propofol, potassium, midazolam

### Amount

0.1 - 0.2 mg/kg q 4 hrs

### Rate of Administration

Administer very slowly ... rapid infusion increases risk of severe adverse reactions

### Diluent

may dilute w/ sterile water or 0.9% NaCl

### Site, supplies, storage, stability

Store at room temp