

# ACTIVE LEARNING TEMPLATE: Medication

STUDENT NAME \_\_\_\_\_

MEDICATION Morphine Sulfate IVP REVIEW MODULE CHAPTER \_\_\_\_\_

CATEGORY CLASS opioid agonist

## 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

decrease in severity of pain

### Complications

hypotension, bradycardia, sweating, blurred vision, constipation, n/v, urinary retention, confusion, dizzy, headache, resp depression

### Medication Administration

-Rate: slowly at 2.5-15mg over 5 minutes

### Contraindications/Precautions

hypersensitivity, personal or family history of substance use disorder or mental illness, severe renal impairment, severe hepatic impairment, severe pulmonary disease, seizure disorder

### Nursing Interventions

- Do not administer rapidly (can cause resp. depression, hypotension, circulatory collapse)
- Help with getting up OOB (dangle first)
- oral hygiene help if needed

### Interactions

MAO inhibitors, benzodiazepines, CNS depressants, opioids, muscle relaxants, trazodone, tramadol, methylene blue, buprenorphine, warfarin, alcohol, cimetidine, butorphanol

### Client Education

- explain purpose and side effects
- may cause drowsiness and dizziness
- known for abuse potential
- teaching: how to recognize resp depression and contact 911 if happens
- change positions slowly
- good oral hygiene

### Evaluation of Medication Effectiveness

decreased pain

**Compatibility**

**Amount**

**Rate of Administration**

**Diluent**

**Site, supplies, storage, stability**