

# Medication

**STUDENT NAME:**

**MEDICATION:** morphine

**CATEGORY CLASS:** opioid agonist

**Expected Pharmacological Action:**  
morphine binds with and activates opioid receptors in the brain and spinal cord to produce analgesia and euphoria

**Therapeutic Use:**  
decrease in the severity of pain

**Complications:**  
CNS- agitation, amnesia, ataxia, chills, coma, confusion, decreased concentration, delirium  
CV-bradycardia, cardiac arrest, edema, and hypertension  
constipation, n/v, sweating, euphoria

**Medication Administration:**  
PO- 5-30 mg every 3-4hrs

IV-0.8 to 10mg/hr  
increase as needed

**Contraindications/Precautions:**  
acute to severe bronchial asthma in a unmonitored setting  
paralytic ileus  
acute alcoholism, withdrawal, seizure disorder, heart failure, (if injection site infection)

**Nursing Interventions:**  
ensure that equipment for oxygen delivery and respiration are readily available  
monitor for excessive sedation  
have narcan available

**Interactions:**  
anticholinergics(constipation & urine retention)  
antihypertensive drugs (increased hypotension or risk for)  
hydroxyzine

**Evaluation of Medication Effectiveness:**  
relief of pain

**Client Education:**  
educate patient to not use other sedatives or respiratory depressants