

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Katelyn Elmlinger

MEDICATION Furosemide REVIEW MODULE CHAPTER _____

CATEGORY CLASS Loop Diuretic

PURPOSE OF MEDICATION

Expected Pharmacological Action

Act on the ascending loop of Henle, blocking reabsorption of sodium and chloride.

Therapeutic Use

Diuresis and subsequent mobilization of excess fluid.
Decrease blood pressure.

Complications

- Hyponatremia
- Dehydration
- Hypokalemia
- Hypotension
- Ototoxicity
- Hyperglycemia
- Increase Uric Acid Levels

Medication Administration

20-80 mg/day as a single dose PO, may be repeated in 6-8 hours

20-40 mg IV,IM can be repeated in 1-2 hours

Contraindications/Precautions

- Allergy
- Hypersensitivity
- Hepatic Coma
- Alcohol
- Caution with:
 - Hepatic Impairment
 - Electrolyte Depletion
 - Diabetes Mellitus
 - Renal Impairment

Nursing Interventions

- assess fluid status
- monitor daily weights
- I&O ratios
- monitor BP & pulse
- assess edema location & amount
- assess for an allergic reaction

Interactions

- Increased risk for hypotension with antihypertensives
- NSAIDS decreases effects
- May increase risk of methotrexate toxicity
- Increased risk of hypokalemia with other diuretics

Client Education

- take as directed
- change positions slowly
- contact provider if gain >3lbs. in a day
- avoid alcohol
- report dizziness
- avoid hazardous activities

Evaluation of Medication Effectiveness

- decrease in BP
- decrease in edema