ACTIVE LEARNING TEMPLATE: *Medication*

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MEDICATION Furosemide

REVIEW MODULE CHAPTER

CATEGORY CLASS Diuretic (Loop)

PURPOSE OF MEDICATION

Expected Pharmacological Action

Inhibits the reabsorption of sodium & chloride from the Loop of Henle

↑ Renal Excretion of Water, sodium, chloride, Magnesium, potassium, and calcium

Therapeutic Use

Diuresis & subsequent mobilization of Excess Fluid

↓ BP

Complications

SJS
Erythema Multiforme
Agranulocytosis
Aplastic Anemia
Toxic Epidermal Necrolysis

Medication Administration

PO : 20-80 mg/day
IM : 20-40 mg + ↑ 20 mg q 1-2 hours if ineffective
IV : 20-40 mg + ↑ 20 mg q 1-2 hours if ineffective

Contraindications/Precautions

Severe Hepatic Impairment
Electrolyte Depletion
Hypoproteinemia
Severe Renal Impairment
Sensitivity w/ Thiazides & sulfonamides

Nursing Interventions

Assess for skin Rashes
Assess Fluid status
Monitor Electrolytes
Monitor Daily Weight
Monitor I&O's

Interactions

↓ Effects when given w/ sucralfate
NSAIDs ↓ Effects of Furosemide
↑ Risk of Digoxin Toxicity (if HypoKalemic)
↑ Risk of Arrhythmias (if HypoKalemic)
↑ Risk of HypoKalemia (if combined w/ other Diuretics)

Client Education

Report Rash to HCP
Change positions slowly
Avoid Alcohol
Report Numbness & Tingling to HCP
Avoid prolonged standing to ↓ orthostatic Hypotension

Evaluation of Medication Effectiveness

↓ BP
↓ Edema
↓ Abdomen Protrusion
↑ Urinary output