ACTIVE LEARNING TEMPLATE: # Medication

STUDENT NAME Mira Sweat

MEDICATION Furosemide REVIEW MODULE CHAPTER

CATEGORY CLASS Loop Diuretic

PURPOSE OF MEDICATION

Expected Pharmacological Action

Inhibits the reabsorptioon of sodium and chloride from the loop of Henle and distal renal tubule, increases renal excretion of water, sodium, chloride, potassium, calcium

Therapeutic Use

Diuresis, decreases BP, lowers edema

Complications

Hypotension, erythma multiforme, SJS, toxic epiderma necrolysis, rash, hearing loss, tinnitus, dehydration, hypocalcemia, hypokalemia, hypomag, hyponatremia, hypovolemia, metabolic alkalosis, anorexia, dry mouth,

Medication Administration

PO (HTN) 40 mg BID
PO (edmea) 20-80 mg/day
IM/IV (edema) 20-40 mg, q1-2 hrs

Contraindications/Precautions

Contra: Allergy, sensitivity to thiazies and sulfamides, hepatic coma or anuria, alochol intolerance
Prec: Severe hepatic impairment, low electrolytes, DM, hypoproteins, OB/Lact/Peds/Elderly

Nursing Interventions

Daily weights DW, I&O, resp assessment, edema assessment, VS (BP, pulse), fall risk assessment, assess hearing loss, assess for allergy to sulfonamides, assess skin, labs (electrolytes, liver, kid.)

Interactions

Sucralfate, cisplatin, cyclosporine, ethacrunic acid, lithim, methotrexate, phenytonin, antibiotics, heart or blood pressure medications, OTC pain medications, alcohol

Client Education

Take as directed, change positions slowly, encourage diet high in K+, consult HCP with all meds, wear sunscreen, contact HCP with rash, muscle cramps, n/v/d, numb/tingling, monitor blood sugars, I&O/DW

Evaluation of Medication Effectiveness

Decreased edema, decreased abdominal girth and weight, increase in urinary output, decrease in BP