

ACTIVE LEARNING TEMPLATE: *Medication*

STUDENT NAME Macy Schafer

MEDICATION Spirolactone REVIEW MODULE CHAPTER _____

CATEGORY CLASS Potassium Sparing Diuretic

PURPOSE OF MEDICATION

Expected Pharmacological Action

Binding to receptors at the aldosterone dependent sodium potassium exchange site in the distal renal tubule, mild diuretic effect.

Therapeutic Use

Improved survival in patients with HF
Weak diuretic and antihypertensive when compared with other diuretics

Complications

Hyperkalemia
Gynecomstia (Long term use)

Medication Administration

PO: 25 mg once daily, may then up dose to 50 mg once daily if developing hyperkalemia

Contraindications/Precautions

Acute renal insufficiency
Renal impairment
Hyperkalemia
Addison's Disease
Arrythmias

Nursing Interventions

Monitor intake and output, daily weight ratios
Evaluate BP before administration
ECGs
Asses for skin rash frequently

Interactions

Use of eplerenone increases risk of hyperkalemia
Increased hypotension with alcohol, antihypertensive agents, or nitrates
Ace inhibitors. NSAIDS, potassium increase hyperkalemia
Decreases lithium exretion

Client Education

Notify of any rash, muscle weakness or cramps, fatigue or nausea
Taking medicaton as perscribed even if not feeling well
May cause dizziness
Avoid foods high in K+

Evaluation of Medication Effectiveness

Improved survival in HF
Decrease in BP
Prevention of hyperkaleimia