

NUR 354 PHARMACOLOGY II EXAM 2|NEW 2025-2026|110QUESTIONS&ANSWERS|ALREADY GRADED
A+

What drug class do furosemide and bumetanide fall under?

Loop diuretics

What is the pharmacological action of loop diuretics?

- block reabsorption of sodium, chloride, and water in the loop of Henle

Which diuretic class still works well in kidney impairment?

Loop diuretics

What are the therapeutic uses associated with loop diuretics?

- reduce edema from HF, cirrhosis, and renal failure
- can be used to temporarily treat hypertension from FVE

What are the drug interactions associated with loop diuretics?

- hypokalemia risk: may cause dysrhythmias with digoxin and cardiac glycosides (heart failure meds)
- caution with meds that are nephrotoxic or ototoxic like opioids and amino-glycoside antibiotics
- may counteract insulin and cause hyperglycemia due to increased blood concentration

What are the food interactions associated with loop diuretics?

- hawthorn = hypotension
- ginseng and high sodium reduce effectiveness

What side effects are associated with loop diuretics?

- hypokalemia and other electrolyte imbalances
- dehydration
- hypotension
- hypovolemia

What adverse effects are associated with loop diuretics?

- ototoxicity: tinnitus, vertigo, nausea
- hyperglycemia
- hyperuricemia
- increased LDL and decreased HDL

What are some nursing interventions for loop diuretics?

- obtain baseline data: vitals, I&O's, amount and placement of edema, lung sounds, skin turgor, mucous membrane assessment
- daily weights at same time each day
- monitor electrolyte levels
- monitor BP and HR/pulses before administration

What are some safety considerations for loop diuretics?

tell provider if any of these symptoms develop: dry mouth, increased thirst, muscle cramps, N/V,

symptoms of orthostatic hypotension such as dizziness, lightheadedness, and syncope may occur