

QUESTION

1. A patient with a long history of chronic kidney disease (CKD) is being prepared for a cardiac catheterization procedure. The patient's current laboratory values are as follows:

Parameter	Value
Serum Creatinine	2.5 mg/dL
BUN	35 mg/dL
Serum Potassium	3.0 mEq/L
Serum Calcium	8.5 mg/dL
Serum Phosphorus	4.5 mg/dL

2. The patient is currently on a low-potassium diet and has been prescribed furosemide 40 mg daily. The patient's medical history includes hypertension, diabetes mellitus, and a recent diagnosis of heart failure. The patient is also taking aspirin and clopidogrel for secondary prevention of atherosclerosis.

3. The patient is scheduled for a cardiac catheterization procedure to evaluate for coronary artery disease. The procedure involves the insertion of a catheter into the coronary arteries to measure pressure and inject contrast dye. The patient is currently on a low-potassium diet and has been prescribed furosemide 40 mg daily. The patient's medical history includes hypertension, diabetes mellitus, and a recent diagnosis of heart failure. The patient is also taking aspirin and clopidogrel for secondary prevention of atherosclerosis.

4. The patient is currently on a low-potassium diet and has been prescribed furosemide 40 mg daily. The patient's medical history includes hypertension, diabetes mellitus, and a recent diagnosis of heart failure. The patient is also taking aspirin and clopidogrel for secondary prevention of atherosclerosis.

ANSWER

1. The patient's laboratory values indicate severe CKD (Stage 4-5) with a serum creatinine of 2.5 mg/dL and a BUN of 35 mg/dL. The patient also has hypokalemia (serum potassium 3.0 mEq/L) and hypocalcemia (serum calcium 8.5 mg/dL). The patient's current medications include furosemide 40 mg daily, aspirin, and clopidogrel. The patient is also on a low-potassium diet.

2. The patient's medical history includes hypertension, diabetes mellitus, and a recent diagnosis of heart failure. The patient is also taking aspirin and clopidogrel for secondary prevention of atherosclerosis.

3. The patient is scheduled for a cardiac catheterization procedure to evaluate for coronary artery disease. The procedure involves the insertion of a catheter into the coronary arteries to measure pressure and inject contrast dye. The patient is currently on a low-potassium diet and has been prescribed furosemide 40 mg daily. The patient's medical history includes hypertension, diabetes mellitus, and a recent diagnosis of heart failure. The patient is also taking aspirin and clopidogrel for secondary prevention of atherosclerosis.

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