

### QUESTION

1. A patient with a long history of chronic kidney disease (CKD) is admitted to the hospital with acute kidney injury (AKI). The patient's baseline creatinine was 2.5 mg/dL, and the current creatinine is 4.5 mg/dL. The patient is on dialysis. The patient's blood pressure is 180/100 mmHg. The patient is on a low-sodium diet. The patient is on a low-potassium diet. The patient is on a low-phosphorus diet. The patient is on a low-protein diet. The patient is on a low-fiber diet. The patient is on a low-fat diet. The patient is on a low-sugar diet. The patient is on a low-cholesterol diet. The patient is on a low-saturated-fat diet. The patient is on a low-trans-fat diet. The patient is on a low-sodium, low-potassium, low-phosphorus, low-protein, low-fiber, low-fat, low-sugar, low-cholesterol, low-saturated-fat, and low-trans-fat diet.

Parameter	Normal Range	Current Value
Serum Creatinine	0.6-1.2 mg/dL	4.5 mg/dL
BUN	7-20 mg/dL	45 mg/dL
Electrolytes	Varies	Varies
Blood Pressure	90-120/60-80 mmHg	180/100 mmHg

2. A patient with a long history of chronic kidney disease (CKD) is admitted to the hospital with acute kidney injury (AKI). The patient's baseline creatinine was 2.5 mg/dL, and the current creatinine is 4.5 mg/dL. The patient is on dialysis. The patient's blood pressure is 180/100 mmHg. The patient is on a low-sodium diet. The patient is on a low-potassium diet. The patient is on a low-phosphorus diet. The patient is on a low-protein diet. The patient is on a low-fiber diet. The patient is on a low-fat diet. The patient is on a low-sugar diet. The patient is on a low-cholesterol diet. The patient is on a low-saturated-fat diet. The patient is on a low-trans-fat diet. The patient is on a low-sodium, low-potassium, low-phosphorus, low-protein, low-fiber, low-fat, low-sugar, low-cholesterol, low-saturated-fat, and low-trans-fat diet.

### ANSWER



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4. A patient with a long history of chronic kidney disease (CKD) is admitted to the hospital with acute kidney injury (AKI). The patient's baseline creatinine was 2.5 mg/dL, and the current creatinine is 4.5 mg/dL. The patient is on dialysis. The patient's blood pressure is 180/100 mmHg. The patient is on a low-sodium diet. The patient is on a low-potassium diet. The patient is on a low-phosphorus diet. The patient is on a low-protein diet. The patient is on a low-fiber diet. The patient is on a low-fat diet. The patient is on a low-sugar diet. The patient is on a low-cholesterol diet. The patient is on a low-saturated-fat diet. The patient is on a low-trans-fat diet. The patient is on a low-sodium, low-potassium, low-phosphorus, low-protein, low-fiber, low-fat, low-sugar, low-cholesterol, low-saturated-fat, and low-trans-fat diet.