

Chronic Kidney Disease: A New Classification and Staging System: Review Questions

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The questions below are based on the article "Chronic Kidney Disease: A New Classification and Staging System," which begins on page 18 of this issue. Choose the single best answer for each question.

- 1. Which of the following measures of kidney function is most important for defining and classifying chronic kidney disease (CKD)?**
 - (A) Blood pressure
 - (B) Glomerular filtration rate (GFR)
 - (C) Presence or absence of hematuria
 - (D) Renal imaging results
 - (E) Urine protein level
- 2. The serum creatinine concentration is a suboptimal measure of kidney function because it is affected by each of the following EXCEPT:**
 - (A) Body and muscle mass
 - (B) Certain drugs
 - (C) Diet
 - (D) Laboratory analytical methods
 - (E) Serum lipid levels
- 3. Which of the following is the gold standard test for measuring GFR?**
 - (A) Cockcroft Gault equation
 - (B) Creatinine clearance (24-hour urine collection)
 - (C) Inulin clearance
 - (D) Iothalamate clearance
 - (E) MDRD equation
- 4. Which of the following is the GFR cutoff that identifies diabetic patients who meet criteria for initiation of renal replacement therapy?**
 - (A) 25 mL/min
 - (B) 20 mL/min
 - (C) 15 mL/min
 - (D) 10 mL/min
 - (E) 5 mL/min
- 5. Each of the following maneuvers has been employed to reduce the progression of renal disease EXCEPT:**
 - (A) Blood pressure control
 - (B) High protein diet
 - (C) Lipid control
 - (D) Modulation of the renin-angiotensin system with angiotensin-converting enzyme inhibitors and angiotensin receptor blockers
 - (E) Tight glycemic control in diabetic patients with nephropathy
- 6. Which of the following is an urgent indication for initiation of renal replacement therapy?**
 - (A) Advanced anemia of chronic kidney disease
 - (B) Hyperphosphatemia
 - (C) Profound hypoalbuminemia
 - (D) Severe hyperkalemia
 - (E) Symptomatic hypocalcemia

For answers, see [page 62](#).

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Answers to the review questions asked on page 46. The article on chronic kidney disease begins on page 18.

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| 1. (B) Glomerular filtration rate (GFR) | 4. (C) 15 mL/min |
| 2. (E) Serum lipid levels | 5. (B) High protein diet |
| 3. (C) Inulin clearance | 6. (D) Severe hyperkalemia |

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