

Renal disease and HIV: self-assessment quiz

Test your knowledge and understanding by completing this quiz. You could do this before reading the article and then return afterwards to see how much you have learned.

Add the completed quiz to your professional portfolio as evidence of your learning and remember to record the number of CPD hours spent.

1. Approximately what percentage of cardiac output perfuses the kidneys?
 - a) 1%
 - b) 5%
 - c) 45%
 - d) 20%

2. What is the main function of the glomerulus.
 - a) Hormone secretion
 - b) Filtration
 - c) Acid base homeostasis
 - d) Regulation of water and salts

3. The MDRD formula takes into account which *four variables* in its estimation of GFR? {free-text answer}

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4. Which of the following would be an example of a 'pre-renal' cause of kidney injury? {tick all that apply}
 - a) Hypovolaemia
 - b) Tumour
 - c) Dehydration
 - d) Immune related, e.g. in conditions such as lupus

5. Which of following are recognised as possible causes of glomerulonephritis? {tick all that apply}
 - a) Salmonella
 - b) Streptococcus
 - c) Cytomegalovirus
 - d) Hepatitis C

6. An eGFR level of <15 (mL/min/1.73 m²) typifies which of the five stages of chronic kidney disease? {free-text answer}

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7. What blood test result could be affected on the ingestion of cooked meat? {free-text answer}.

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8. In relation to the kidney, and aside from diabetes, what may the presence of glucose on urinalysis indicate? {tick one answer}
 - a) Renal stones
 - b) Renal tubular disorder
 - c) Urinary tract infection
 - d) Malignancy

9. True or false?

Switching from TDF to TAF in the majority of PLWH who are experiencing a deterioration in renal function results in improvement for the majority?

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10. List three *modifiable* factors that can contribute to deteriorating renal dysfunction? {free-text answer}

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11. Which of the following are *not* symptoms of HIVAN?
 - a) Proteinurea
 - b) Hyperkalaemia
 - c) Atrophied kidneys on ultrasound
 - d) Glomerulosclerosis

12. Which of the following criteria must be met for PLWH to be considered suitable for kidney transplant? {tick all that apply}
 - a) Cd4 cell count >350 cell/mm³
 - b) Under 55 years of age
 - c) Non smoker
 - d) Undetectable viral load for 6/12 months minimum

Answers to the quiz can be found on page 102.