

CPD questionnaires must be completed online at <https://members.samedical.org/>

Please note: The change in CPD question format comes from the accreditation bodies, who have informed us that CPD questionnaires must consist of a minimum of 5 questions, 80% of which should be MCQs with a minimum of 4 options and only 20% of which may now be in the form of 'True or false' answers.

MCQs may be of 'single correct answer' or 'multiple correct answer' format. Where the question states that more than one answer is correct, choose more than one of *i, ii, iii* or *iv* (anything from two to all answers may be correct), and then select the correct combination from answers a, b, c or d. Where the question states that only one answer is correct, mark the single answer that you think is correct.

Regarding a cross-sectional study of patients with prosthetic mitral valves at a tertiary centre in Johannesburg

1. What percentage of patients with infective endocarditis require surgical intervention? (one answer is correct)

- a. >50
- b. >60
- c. >70
- d. >80.

2. Which of the following are complications of prosthetic valve disease? (more than one answer is correct)

- i.* thrombosis
- ii.* embolism
- iii.* pannus formation
- iv.* haemolysis.

- a. *i, ii, iv*
- b. *ii, iii, iv*
- c. *i, ii, iii, iv*
- d. *i, iii, iv.*

3. Which of the following statements is true regarding patients undergoing valve replacement in high-income settings? (one answer is correct)

- a. They are generally younger than patients in low-income settings.
- b. They have lower rates of comorbid disease than patients in low-income settings.
- c. Very few of them present with hypertension.
- d. They are generally older than patients in low-income settings.

Regarding thyroid cancer pathology in a developing region

4. Which of the following is the most common endocrine malignancy? (one answer is correct)

- a. adrenal cancer
- b. pituitary cancer
- c. thyroid cancer
- d. thymus cancer.

5. Which of the following are well-differentiated thyroid cancers? (more than one answer is correct)

- i.* anaplastic thyroid carcinoma
- ii.* papillary thyroid carcinoma
- iii.* follicular thyroid carcinoma
- iv.* oncocytic thyroid carcinoma.

- a. *ii, iii, iv*
- b. *i, ii, iii*
- c. *i, iii, iv*
- d. *ii, iii.*

Regarding early results of starting a fracture liaison service for fragility hip fractures in a regional South African hospital

6. Which of the following statements are correct regarding bisphosphonate treatment after fragility hip fracture? (more than one answer is correct)

- i.* It results in an increase in all-cause mortality.
- ii.* It offers a good safety profile.
- iii.* It accelerates osteoporosis.
- iv.* It leads to a reduction in refractures.

- a. *i, ii, iii*
- b. *ii, iii, iv*
- c. *ii, iv*
- d. *i, iii.*

7. Which of the following are included in the guidelines and treatment goals for the management of fragility hip fractures? (more than one answer is correct)

- i.* surgery within 48 hours of admission
- ii.* non-specialist surgical supervision
- iii.* orthopaedic-paediatric co-management
- iv.* evaluation for and treatment of osteoporosis.

- a. *i, ii, iv*
- b. *ii, iv*
- c. *i, iv*
- d. *i, iii, iv.*

Regarding wound documentation by doctors in academic emergency departments, Gauteng Province, South Africa

8. What is the J88 form? (one answer is correct)

- a. a clinical document from the Department of Health
- b. an administrative document from the Department of Social Services
- c. a laboratory-based document from the Department of Health
- d. a medicolegal document from the Department of Justice.

A maximum of 3 CEUs will be awarded per correctly completed test.

INSTRUCTIONS

1. Read the journal. All the answers will be found there.
2. Go to <https://members.samedical.org/> to answer the questions.

Accreditation number: MDB015/MPDP/038/400



CPD questionnaires must be completed online at <https://members.samedical.org/>

Please note: The change in CPD question format comes from the accreditation bodies, who have informed us that CPD questionnaires must consist of a minimum of 5 questions, 80% of which should be MCQs with a minimum of 4 options and only 20% of which may now be in the form of 'True or false' answers.

MCQs may be of 'single correct answer' or 'multiple correct answer' format. Where the question states that more than one answer is correct, choose more than one of *i, ii, iii* or *iv* (anything from two to all answers may be correct), and then select the correct combination from answers a, b, c or d. Where the question states that only one answer is correct, mark the single answer that you think is correct.

9. Which of the following statements is correct about a 2018 study of community service medical officers who graduated from the University of the Free State? (one answer is correct)
- 90% were adequately trained on medicolegal documentation.
 - 95% reported that there was no knowledge gap regarding medicolegal documentation.
 - 80% were well equipped to appear in court.
 - 26% reported having had undergraduate training on repeating the J88 form for assault cases.

Regarding acute cellular rejection in adult liver transplant recipients in Johannesburg, South Africa

10. In what percentage of adult liver transplant recipients does acute cellular rejection occur? (one answer is correct)
- up to 50%
 - up to 60%
 - up to 70%
 - up to 80%.

11. What are the forms of acute rejection? (more than one answer is correct)
- acute antibody-mediated rejection
 - acute lymphatic-based rejection
 - acute cellular rejection
 - acute mixed rejection.

- i, iii, iv*
- ii, iii, iv*
- i, ii, iii*
- i, ii, iv.*

Regarding thrombosis and bleeding outcomes with warfarin conversion to rivaroxaban during the COVID-19 pandemic

12. What are vitamin K antagonists? (one answer is correct)
- oral anticoagulants
 - nutritional supplements
 - direct oral anticoagulants
 - rivaroxaban therapy.

13. What factors affect vitamin K antagonist-related bleeding? (more than one answer is correct)
- dietary variations
 - drug interactions
 - short half-life
 - selective targeting of factor Xa.

- i, ii, iii*
- i, ii*
- ii, iii*
- iii, iv.*

Regarding a kidney exchange programme for South Africa

14. What are some of the reasons for non-directed altruistic donors not being able to donate their kidneys? (more than one answer is correct)
- Another more suitable donor is available.
 - The intended recipient is unable to receive a transplant for medical reasons.
 - The intended recipient dies before the transplant is performed.
 - The intended recipient is tissue compatible.

- i, ii, iii*
- ii, iii*
- ii, iii, iv*
- i, iii, iv.*

Regarding a roadmap for kidney health for South Africa in the context of universal health coverage

15. What are some of the challenges in addressing chronic kidney disease at the primary care level in South Africa? (more than one answer is correct)
- long waiting times
 - decreased number of dialysis slots
 - staff shortages
 - high patient volumes.

- i, ii, iv*
- ii, iii, iv*
- i, iii, iv*
- i, iii, iv.*

A maximum of 3 CEUs will be awarded per correctly completed test.

INSTRUCTIONS

- Read the journal. All the answers will be found there.
- Go to <https://members.samedical.org/> to answer the questions.

Accreditation number: MDB015/MPDP/038/400

