

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 an audit of extracorporeal membrane oxygenation outcomes in patients with low cardiac output syndrome

1. What is a frequent problem after cardiopulmonary bypass? (one answer is correct)
- shock and dehydration
 - low cardiac output syndrome
 - chronic renal failure
 - high cardiac output syndrome.

2. What is patient selection for the use of extracorporeal membrane oxygenation (ECMO) guided by? (more than one answer is correct)
- expected potential recovery
 - irreversible causes of cardiac failure
 - patient benefit from ECMO as a bridge to a permanent mode of treatment
 - all of the above.

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

3. Which of the following statements is correct? (one answer is correct)
- Hospital statistics show that survival to discharge rates after heart surgery when ECMO was used ranged between 17% and 52%.
 - Hospital statistics show that survival to discharge rates after heart surgery when ECMO was used ranged between 10% and 15%.
 - Hospital statistics show that survival to discharge rates after heart surgery when ECMO was used ranged between 14% and 20%.
 - Hospital statistics show that survival to discharge rates after heart surgery when ECMO was used ranged between 20% and 42%.

Regarding the Tshwane Insulin Project: Optimising insulin use in people living with type 2 diabetes at primary healthcare facilities

4. What is the leading cause of death among South African women? (one answer is correct)
- hypertension
 - cardiac disease
 - diabetes
 - ovarian carcinoma.

5. What is poor glycaemic control attributed to? (more than one answer is correct)
- failure to initiate insulin therapy

- failure to admit the patient
- failure to monitor the patient
- failure to intensify insulin therapy.

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

6. What percentage of people with type 2 diabetes need insulin injections within 10 years of diagnosis, despite the use of oral glucose-lowering drugs? (one answer is correct)
- 20%
 - 30%
 - 40%
 - 50%.

Regarding workplace bullying and mental health of medical interns in KwaZulu-Natal Province

7. What is the lifetime range of the prevalence of bullying among medical students and doctors in global studies estimated to be? (one answer is correct)
- 50 - 60%
 - 10 - 98%
 - 20 - 50%
 - 8 - 10%.

8. Generally, in which group is workplace bullying more commonly experienced? (one answer is correct)
- mid-career employees
 - old employees
 - male employees
 - female employees.

9. What are the domains measured by the quality-of-life assessment tool, the WHOQUAL-BREF? (more than one answer is correct)
- physical health
 - psychological health
 - social relationships
 - the environment.

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

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Regarding intravenous antibiotic use in a private mining hospital in North West Province

10. Which of the following statements is correct? (one answer is correct)

- a. It is estimated that antibiotic resistance will have caused >10 million deaths by 2050.
- b. It is estimated that antibiotic resistance will have caused >20 million deaths by 2050.
- c. It is estimated that antibiotic resistance will have caused >30 million deaths by 2050.
- d. It is estimated that antibiotic resistance will have caused >40 million deaths by 2050.

11. What are the risks associated with intravenous (IV) antibiotic use? (more than one answer is correct)

- i.* dose miscalculations
- ii.* intravenous line complications
- iii.* errors in intravenous preparation
- iv.* errors in intravenous administration.

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

12. What is the IV-to-oral switch associated with? (more than one answer is correct)

- i.* longer length of hospital stay
- ii.* reduced adverse events
- iii.* increase in expenditure associated with antibiotic use
- iv.* shorter length of hospital stay.

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

Regarding using the 99DOTS application for improved adherence to tuberculosis treatment in Namibia

13. What is the national prevalence of tuberculosis (TB) in Namibia? (one answer is correct)

- a. 450/100 000
- b. 465/100 000
- c. 598/100 000
- d. 600/100 000.

14. Which group in Namibia has among the highest TB rates in the world? (one answer is correct)

- a. shack dwellers
- b. informal traders
- c. mobile indigenous people
- d. children.

15. What does C-DOT stand for? (one answer is correct)

- a. country-based directly observed therapy
- b. community-based directly observed therapy
- c. council-based directly observed therapy
- d. college-based directly observed therapy.

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