

The CPD programme for *SAMJ* is administered by Medical Practice Consulting.
CPD questionnaires must be completed online at www.mpconsulting.co.za.

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, mark more than one of a, b, c or d (anything from two to all answers may be correct). For example, in Question 2, if you think that a, b and c are correct (note that these are not necessarily the correct answers), mark each of these on the answer form. Where the question states that only one answer is correct, mark the single answer that you think is correct.

Regarding death trends for 2010 - 2022 for members of a large private medical scheme in South Africa

- By what percentage was the 2019 age- and sex-standardised death rate lower than the 2010 rate in Discovery Health Medical Scheme members? (one answer is correct)
 - 10%
 - 15%
 - 20%
 - 25%
- Which of the following was the most common cause of death in 2022 in Discovery Health Medical Scheme members? (one answer is correct)
 - trauma
 - COVID-19
 - tuberculosis
 - non-communicable disease.
- Which of the following statements is correct with regard to Discovery Health Medical Scheme members? (one answer is correct)
 - Diabetes was the eighth highest cause of death in 2022.
 - Diabetes was the fourth highest cause of death in 2022.
 - Diabetes was the second highest cause of death in 2022.
 - Diabetes was the fifth highest cause of death in 2022.

Regarding missed rifampicin and isoniazid resistance by commercial molecular assays

- What was the treatment success rate for drug-sensitive tuberculosis (TB) in 2020? (one answer is correct)
 - 78%
 - 88%
 - 75%
 - 85%
- In low- to middle-income countries, when is phenotypic resistance testing performed in the context of TB? (one answer is correct)
 - If there is clinical improvement on treatment but undetected resistance is suspected.
 - If there is proven resistance but there is clinical treatment improvement.

- If there is clinical treatment failure and undetected resistance is suspected.
 - If there is clinical treatment failure and proven resistance.
- Which of the following statements is correct with regard to rifampicin and isoniazid (INH)? (one answer is correct)
 - Rifampicin and INH are not core drugs for treating susceptible tuberculosis.
 - Discordance between genotypic and phenotypic drug susceptibility testing for rifampicin and INH is common.
 - There is no need for further testing once a patient is diagnosed with rifampicin-resistant TB by the Xpert MTB/RIF Ultra assay.
 - Discordance between genotypic and phenotypic drug susceptibility testing for rifampicin and INH is rare.

Regarding the pattern of antibiotic utilisation among intensive care unit patients

- Which of the following statements is correct regarding antibiotic resistance? (one answer is correct)
 - Antibiotic resistance refers to a virus's ability to change and become less susceptible to antibiotics over time.
 - Antibiotic resistance refers to a fungus's ability to change and become less susceptible to antibiotics over time.
 - Antibiotic resistance refers to protozoas' ability to change and become less susceptible to antibiotics over time.
 - Antibiotic resistance refers to bacteria's ability to change and become less susceptible to antibiotics over time.
- Which of the following is correct regarding the 'access' category of the World Health Organization (WHO) classification on understanding prevalence of use, consumption and resistance of antibiotics? (one answer is correct)
 - The access category antibiotics are used in patients with severe clinical manifestations where the watch category cannot be considered for use.
 - The access category constitutes antibiotics where there is the highest potential for resistance.
 - The access category includes empirical first- or second-choice antibiotics with a narrow spectrum of antibacterial activity.
 - The access category is used in multidrug-resistant infections as a last resort or last choice therapy.

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 www.mpconsulting.co.za to answer the questions.

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Regarding an analysis of referral patterns of traumatic brain injury

9. Which of the following statements is true with regard to traumatic brain injury? (one answer is correct)

- Brain computed tomography (CT) is easily accessible in most South African (SA) public hospitals.
- Brain CT is the diagnostic gold standard.
- Brain CT services are equitably distributed across SA.
- Brain CT services are available in all district hospitals in SA.

10. Which of the following are included as criteria for brain CT scanning (for management of patients in district level facilities) as per the *Head Injury Guidelines Handbook*? (more than one answer is correct)

- History of a significant head injury and Glasgow Coma Scale <15 at any time following the injury.
- History of a significant head injury and existing bleeding or clotting disorder.
- History of a significant head injury and >60 years of age.
- History of a significant head injury and focal neurological deficits.

Regarding rural-urban disparities and socioeconomic determinants of caesarean delivery rates in Zimbabwe

11. What is the WHO recommended caesarean section rate? (one answer is correct)

- 5 - 10%
- 10 - 15%
- 15 - 20%
- 20 - 25%.

Regarding symptoms of anxiety, depression, and post-traumatic stress disorder 6 weeks and 6 months after ICU

12. What were survivors screened for in the study 'Symptoms of anxiety, depression, and post-traumatic stress disorder 6 weeks and 6 months after ICU: Six out of 10 survivors affected'? (one answer is correct)

- anxiety only
- depression only
- post-traumatic stress disorder only
- anxiety, depression and post-traumatic stress disorder.

13. Which of the following associations for significant psychological symptoms in the study comprised female sex, younger age, a diagnosis of trauma and frightening memories of the ICU admission? (more than one answer is correct)

- older age
- female sex
- diagnosis of trauma
- younger age.

Regarding including children's and adolescents' voices in the South African tuberculosis response

14. Which of the following statements are correct with regard to TB (more than one answer is correct)

- It affects children in the same way as it affects adults.
- Children are particularly vulnerable to infection.
- Children are particularly vulnerable to dangerous dissemination, e.g. TB meningitis.
- TB vaccine shortages affect mainly adults.

15. Which of the following statements is true with regard to the bacillus Calmette-Guérin (BCG) vaccine? (one answer is correct)

- It is very effective at preventing TB developing in adulthood.
- It is not effective in preventing TB meningitis in children.
- It is effective in preventing miliary TB in children.
- There has not been any shortage in its supply globally.

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