

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 (there are none of these this month), mark the single answer that you think is correct.

1. Risk factors and outcomes of sepsis-associated acute kidney injury in intensive care units in Johannesburg, South Africa

Regarding sepsis-associated acute kidney injury (AKI) (more than one answer is correct):

- In a study in South Africa (SA) in HIV-positive patients, sepsis was the most common cause of AKI in 60% of patients, and in another study also conducted in SA in critically ill patients with AKI, ~41% of AKI was caused by sepsis.
- Hypertension, diabetes mellitus, inotropic support and mechanical ventilation are risk factors for sepsis-associated AKI in those diagnosed with sepsis.
- Older age is not significantly associated with sepsis-associated AKI.
- Low serum albumin levels (<35 g/L) were found to be a significant factor associated with sepsis-associated AKI.

2. COVID-19 in pregnant women in SA: A retrospective review

Regarding COVID-19 in pregnant women (more than one answer is correct):

- The majority of maternal deaths in SA occur as a result of non-pregnancy-related infections.
- A large SA study, conducted at 36 hospitals across the country, showed an overall high maternal mortality rate (MMR) (6.3%) in women infected with SARS-CoV-2.
- The MMR was not higher in those admitted primarily for COVID-19, as opposed to those with incidental or asymptomatic disease.
- There was a 30% increase in maternal deaths in SA in the first 9 months of 2020, compared with the same time period in 2019.

3. Fatal infective necrotising fasciitis: Complication following *Naja nigricincta nigricincta* bite (western barred spitting cobra/ zebra snake)

Regarding complications of western barred spitting cobra (more than one answer is correct):

- Wound infections following cytotoxic snakebites are common.
- Naja nigricincta nigricincta* (western barred spitting cobra/zebra snake) is endemic to central and northern Namibia as well as southern Angola.
- The majority of bites occur during the day while the victims are walking around.
- Specific antivenom is not available.

4. Detection of karakin poisoning using a targeted mass spectrometric workflow

True/false

Plant toxicosis is uncommon in SA.

5. Postmortem genetic testing in young individuals: What clinical medical practitioners need to know

Regarding postmortem genetic testing in young individuals (more than one answer is correct):

- The field of forensic medicine is limited to medicolegal autopsies in criminal cases.
- Research on sudden unexplained deaths has shown that postmortem genetic testing can detect if an inherited cardiac arrhythmogenic disease is the cause of death in many (up to 40%) of these cases.
- Approximately 70 - 85% of sudden deaths (SDs) in young populations are cardiac related (termed sudden cardiac death), and up to 90% of these cases are potentially caused by inherited cardiac diseases.
- The global incidence of SD in the young ranges between 1.3 and 8.5 per 100 000 person-years.

Readers please note: Articles may appear in summary/abstract form in the print edition of the Journal, with the full article available online at www.samj.org.za

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

INSTRUCTIONS

- Read the journal. All the answers will be found there, in print or online.
- Go to www.mpconsulting.co.za to answer the questions.

Accreditation number: MDB015/MPDP/038/206

