

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 1, if you think that b, c and d 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. Sexual and gender-based violence and HIV in South Africa (SA): An HIV facility-based study

Regarding sexual and gender-based violence and HIV in SA (more than one answer is correct):

- In SA, ~60% of those living with HIV are women aged 15 - 24 years.
- These women have an HIV incidence that is the same as that found in men of the same age.
- Young women are particularly vulnerable to the combination of HIV and sexual and gender-based violence.
- Sexual and gender-based violence is itself a risk factor for HIV.

2. It's contrary – comorbidity does not affect survival of South Africans with colorectal cancer (CRC): An analysis from the Colorectal Cancer in South Africa cohort

Regarding colorectal cancer in SA (more than one answer is correct):

- CRC is the third most common cancer and the fourth most common cause of cancer-related death, with 1.85 million new cases diagnosed worldwide in 2018.
- The incidence of CRC appears to be decreasing in emerging low- and middle-income countries.
- In SA, the incidence of CRC is increasing steadily, and it was the 6th leading cause of cancer-related death in 2018.
- The average age of CRC patients at the time of diagnosis in sub-Saharan Africa is ~10 years younger than that observed in high-income countries.

3. Hanging-related injury in Pietermaritzburg, SA

After initial management, which consists of maintenance of an adequate airway while ensuring that the cervical spine is immobilised and protected, all hanging victims have a contrast-enhanced computed tomography (CT) scan of the head and neck to exclude major intracranial lesions and assess the cervical spine, aerodigestive tract and carotid arteries. (True/false)

4. Investigating hair zinc concentrations in children with and without atopic dermatitis (AD)

Regarding hair zinc concentrations and AD in children (more than one answer is correct):

- AD is a chronic inflammatory skin condition that typically presents within the first 2 years of life.
- Remissions and relapses occur, but few cases persist into adulthood.
- Intractable pruritus and sleep disturbance are characteristic symptoms of AD and have been associated with psychological distress, behavioural problems and reduced school performance.
- Zinc is an essential trace element, and low zinc levels may contribute to the pathogenesis of AD.

5. Tuberculosis burden in stage 5 chronic kidney disease patients undergoing dialysis therapy at Livingstone Hospital, Port Elizabeth, SA

Regarding the burden of tuberculosis (more than one answer is correct):

- SA has a reported tuberculosis (TB) incidence of 567/100 000 cases per year.
- Patients who receive dialysis are particularly vulnerable to active TB infection compared with the general population due to immune dysfunction induced by their uraemic state.
- In other low- and middle-income countries, the incidence of TB among prevalent dialysis patients is no higher than in the general population.
- Other factors that may contribute to decreased immunity in dialysis patients are malnutrition, vitamin D deficiency and hyperparathyroidism.

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.

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