

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 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. Cytomegalovirus-associated supraglottic mass in a patient on immunosuppressive therapy

Regarding cytomegalovirus (CMV; more than one answer is correct):

- CMV is a common opportunistic pathogen in immunocompromised individuals, including those infected with HIV, transplant recipients and patients using immunosuppressive agents.
- Reactivation of CMV replication always results in CMV disease in the host.
- The most common sites involve the ocular, gastrointestinal, lower respiratory tract and neurological systems.
- South Africa (SA) has an extremely high seroprevalence of CMV, with positive antibodies detected in 100% of HIV-infected individuals in rural primary care clinics.

2. Antibigram profiles and efficacy of antibiotic regimens of bacterial isolates from chronic osteomyelitis of the appendicular skeleton: A developing-world perspective

Regarding antibiogram profiles (more than one answer is correct):

- Chronic osteomyelitis is notoriously difficult to eradicate, and high treatment failure rates have been reported in the literature.
- Evidence-based treatment guidelines include resection of all necrotic tissue, dead-space management and neovascularisation of the debridement site followed by soft-tissue and bony reconstruction as required.
- Antibiotic therapy is empirically initiated as an adjunct to surgical management, and then continued as prolonged culture-specific (targeted) therapy.
- There are limited data available on the local pathogen profiles and antibiograms in developing countries, including SA.

3. Human vaccine and immunisation research in SA:

A bibliometric study

Answer true or false:

Since the Expanded Programme on Immunisation (EPI) was introduced in 1974, immunisation has played a significant role in reducing childhood morbidity and mortality caused by vaccine preventable diseases (VPDs) globally.

4. Gunshot-related injuries in trauma – the GRIT study: A profile of patients affected by gunshot-related orthopaedic injuries across SA

Regarding gunshot-related injuries in trauma (more than one answer is correct):

- Worldwide, gunshot-related injuries are focused in countries with a high level of gun ownership.
- The burden of gun violence is low in low- and middle-income countries.
- SA has among the highest burdens of gun violence in the world.
- Gun-related mortality in SA is estimated at 20 per day.

5. The case for minimum unit prices on alcohol in SA

Regarding minimum unit pricing of alcohol (more than one answer is correct):

- Only around one-third of adults in SA indicate that they consume alcohol.
- In SA, nearly half of alcohol users report that they consume five or more standard drinks on an average day.
- SA has the world's highest prevalence of fetal alcohol syndrome.
- SA's pattern of drinking is categorised as less risky than that of the Russian Federation and Ukraine.

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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