

The CPD programme for *SAMJ* is administered by Medical Practice Consulting.  
CPD questionnaires must be completed online at [www.mpconsulting.co.za](http://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.

**1. Acute kidney injury after major non-cardiac surgery: Incidence and risk factors**

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

- AKI after surgery seldom results in intensive care unit admission.
- AKI is a frequent complication in hospitalised patients.
- 20% of hospital-acquired AKI is preventable.
- Cost of care for AKI patients is higher than that of non-AKI patients.

**2. Melanoma crude incidence rates among white South Africans climbing as in other countries: An urgent call for targeted skin cancer prevention and awareness campaigns**

True/false

Exposure to solar ultraviolet radiation (UVR) is a modifiable risk factor for melanoma among lightly pigmented people.

**3. SARS-CoV-2 mutations on diagnostic gene targets in the second wave in Zimbabwe: A retrospective genomic analysis**

Regarding SARS-CoV-2 mutations (more than one answer is correct):

- There is a causal relationship between progression of the pandemic and the development of several variants of concern (VOCs).
- Most variants spread rapidly, replacing other circulating lineages, each introducing a different set of mutations, often in genes used as diagnostic targets.
- Genomic surveillance of SARS-CoV-2 helps to track the changes and identify mutations that may compromise the sensitivity of diagnostic targets.
- The South African VOC was the major circulating variant in Zimbabwe during the second wave, accounting for almost 80% of the circulating variants during that wave.

**4. Impact of interventions for tuberculosis prevention and care in South Africa – a systematic review of mathematical modelling studies**

Regarding the impact of interventions for tuberculosis (TB) prevention and care (more than one answer is correct).

- South Africa still has one of the highest burdens of TB in the world.
- There has recently been an increase in TB prevalence and mortality, resulting from the impact of SARS-Cov-2 on TB services.
- In this study, reducing delay in care-seeking among people experiencing TB-characteristic symptoms was found to have substantial impact on TB incidence and mortality.
- In this study, identifying treatment failure, improving cure rates and increasing treatment success through improved adherence were estimated to have no impact on TB incidence and mortality.

**5. Autoimmune encephalitis: Epidemiology, pathophysiology and clinical spectrum**

Regarding autoimmune encephalitis (AE) (more than one answer is correct).

- Symptom onset is often unspecific and might mimic psychiatric disease.
- Clinical and immunological criteria are not helpful in identifying the patients.
- No biomarkers exist to guide the clinician in therapy or predict outcome.
- Persons of all ages can be affected by AE, and some types of AE affect more children and young adults and are more prevalent in women.

**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](http://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](http://www.mpconsulting.co.za) to answer the questions.

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