

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 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. Dolutegravir drug-drug interactions (DDIs)**

Regarding dolutegravir DDIs (more than one answer is correct):

- Clinically relevant DDIs with antiretroviral drugs are uncommon.
- Dolutegravir is the preferred antiretroviral drug in first- and second-line antiretroviral therapy in low- to middle-income countries.
- Dolutegravir is rapidly absorbed, with a median time to maximum plasma concentration ranging from 0.5 to 2 hours.
- Dolutegravir is neither an inducer nor an inhibitor of metabolising enzymes, so it has a low propensity to act as a perpetrator of DDIs.

**2. Curatorship applications: The role of neuropsychology**

Regarding curatorship applications (more than one answer is correct):

- The World Health Organization estimates that 55 million people live with dementia worldwide, with an expected increase of 10 million per year.
- A diagnosis of dementia may lead to curatorship application.
- Curatorship is a legal process relying on clinical information to be activated, bringing about medicolegal and ethical challenges.
- Executive functioning deficits do not include the ability to plan.

**3. Population-level risk factors for vertical transmission of HIV in the national prevention of mother-to-child transmission programme in South Africa (SA): An ecological analysis**

Regarding population-level risk factors for vertical transmission of HIV in SA (more than one answer is correct):

- The SA prevention of mother-to-child transmission (PMTCT) of HIV programme has been in existence for nearly 20 years.
- PMTCT services are available in few public health facilities in the country.

- Since inception of the PMTCT programme in the early 2000s, the national early mother-to-child transmission transmission rate (4 - 6 weeks of age) declined significantly from 25 - 30% in 2001 to ~1.4% in 2016.
- Maternal seroprevalence rates for HIV have plateaued at 30% since 2003.

**4. Long-stay medical-surgical intensive care unit (ICU) patients in SA: Quality of life and mortality 1 year after discharge**

Regarding quality of life and mortality 1 year after discharge from a long-stay surgical ICU (more than one answer is correct):

- Long-stay patients comprise 5 - 10% of the total ICU population, yet are reported to consume 20 - 40% of ICU bed days and other ICU resources.
- ICU outcomes should not be judged by mortality alone, but should include other outcome markers including the patient's total biopsychosocial wellbeing after hospital discharge.
- Post intensive care syndrome does not include psychological problems.
- Long-term effects of critical illness are even more prominent in ICU patients who are subjected to prolonged mechanical ventilation.

**5. Predictors of unfavourable tuberculosis (TB) treatment outcome in Bilene District, Gaza Province, Mozambique: A retrospective analysis, 2016 - 2019**

Answer true or false:

- HIV is a major risk factor for developing TB in Mozambique.

**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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