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CPD questionnaires must be completed online at [www.mpconsulting.co.za](http://www.mpconsulting.co.za).

**True (A) or false (B):**

**SAMJ**

**Lamivudine monotherapy in children and adolescents: The devil is in the detail**

1. About 20% of children on antiretroviral therapy will develop virological failure.
2. One reason for the increased risk of virological failure and drug resistance in children is poor palatability of paediatric drugs.
3. In children with virological failure, associated drug resistance mutations may occur in up to 90% of cases.
4. Any social or financial instability or change has been shown to threaten the sustainability of treatment in children on anti-retroviral therapy.
5. Currently, children failing a first-line non-nucleoside reverse transcriptase inhibitor-based regimen are switched to a protease inhibitor-based regimen.

**Impact of Xpert MTB/RIF rollout on management of tuberculosis in a South African (SA) community**

6. In ideal conditions, sample processing with Xpert MTB/RIF takes 2 hours, with <20 minutes' hands-on processing time.
7. In the diagnosis of tuberculosis, sputum smear microscopy has relatively low diagnostic sensitivity and cannot detect drug resistance.
8. Sputum culture for *Mycobacterium tuberculosis* provides immediate results that guide clinical management.
9. Xpert MTB/RIF has approximately two-fold higher sensitivity than sputum smear microscopy.

**Mortality trends in the City of Cape Town (CoCT) between 2001 and 2013: Reducing inequities in health**

10. All-cause mortality in the CoCT declined by 8% from 938 to 863 per 100 000 between 2001 - 2004 and 2010 - 2013.

11. Mortality in males declined more than in females owing to a large reduction in male injury mortality, particularly firearm-related homicide.
12. The sustainable development goals specifically call for reduction of inequity within and among countries.
13. Child mortality has been used as a universal indicator of inequality because it is sensitive to socioeconomic change and therefore extensively used by international agencies to compare health and socioeconomic progress between regions and individual countries.

**Hepatitis C: An SA literature review and results from a burden of disease study among a cohort of drug-using men who have sex with men in Cape Town, SA**

14. Hepatitis C was cloned, named, and characterised in 1989.
15. Hepatitis C infection can be cleared spontaneously by effective host immune responses in 18 - 34% of cases.
16. In 20 - 40% of cases of hepatitis C, chronic infection leads to fibrosis, cirrhosis and end-stage liver failure over 20 - 30 years.
17. Hepatitis C infection is curable and the new oral regimens with direct-acting antiviral (DAA) agents have revolutionised management.

**Obstetric spinal hypotension: Preoperative risk factors and the development of a preliminary risk score – the PRAM score**

18. Spinal hypotension during caesarean delivery occurs commonly and, depending on the definition used, may have an incidence as high as 71%.
19. Hypotension during caesarean delivery is a potentially life-threatening event and is associated with nausea and vomiting, loss of consciousness, cardiac arrest, death and fetal compromise.
20. Preoperative heart rate, preoperative mean arterial pressure and advancing maternal age are predictive of hypotension.

**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**

1. Read the journal. All the answers will be found there, in print or online.
2. Go to [www.mpconsulting.co.za](http://www.mpconsulting.co.za) to answer the questions.

Accreditation number: MDB015/047/01/2017

