

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).

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

**SAMJ**

**Climate change, public health and COP21**

1. Climate trends projections for SA suggest that average temperatures will increase by approximately 2°C more than the predicted average global increase of 2°C by 2100.
2. Diarrhoeal infections have been linked to anomalously dry seasons and increases in monthly average maximum temperatures in sub-Saharan Africa.
3. Malaria in Limpopo is more significantly associated with rainfall than temperature.
4. Water scarcity will threaten the production of staple food crops at both subsistence and commercial levels.
5. Food insecurity and extreme events could also lead to mass population migration impacting disease transmission patterns, burdening healthcare systems and pressurising demand for local services.

**Measurement of viral load by the automated Abbott real-time HIV-1 assay using dried blood spots**

6. Measuring the HIV-1 burden from whole blood dried on filter paper provides a suitable alternative for low-technology settings with limited access to laboratory facilities, such as sub-Saharan Africa.

**Diagnostic accuracy of integrated positron emission tomography/computed tomography in the evaluation of pulmonary mass lesions in a tuberculosis-endemic area**

7. Integrated positron emission tomography/computed tomography (PET-CT) is a well-validated modality for assessing pulmonary mass lesions and specifically for estimating the risk of malignancy.
8. PET-CT is found to have a poor diagnostic accuracy in an area, such as SA, with a very high incidence of TB.

**An electronic colonoscopy record system enables detailed quality assessment and benchmarking of an endoscopic service**

9. Flexible fiberoptic colonoscopy is the current gold standard investigation for diseases of the colon, as it allows direct visualisation of the entire colon, and for several therapeutic interventions.
10. According to guidelines of the American Society of Gastroenterology, the rate of complete colonoscopy should be >90% for diagnostic colonoscopy, and >95% for screening colonoscopy.

**CME**

**Lupus nephritis: A simplified approach to diagnosis and treatment in SA**

11. As many as 80% of patients with systemic lupus erythematosus (SLE) may develop overt abnormalities of renal function late in the course of the disease.
12. SLE is a rare condition in Africa.

**Evidence-based treatment of SLE and its complications**

13. On current evidence, all SLE patients should be prescribed an antimalarial drug.
14. Corticosteroids are responsible for most irreversible organ damage in SLE patients 15 years after diagnosis.

**Infections in the management of rheumatic diseases: An update**

15. Patients with rheumatoid arthritis should be screened for hepatitis B virus before initiation of methotrexate, leflunomide and biologic therapies.

**Meeting the challenges in the diagnosis of inflammatory myopathies**

16. Inflammatory myopathies is an umbrella term for a group of muscle diseases exemplified by dermatomyositis and polymyositis.
17. It is important to exclude hyper- and hypothyroidism in the differential diagnosis of inflammatory myopathy.

**Juvenile idiopathic arthritis – an update on its diagnosis and management**

18. Juvenile idiopathic arthritis is the most common form of chronic arthritis in children and the most common form of musculoskeletal disability in children.

**Approach to lower back pain**

19. Lower back pain is the most expensive benign condition in industrialised countries owing to the number of work days lost.

**Gout and hyperuricaemia**

20. Gout has two clinical presentations affecting the musculoskeletal system – acute arthritis and chronic tophaceous gout.

Readers please note: articles may appear in summary/abstract form in the print edition of the journal, with the full article available online via [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.

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