



## SAJAA CPD ANSWER FORM – May/June 2024

PLEASE SUBMIT ONLINE BEFORE 31 MARCH 2025

Earn 3 CEUs  
per edition

Please answer the following questions:

### The prevalence and impact of workplace bullying amongst anaesthetists

**1. A characteristic of workplace bullying according to the article is:**

- It is always physical in nature.
- It can occur only between individuals of equal hierarchical status.
- It may involve a power imbalance.
- It is confined to the medical field only.

**2. The prevalence of workplace bullying among anaesthetists in the eThekweni public sector, according to the study, is:**

- 10.2%
- 38.6%
- 55.4%
- 72.9%

**3. The demographic group identified as being twice as likely to experience workplace bullying compared to their counterparts is:**

- Female anaesthetists.
- Anaesthetists aged 45 to 54.
- Senior consultants.
- Anaesthetists with less than five years experience.

**4. The impact of workplace bullying on patient care might include:**

- Increased job satisfaction among healthcare workers.
- Improved communication and teamwork among medical staff.
- Serious medical errors and compromised quality of care.
- No discernible effect on patient outcomes.

### Spondylo-ocular syndrome: Anaesthetic concerns and considerations for a novel genetic syndrome: A Case Report

**5. Spondylo-ocular syndrome follows the following mode of inheritance:**

- Autosomal dominant inheritance.
- Autosomal recessive inheritance.
- X-linked dominant inheritance.
- Mitochondrial inheritance.

**6. Xylosyltransferase 2 is an enzyme responsible for:**

- Glycoprotein synthesis only.
- Glycoprotein hydrolysis only.
- Glycosaminoglycan and proteoglycan synthesis.
- Glycosaminoglycan and proteoglycan hydrolysis.

**7. Spondylo-ocular syndrome presented with various features excluding:**

- Hyperpigmentation.
- Cardiac anomalies.
- Intellectual disabilities.
- Early onset cataracts.

**8. Which of the following regarding pamidronate infusions is true?**

- It needs to be given weekly over a period of eight months to be effective.
- It has been proven to be effective for patients with nonsense mutations only.
- It delays the onset of cataracts.
- Normalisation of vertebral bodies has been reported with its use.

**9. Which of the following statements are false?**

- Cataracts develop in early childhood.
- Facial fractures are present at birth.
- Cardiac abnormalities are common.
- Platyspondyly can be present at any level of the vertebral column.

**10. Which of the following answers are false regarding anaesthetic management?**

- The use of a blood pressure cuff should be carefully considered.
- Pressure point protection needs special attention.
- These patients are not considered to have difficult airways.
- Emergence delirium should be avoided.

### Eclampsia superimposed on uncorrected cardiac disease

**11. With respect to the incidence of hypertensive disorders of pregnancy, in patients with co-existing congenital heart disease, pre-eclampsia occurs:**

- More frequently.
- Equally frequently.
- Less frequently.

**12. Physiological stressors associated with increased pulmonary vascular resistance include:**

- Dehydration.
- Bleeding.
- Hypothermia.

**13. Recommendations for neuraxial anaesthesia in patients with uncorrected TOF include:**

- Giving the test dose in divided aliquots.
- Low dose spinal anaesthesia.
- Using air for the loss of resistance technique.

**14. Indications for general anaesthesia in patients with underlying cardiac disease undergoing Caesarean section include:**

- mWHO Class 3.
- Dyspnoea which precludes them from lying supine.
- Right ventricular outflow tract obstruction.

**15. Use of nitrous oxide is advantageous because it:**

- Is associated with less uterine atony through a decrease in volatile requirements.
- Decreases pulmonary vascular resistance.
- Has no systemic side-effects.

**16. In patients with underlying cardiac disease, oxytocin is the uterotonic of choice because it:**

- Has fewer side-effects than carbetocin.
- Has no effect on pulmonary vascular resistance.
- Can be titrated.

### The equivalence and reliability of point-of-care of devices routinely used for haemoglobin (Hb) measurement by comparison to the laboratory standard

**17. What did we consider a clinically significant difference for interchangeability?**

- 10% variance in the mean HCT.
- 10% variance in the p-value.
- 10% variance between the device mean and the NHLS.
- Hb needed to be the same between the devices.

**18. How many patients were involved in this study?**

- 52
- 53
- 54
- 55

**19. What was a bias in the study?**

- Patient selection bias.
- Anchoring bias.
- Confirmation bias.
- Patient selection bias.

**20. From this study, which is the most reliable point-of-care device?**

- Arterial blood gas machine.
- Massimo Rad 7.
- Mission haemoglobinometer.
- National laboratory centre.

To complete and submit this CPD activity go to [www.mpconsulting.co.za](http://www.mpconsulting.co.za)

Note that from the 2<sup>nd</sup> of April 2024 MPC is now offering a comprehensive CPD compliance solution under their new brand as Vertice Software Solutions. This is an annual subscription offered to HCPs to:

- Gain access to all relevant CPD medical journals published on the **Sabinet African Journals Platform** with full functionality and seamless integration to support medical research.
- Complete CPD assessments for all accredited medical journals (excluding those associated with Association or Society Memberships) on the Vertice Software Solutions' system.
- Receive CPD Compliance Support services to HCPs requiring assistance with their CPD compliance status at the Health Professions Council of South Africa (HPCSA), where HCPs complete CPD assessments for Medical Journals. This support service is provided by Vertice Software Solutions.

To subscribe to this service, or more information please contact the Vertice support team [support@vertice.software](mailto:support@vertice.software).



Medical Practice Consulting:  
Client Support Center:  
+2712117001  
Office – Switchboard:  
+2712117000

MDB015/240/01/2024