

## SAJAA CPD ANSWER FORM – November/December 2024

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per edition

Please answer the following questions:

### Sustainability in anaesthesia: are South African anaesthesia providers doing their part?

**1. The global warming potential (GWP) of desflurane is:**

- 298
- 2 540
- 130

**2. The ozone depleting potential (ODP) of sevoflurane is:**

- 0.00
- 1.56
- 0.03

**3. Regional/neuraxial only techniques are preferred by:**

- Private practitioners
- Junior practitioners
- Specialists

**4. Propofol TIVA is preferred by:**

- Private practitioners
- Public practitioners
- Registrars

**5. The use of desflurane is preferred by:**

- Public practitioners
- Registrars
- Private practitioners

### Virtual reality for perioperative anxiety treatment in a resource-variable setting: an observational trial

**6. Which of the following is a novel, potentially more efficient scale for measuring perioperative anxiety?**

- mYPAS
- ICC
- HRAD+/-

**7. Which of the following negative outcomes has NOT been associated with preoperative anxiety?**

- Increased morbidity
- Delayed emergence
- Higher incidence of emergence delirium
- Greater postoperative pain/analgesia use

**8. Virtual reality implementation with low cost options can cost as low as (USD):**

- \$10 per headset
- \$100 per headset
- \$1 000 per headset

**9. In which of the following patient populations is Virtual reality not appropriate**

- Mild attention deficit disorder
- No previous exposure to Virtual Reality
- Severe visual/hearing loss
- Allergies to midazolam

**10. What percentage of the world population owns a smartphone?**

- 20%
- 40%
- 80%

### Rethinking undergraduate anaesthesia: an African perspective on a missed opportunity to grow specialist anaesthesia training

**11. In the context of medical education, what does the term "special rotation" refer to?**

- A rotation that occurs only in rural hospitals
- A rotation that is exclusively for advanced students
- A rotation that is often short and may be voluntary
- A mandatory rotation in a specialised field

**12. Which of the following perceptions about anaesthetists was noted among medical students?**

- Anaesthetists are seen as leaders in the operating room
- Anaesthetists are often involved in patient consultations
- Anaesthetists are not considered as knowledgeable specialists
- Anaesthetists are perceived as playing a subservient role

**13. What is NOT a significant factor influencing the interest of medical students in anaesthesiology?**

- The number of anaesthesia procedures observed
- The availability of textbooks
- The length of the training programme
- Interaction with anaesthesiology faculty

**14. What is a significant first step in future undergraduate anaesthesiology curriculum development in Africa?**

- Increased funding for education research
- Active participation from anaesthesiology faculty
- More postgraduate training programmes
- Standardised testing for students

**15. What is a significant issue regarding the number of applicants for anaesthesia training slots in Africa?**

- Most medical students prefer anaesthesia over surgical specialties
- There is a shortage of applicants for anaesthesia training slots
- There is a surplus of applicants for anaesthesia training slots
- Anaesthesia training slots are often not available in Africa

### Audiovisual distraction in perioperative anxiety in paediatric patients at a regional hospital

**16. The following risk factor for paediatric preoperative anxiety was found in this study:**

- Previous traumatic experience
- Child temperament
- Age between 1–5 years

**17. Regarding the assessment of preoperative paediatric anxiety**

- A mYPAS > 40 indicates anxiety
- The mYPAS is a validated tool for paediatric patients
- The maximum mYPAS score is 30

**18. A key finding of this study was**

- Parental presence decreased child anxiety
- Audiovisual distraction had no effect on compliance at induction
- Children in the intervention group had lower anxiety at induction

**19. Preoperative anxiety can cause the following effect after surgery**

- Lower analgesic requirements
- Maladaptive behaviours after surgery
- Decrease risk of emergence delirium

**20. The peak preoperative anxiety in children occurs**

- During the preoperative assessment
- At induction
- During emergence

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