



SAJAA CPD ANSWER FORM – July/August 2021

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Please answer the following questions:

The “new kid” on the fascial plane block: erector spinae block – a narrative review

1. The mechanism of action of the erector spinae plane block proposes spread of an injected local anaesthetic:

- Above the erector spinae muscle
- Between the trapezius and rhomboid major muscles
- Below the erector spinae muscle

2. The technique described for the erector spinae plane block involves:

- Ultrasound-guided identification of the vertebral transverse process and adjacent injection of local anaesthetic
- Ultrasound-guided identification of the vertebral spinous process and adjacent injection of local anaesthetic
- Ultrasound-guided identification of the vertebral lamina and adjacent injection of local anaesthetic

3. For lumbar level erector spinae plane blocks, the following ultrasound probe should be used:

- Linear transducer
- Curvilinear transducer
- Phased transducer

4. The erector spinae plane block can be utilised as part of the analgesic plan for which of the following surgeries:

- Thoracotomy
- Breast surgery
- Laparoscopic surgery
- C-spine surgery
- All of the above

5. The erector spinae plane block may result in:

- Sensory blockade alone
- Visceral and somatic blockade
- Motor blockade alone

Anaesthesiology trainers’ knowledge, attitudes and practices of feedback in a South African anaesthesiology department

6. Factors reported to inhibit feedback include:

- gender of trainer
- time pressures
- student’s inability to self-assess
- all of the above

7. With regards to follow-up on feedback:

- The majority of respondents in this study followed-up on trainees
- Half of the respondents actively followed-up on trainees
- One-third of trainers admitted to not following up on trainees

8. Feedback training:

- Trainers were well guided on how to provide constructive feedback
- Consultants are regularly trained on how to become leaders
- Registrars are not trained to receive feedback

9. Good quality feedback:

- is not impacted by service delivery
- should be timeous and frequent
- does not always require predefined objectives

10. Feedback Wednesday:

- Is a frequent Wednesday conversation amongst trainers
- Involves sending electronic reminders to both trainers and trainees every Wednesday
- Prompts a monthly feedback session between trainer and patient

The incidence of maternal hypoglycaemia with prolonged fasting before elective caesarean section

11. Maternal hypoglycaemia:

- occurred in less than 10% of the participants in this study
- is defined as a whole blood glucose level of less or equal to 3.9 mmol/L
- was not associated with ketonuria

12. Maternal perioperative fasting guidelines:

- differ significantly from non-pregnant women undergoing surgical procedures
- are for six and two hours for solids and clear fluids, respectively
- are different for elective and emergency caesarean section

13. This study showed that:

- hypoglycaemia occurred in 39.3% of the study’s elective caesarean section patients
- urine ketones were present in all of the study participants, who were fasted overnight
- hypoglycaemia did not occur in either elective or emergency caesarean section patients

14. Regarding maternal glucose level:

- maternal glucose levels should be tested at earlier than nine hours of fasting
- maternal glucose level was lower in diabetic participants
- fasting for less than nine hours conferred low-risk for maternal hypoglycaemia

15. The 50% probability of hypoglycaemia occurred:

- at 40 hours of fasting
- after 18 hours of fasting
- at 16 hours of fasting

Evaluation of the anaesthetic theatre educational environment at the University of the Witwatersrand

16. Which one of the following is NOT a validated instrument used to assess the quality of the educational environment in the hospital setting?

- Anaesthetic Theatre Educational Environment Measure (ATEEM)
- Postgraduate Hospital Educational Environment Measure (PHEEM)
- Dundee Ready Education Environment Measure (DREEM)
- Clinical Learning Education Environment Measure (CLEEM)

17. The Anaesthetic Theatre Educational Environment Measure (ATEEM) questionnaire consists of the following number of domains:

- 4
- 5
- 6
- 7

18. In this study, the highest and lowest scoring domains of the Anaesthetic Theatre Educational Environment Measure (ATEEM) questionnaire were:

- Workload/supervision/support and perception of atmosphere
- Autonomy and workload/supervision/support
- Perception of atmosphere and autonomy
- Learning opportunities and autonomy

19. The adapted Anaesthetic Theatre Educational Environment Measure (ATEEM) questionnaire used in this study included one further item. This item was:

- Sexual discrimination
- Religious discrimination
- Racial discrimination
- Age discrimination

20. An important development in medical training programmes has been the move towards:

- Competency-based education
- Customary education
- Traditional education
- None of the above

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