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Questions and answers

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Preguntas y respuestas

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- When comparing the manual total intravenous anesthesia vs. target controlled infusion (TCI) a statistically significant difference was found:
 - In the hemodynamic parameters of heart rate and blood pressure before endotracheal intubation
 - In the hemodynamic parameters of heart rate and blood pressure after the endotracheal intubation
 - In the hemodynamic parameters of heart rate and blood pressure after the endotracheal extubation
 - Within the anesthesia recovery period
- When comparing early tracheostomy (intubation less than 14 days) vs. late tracheostomy (more than 14 days) in patients with mechanical ventilation, there is a statistically significant difference:
 - In the number of days of total mechanical ventilation
 - In the ICU length of stay
 - In survival
 - A and B are true
- Perioperative hypothermia is a frequent condition in anesthetic and surgical procedures associated with potentially serious complications. Currently, the Colombian Society of Anesthesiology and Resuscitation recommends mandatory temperature monitoring except for:
 - Surgeries extending over 4 h
 - Moderate or severe trauma
 - Heart surgery
 - When the expected blood loss exceeds one volemia
- In the Moreno-Martínez et al. paper, which of the following approaches for brachial plexus block has the highest probability to fail?
 - Infraclavicular
 - Axillary
 - Supraclavicular
 - Parascalene
- Which of the following criteria is not part of the early resuscitation goals in the septic patient (in the first 3 h)?
 - Lactate level measurement
 - Blood cultures before starting the antibiotic
 - Mean blood pressure over 65 mmHg
 - Administration of broad spectrum antibiotics
- The revised face pain scale (FPS-R) used in pediatrics has proven to be reliable and valid for patients aged:
 - 4-16 years
 - 1-6 years
 - 8-10 years
 - 3-12 years
- With regards to acetaminophen, all of the following are true, except for:
 - It is believed to be a prodrug that metabolizes in the central nervous system
 - The active molecule promotes the endogenous cannabinoid activity

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- c) Through a peripheral cyclooxygenase-2 mediated prostaglandin
- d) Its action is mediated by cyclooxygenase-5

- b) Magnetic stimulation
- c) Radiofrequency
- d) Pharmacological stimulation

8. Alterations in oxygen pressure in the arterial blood observed in patients with hepatopulmonary syndrome are mainly due to:
- a) An imbalance in the ventilation-perfusion ratio
 - b) Increases pulmonary shunt
 - c) An alteration in the oxygen diffusion capacity
 - d) All of the above

9. The diagnostic criteria for hepatopulmonary syndrome at sea level include all of the following, except for:
- a) Partial oxygen pressure below 80 mmHg
 - b) Alveolar-arterial oxygen gradient ≥ 15 mmHg
 - c) Late echocardiographic test with microbubbles (more than 3 cardiac cycles)
 - d) Portal hypertension

10. The best score to predict the hospital prognosis in patients with severe trauma is:
- a) Injury severity score
 - b) Revised trauma score
 - c) New injury severity score
 - d) Abbreviated injury scale

11. Spinal neurostimulation for chronic and ischemic pain management is based on the following principles, except for:
- a) Electrical stimulation

12. Which of the following indications for the use of spinal neurostimulation in the management of chronic pain has the best quality evidence and the strongest recommendation?
- a) Complex regional pain syndrome
 - b) Persistent pain after spine surgery
 - c) Refractory angina pectoris pain
 - d) Painful ischemic lower extremity

Answers

- 1. d
- 2. d
- 3. a
- 4. a
- 5. c
- 6. a
- 7. c
- 8. d
- 9. c
- 10. c
- 11. d
- 12. b

Reference

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