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### Questions and answers

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### Preguntas y respuestas

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1. When comparing the manual total intravenous anesthesia vs. target controlled infusion (TCI) a statistically significant difference was found:
  - a) In the hemodynamic parameters of heart rate and blood pressure before endotracheal intubation
  - b) In the hemodynamic parameters of heart rate and blood pressure after the endotracheal intubation
  - c) In the hemodynamic parameters of heart rate and blood pressure after the endotracheal extubation
  - d) Within the anesthesia recovery period
2. 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:
  - a) In the number of days of total mechanical ventilation
  - b) In the ICU length of stay
  - c) In survival
  - d) A and B are true
3. 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:
  - a) Surgeries extending over 4 h
  - b) Moderate or severe trauma
  - c) Heart surgery
  - d) When the expected blood loss exceeds one volomia
4. In the Moreno-Martínez et al. paper, which of the following approaches for brachial plexus block has the highest probability to fail?
  - a) Infraclavicular
  - b) Axillary
  - c) Supraclavicular
  - d) Parascalene
5. Which of the following criteria is not part of the early resuscitation goals in the septic patient (in the first 3 h)?
  - a) Lactate level measurement
  - b) Blood cultures before starting the antibiotic
  - c) Mean blood pressure over 65 mmHg
  - d) Administration of broad spectrum antibiotics
6. The revised face pain scale (FPS-R) used in pediatrics has proven to be reliable and valid for patients aged:
  - a) 4-16 years
  - b) 1-6 years
  - c) 8-10 years
  - d) 3-12 years
7. With regards to acetaminophen, all of the following are true, except for:
  - a) It is believed to be a prodrug that metabolizes in the central nervous system
  - b) 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
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  $\geq 15$  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  
b) Magnetic stimulation  
c) Radiofrequency  
d) Pharmacological 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
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- ### 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
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- ### Reference
- Raffán F. Questions and answers. Rev Colomb Anesthesiol. 2016;44:1-369.