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Questions and answers

Preguntas y respuestas

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1. Dantrolene is currently the only specific treatment option for the management of malignant hyperthermia. According to the literature, the non-availability of this drug leads to an overall mortality of around¹:

- (a) 35%
- (b) 55%
- (c) 80%
- (d) 95%

2. The publication by Arias-Botero, Segura-Cardona, Acosta Rodríguez et al², on the assessment of a safe environment of the operating rooms in 6 level III hospitals in the Republic of Colombia, the lowest score—a poorer perception of the level of environmental safety—assigned by the anesthesiologists was:

- (a) The frequency of adverse events reported
- (b) A non-punitive response to error
- (c) Open communications and feedback
- (d) Work overload

3. The IPACK (infiltration between popliteal artery and capsule of the knee) technique was implemented by Elliot and Thobhani in 2014 for the management of analgesia in knee surgery. Is it true that this block³:

- (a) Provides adequate analgesia to the anteromedial region of the knee, but may impair quadriceps femoris contractility

- (b) Blocks the most distal segment of the femoral nerve
- (c) Blocks the superomedial and lateral genicular nerves, branches of the sciatic nerve, and articular branches of the obturator nerve
- (d) Only blocks the articular branches of the obturator nerve in the popliteal region

4. The so-called submental intubation (SI) originally described by Hernández in 1986, is an alternative to intraoperative tracheostomy. This approach may be indicated for airway management of patients with⁴:

- (a) Orthognathic surgery
- (b) Comminuted midface fractures
- (c) Skull-base surgery
- (d) All of the above

5. Which is currently the test of choice and the reference for a patient with suspected coronavirus infection SARS-CoV-2?⁵⁻⁷

- (a) Amplification of nucleic acids by polymerase chain reaction (PCR)
- (b) Antigen detection test
- (c) Antibody detection tests (IgG, IgM)
- (d) Lung CT

6. Generally speaking, the incubation period for coronavirus SARS-Cov-19 is roughly an average of⁸:

- (a) 2 days

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- (b) 5 days
- (c) 11 days
- (d) 14 days

7. Which of the following radiological images is considered to be typical of coronavirus SARS-CoV-2-related pneumonia?⁹

- (a) Consolidation
- (b) Thickening of the adjacent pleura
- (c) Ground glass opacities
- (d) Interlobular thickening

8. When interpreting the antibody detection techniques for coronavirus SARS-Cov-2, an IgM (–), IgG (+) result is characteristic of^{10,11}:

- (a) No infection or very early infection
- (b) Acute infection
- (c) More advanced acute infection
- (d) Past infection (recovery)

9. For the management of an anticipated difficult airway, both fibrobronchoscopy (FBC) and videolaryngoscopy (VL) have been used with a high success rate. In general, how many FBC procedures should an anesthesiologist conduct to achieve a basic learning curve and how many VL intubations should be performed to accomplish the same level of proficiency?¹²

- (a) 15 with FBC and 10 with VL
- (b) 25 with FBC and 15 with VL
- (c) 25 with FBC and 6 with VL
- (d) 12 with FBC and 6 with VL

10. In the publication by Rincón-Montaña, Bernal-Vargas, and Rosselli about the gender gap for admission to specialization in anesthesiology in Colombia, between 2007 and 2017, the percentage of women increased from approximately 30% to around¹³:

- (a) 33%
- (b) 35%
- (c) 38%
- (d) 40%

Answers

- (1) c
- (2) a
- (3) c
- (4) d

- (5) a
- (6) b
- (7) c
- (8) d
- (9) c
- (10) d

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