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### Questions and answers

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### Preguntas y respuestas

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1. In Tafur-Betancourt LA, Arévalo-Sánchez M, Lema-Flórez E's research on the frequency of coughing at the time of extubation with remifentanyl, it was found that the best response was obtained with plasma levels between:

- (a) 1-2 ng/ml.
- (b) 2-3 ng/ml.
- (c) 3-4 ng/ml.
- (d) 4-5 ng/ml.

2. When comparing the effectiveness of morphine vs IV fentanyl for severe postoperative pain at equipotent doses and at intervals of 5 min, the time considered clinically relevant for the reduction of severe pain in postoperative analgesia, Cadavid-Bridges A et al. found that:

- (a) There was no significant difference in efficacy for rescue from severe pain between the two drugs.
- (b) There was a higher statistically significant incidence of nausea and vomiting with morphine than with fentanyl.
- (c) There was a higher statistically significant difference of cases of respiratory depression with fentanyl than with morphine.
- (d) There was a higher statistically significant difference in pruritus with morphine than with fentanyl.

3. In the research carried out by Tamariz-Cruz et al. on the effects on thromboelastography (TEG) in pediatric patients submitted to extracorporeal circulation for longer than 90 minutes, a statistically significant alteration was observed in:

- (a) Time R.
- (b) Alpha angle.
- (c) Lysis 30.
- (d) Maximum amplitude and Lysis 30.

4. In the scenario of obstetric analgesia, which of the following techniques has been reported in the literature with the highest frequency of complications?

- (a) Epidural.
- (b) Pudendal block.
- (c) Spinal-epidural combination.
- (d) IV opiates.

5. Postpartum haemorrhage (PPH) is the cause of 1 in 4 maternal deaths. Which of the following statements regarding the definition of maternal death is correct? The one that occurs:

- (a) During childbirth.
- (b) During gestation.
- (c) Up to 42 days after birth.
- (d) All of the above.

6. Regarding post-dural-puncture headache of the dura mater in the obstetric patient, it is true that:

- (a) It is resolved spontaneously in 40% of cases.
- (b) The use of adrenocorticotrophic hormone has recently proved to be as effective as the epidural patch.
- (c) The transnasal sphenopalatine ganglion block used in trigeminal neuralgia has been described as an alternative for its management.
- (d) All are true.

7. Regarding cardiopulmonary resuscitation technique, it is true that:

- (a) If this is done by trained personnel, the survival rate is between 7 and 24% of reported cases.
- (b) It is recommended that physicians, in general, be trained every two years.

- (c) High quality technique includes the achievement of a complete expansion of the thorax between compressions.
- (d) All are true.

**8. How many compressions, at the very least, should be performed in one minute of cardiopulmonary resuscitation?**

- (a) 100.
- (b) 90.
- (c) 80.
- (d) 120.

**9. After an AED shock you should:**

- (a) Wait 5 s so that the electric shock will not affect you when you touch the patient.
- (b) Give chest compressions immediately.
- (c) Check the patient's pulse.
- (d) Wait for the AED to retest the heart rate.

**10. The criteria postulated by Sir Austin Bradford Hill to establish a causal relationship include all of the following except:**

- (a) Strength of association.
- (b) Experimental evidence.
- (c) Temporality.
- (d) Sensitivity

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## Reference

1. Raffán F. Preguntas y respuestas. Rev Colomb Anesthesiol. 2017;45:1-154.

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## Answers

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