



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 remifentanil, 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

Reference

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

Answers

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