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Questions and answers[☆]

Preguntas y respuestas

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- 1) Natural sleep is controlled by a large pacemaker in which of the following nuclei?
 - a) Preoptic
 - b) Supraoptic
 - c) Paraventricular
 - d) Suprachiasmatic
- 2) In Guerrero-Bermúdez et al.'s single-blind, randomized trial comparing midazolam (M) to fentanyl-midazolam (FM) to ketamine-midazolam (KM) in patients undergoing subarachnoid anesthesia, they found:
 - a) A statistically significant reduction in the withdrawal reflex after a needle prick in the KM group compared to the other two groups
 - b) A greater incidence of complications in group M
 - c) A greater level of satisfaction in group KM than in group FM
 - d) There was no statistically significant difference between the three groups in terms of the degree of sedation 5 minutes after the guidelines were applied.
- 3) What would be estimated loss in blood patient for a female patient with a previous normal pregnancy, a weight of 66 kilograms, a postpartum hemorrhage, and who clinically is agitated, pale and cool, with a heart rate of 98 bpm and a systolic arterial pressure of 88 mm/Hg?
 - a) 850 c.c.
 - b) 1400 c.c.
 - c) 1800 c.c.
 - d) 2400 c.c.
- 4) Procoagulant activity increases significantly at the end of pregnancy; of the following coagulation factors, which is the least affected?
 - a) Von Willebrand factor
 - b) Fibrinogen factor
 - c) Factor VIII
 - d) Factor XII
- 5) The initial level of serum fibrinogen in postpartum hemorrhaging is a predictor of the severity and complications. What is the most widely recognized cut-off point value?
 - a) Less than 350 mg/dl
 - b) Less than 300 mg/dl
 - c) Less than 200 mg/dl
 - d) Less than 100 mg/dl
- 6) What percentage of patients presenting for cardiorespiratory arrest in a hospital – according to statistics from developed countries – leave the hospital alive, without taking the neurological state or quality of life into account?
 - a) Between 6.5% and 24%
 - b) Between 32% and 45%
 - c) Between 50% and 65%
 - d) 68% and 72%

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- 7) Of the following factors, which is (are) not (an) independent predictors of death in the first 24 hours after cardiac arrest?
- Being male
 - Pulseless electrical activity
 - Asystole
 - Being female
- 8) All of the following factors are considered to be of risk in the etiology of spontaneous pneumothorax in laparoscopic surgery, except:
- Age
 - Surgical time greater than 200 minutes
 - ET CO₂ > 50 mm/Hg
 - Sex
- 9) The incidence of failed intubation, understood as the impossibility of inserting an endotracheal tube, for the general population is approximately:
- 0.3%
 - 0.15%
 - 0.05%
 - 0.01%
- 10) Which of the following variables best evaluates lung overdistension?
- PEEP
 - Transpulmonary pressure
 - Tidal volume
 - Inspiratory time

Answers

- d
- d
- b
- d
- c
- a
- a
- d
- c
- b

References

Raffan F. Preguntas y respuestas. Rev Colomb Anesthesiol. 2015;43(2):122-170.