

CNS-Pharmacology

Archive

Lecture 11

General Anesthesia

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CNS-Pharmacology **Lecture 11**

1. Which of the following is wrong about anesthesia?

Answer: A patient may experience delirium and violent behaviour in stage III of anaesthesia

2. Regarding ketamine: Which one of the following is false? Select one:

- A. It produces analgesia with hypnosis; however, the eyes remain open.
- B. It is derived from phencyclidine and block NMDA glutamate receptors
- C. It increases blood pressure as well as intracranial and intraocular pressures
- D. It may produce delirium and hallucinations on recovery
- E. It increases respiratory rate and lowers PaCO₂.

Answer: E

3. Anesthetic drug which has a good analgesic effect + act as a strong bronchodilator?

Answer : Ketamine

4. Which of the following anesthetic drugs cause hepatic toxicity?

Answer : Halothane

5. General anesthesia MOA?

- A. Direct act at GABA-A
- B. Potentiate GABA in GABA-A with no direct effect on NMDA receptor
- C. Activation of nicotine on K⁺ currents
- D. Increase chloride efflux

Answer: A

6. Which of the following drugs is contraindicated in a stroke case?

- A. Ketamine
- B. Halothane
- C. Desflurane

Answer: A

7. GABA main function ?

- A. main inhibitory
- B. main excitatory

Answer: A

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الأسئلة التالية هي أرشيف سابق وهي لا تتعلق بشكل مباشر مع محاضرات السنة الحالية

Halothane and sevoflurane inhalation anesthetics: Which one of the following is false?

- a. Sevoflurane is chemically unstable; it decomposes on contact with lime water.
- b. Sevoflurane produce faster induction of anaesthesia than halothane.
- c. Sevoflurane has pleasant smell, and produces less respiratory depression
- d. Halothane causes higher incidence of ventricular arrhythmia.
- e. Metabolism of sevoflurane in liver produces large amount of fluoride radicals.

Something false about halothane?

Potent anesthetic and strong analgesic

Which of the following is not true about anesthetics?

Opioids cause hypertension and respiratory depression

The following side effects may be observed with halothane except? Select one:

- a. Hypotension.
- b. Jaundice
- c. Diffusion anoxia
- d. Ventricular premature contractions.
- e. Hypercapnia

Answer: E

Which one of the following is false about isoflurane?

- a. It has a pleasant smell.
- b. It has lower blood solubility than halothane
- c. It lowers blood pressure due to lowering of total peripheral resistance.
- d. It can be used with CO₂ absorption system (lime water) in the semiclosed method
- e. It depresses respiration insignificantly

Answer: D