

pharmacology

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Lecture 25

indirect acting cholinomimetic

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Pharmacology

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1. A person has been poisoned in garage by insecticides. He is transported to hospital immediately, where he receives

- A. Atropine
- B. Tropicamide
- C. acetylcholine

ANSWER*A

2. Plasma cholinesterase: Which one of the following is false?

- a. is not specific for acetylcholine.
- b. is inhibited by organophosphate insecticides
- C. destroys acetylcholine more slowly than other choline esters like dibutyl choline.
- d. is found at cholinergic synapses
- e is synthesized by liver.

ANSWER*C

3. Which of following reactivate cholinesterase enzyme in poisoning With parathion?

Select one :

- a. Bethanechol.
- b. Atropine.
- c. Edrophonium.
- d. Pralidoxime
- e. oxygen.

ANSWER*D

4. All the following statements about indirect cholinomimetics are true except?

- a Edrophonium improves myasthenic crisis in myasthenia gravis
- b. Neostigmine aggravates muscle weakness when used for diagnosis of myasthenia gravis
- C. Physostigmine may be used in treatment of atropine poisoning
- d Pyridostigmine is useful to improve neuro-muscular transmission in myasthenia gravis
- e Donepezil is useful in treatment of Alzheimer's disease

ANSWER*b

5. All the following statements about cholinomimetics are true EXCEPT:

- A. Pyridostigmine improves muscle weakness in myasthenia gravis
- B. Pilocarpine reduces intraocular pressure
- C. Bethanechol improves intestinal motility
- D. Edrophonium reduces salivary secretion
- E. Donepezil improves cognitive functions in Alzheimer disease

ANSWER*D

6. All the following statements are true EXCEPT:

- A. Pralidoxime is useful in organophosphorous insecticide poisoning
- B. Atropine is useful in organophosphorous insecticide poisoning
- C. Neostigmine is useful as an antidote to irreversible NM blocker poisoning
- D. Edrophonium aggravates muscle weakness in cholinergic crisis
- E. Atropine overdose may cause hot flushed dry skin

ANSWER*C

7. Which of the following drugs is irreversible cholinesterase inhibitor?

- a) Neostigmin
- b) pilocarpine
- c) Echothiophate
- d) physostigmine

ANSWER*C

8. In case of poisoning of organophosphate insecticide the atropine like action medication & reactive Ach esterase used:

Answer : Pralidoxime

9. A female patient taking neostigmine for myasthenia gravis, she came to clinic for her medical appointment. The doctor detects that she ends its drug bottle, which is filled again by the day. What is the side effect that appear to the patient before filling the bottle?

- A. Hypotension
- B. Nausea
- C. Constipation
- D. Xerostomia

ANSWER*C

