

pharmacology

Archive

Lecture 24

autonomic pharmacology

Medical card

Name _____

Date of b _____

Gender _____

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Date of call _____

Corrected By :

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1. Stimulation of M2 receptors in heart results in the following except? inhibition of spontaneous activity of SA node leading to bradycardia

- a. Decrease of calcium flux into myocardial muscle leading to decrease in contractility
- b. Opening of special Ach-sensitive K-channels in atrial muscle which enhance efflux of K
- c. Enhanced conduction of impulses across the A-V node
- d. Decrease in intracellular CAMP level in myocardial muscle

ANSWER*d

2. All the following statements about bethanechol are correct except?

Select one

- a. It is indirect acting Cholinomimetic drug. *
- b. It has no nicotinic actions
- c. It has selective muscarinic effects on urinary bladder and intestine
- d. used to treat post-operative ileus with abdominal distension or atrial fibrillation.
- e. is contraindicated in patients with heart

ANSWER*a

3. The following are effects of pilocarpine eyedrops except?

select one :

- a. Miosis
- b. Cyclospasm
- c. Lachrymation
- d. Drooping of upper eyelid
- e. Decreased intra-ocular pressure

ANSWER*d

4. All the following adverse effects occur with cholinomimetics except?

- a. Bronchospasm
- b. Abdominal pain
- c. Urine retention
- d. Miosis

ANSWER*c

5. Activation of nicotinic cholinergic receptors produces all the following except?
- a Stimulation of autonomic ganglia
 - b Stimulation of motor end plates at NM to produce skeletal muscle contraction
 - c Enhancing vascular endothelium to secrete nitric oxide
 - d Activation of the adrenal medulla to secrete noradrenaline and adrenaline
 - e Facilitation of opening of sodium and potassium ion channels in post-synaptic membranes

ANSWER*c

