

CVS-Pharmacology

Archive

Lecture 3

Clinical pharmacology of
angina pectoris

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CVS-Pharmacology **Lecture 3**

1. one of the following is calcium channel blockers ?

Verapamil

2. duration of nitroglycerin ?

Three minute (3 min)

3. Which of the following is incorrect about treatment of heart failure?

a. CCB (Ca channel blockers) are used for chronic heart failure

4. Route of administration for isosorbide mononitrate?

a. Orally

b. Sublingually

c. IV

Answer: B

5. Concerning organic nitrates, all the following are true EXCEPT ? Select one:

a. They contract all types of smooth muscles.

b. They relieve cardiac pain by reducing cardiac work.

c. GTN is usually given sublingually.

d. They are highly lipid soluble.

e. Plasma half life of isosorbide dinitrate is 20 minutes.

Answer: A

6 All of the following drugs are Ca-antagonist except: Select one:

a. Nifedipine

b. Verapamil

c. Diltiazem

d. Amlodipine

e. Acebutolol

Answer: E

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7. Patient given medication for hypertension & angina treatment. And due to this course patient suffers from tachycardia. Which of the following drugs is expected to have this side effect?

Answer: Isosorbide dinitrate

8. Patient with angina, takes nitroglycerin when in pain, but has a lot of incidence of pain. The following drug is used in long-term prophylaxis:

- A. Diltiazem
- B. Isosorbide dinitrate

Answer: A

9. A 2-year-old patient taking nitroglycerin for an anginal attack, what is the mechanism of the drug?

- A. increase cGMP
- B. stimulate phosphodiesterase
- C. alpha adrenergic blocker

Answer: A

10. All of the following about Ivabradine is true except ?

- A. Selective I_f channel blocker
- B. Selective negative inotropic
- C. No effect on BP
- D. First-line antianginal if beta-blocker is contraindicated
- E. combined with any other antianginal

Answer: E

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A patient with angina presents with heart block on ECG. Which of the following drugs is contraindicated?

- a) Nitroglycerin
- b) Atenolol
- c) Verapamil
- d) Nicorandil

Answer: c) Verapamil

Which of the following drugs is contraindicated in patients with Prinzmetal's (variant) angina?

- a) Nitrates
- b) Calcium channel blockers
- c) Beta blockers
- d) Nicorandil

Answer: c) Beta blockers



Medical card .

Name _____ Surname _____

Gender _____ Date of birth _____

Address _____

Date of call _____

Age _____
