

# CVS-Pharmacology

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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 suffer from tachycardia Which of the following drug expected to this side effect?

Answer: Isosorbide dinitrate

8. Patient with angina, take nitroglycerin when pain, he have alot of incidence of pain, The followed drug to use in long term prophylaxis

- A. Diltiazem
- B. Isosirbid dinitrate

Answer: A

9. 2 years old patient taking nitroglycerin for anginal effort attack, what is the mechanism of drug?

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

Answer: A

10. All about Ivabradine is true except ?

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

Answer: E