

CVS-Pharmacology

Archive

Lecture 2

Drug for treatment of
hyperlipidemia

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1. One of the following drug is a fibric acid derivatives?
 - Fenofibrate + Gemfibrozil
2. Which of the following drugs are considered bile acid sequestrants?
 - Cholestyramine
3. Which of the following matches is wrong regarding antihyperlipidemic drugs? Select one:
 - a. Statins-hypercholesterolemia
 - b. Nicotinic acid - familial hyperlipidemias
 - c. Fibrates-hypercholesterolemia.
 - d. Ezetimibe- Cholesterol Absorption Inhibitor
 - e. Cholestyramine- hypercholesterolemia

Answer: C

4. All following about antihyperlipidemic drugs EXCEPT? Select one:
 - a. Ezetimibe has short half life
 - b. Statin is contraindicated in children
 - c. Statin is contraindicated in pregnancy
 - d. Fibrates can cause Gallbladder stones
 - e. Fibrates can cause myositis

Answer: A

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5. All following about drug therapy of hyperlipidemia are TRUE EXCEPT ? Select one:

- a. Statins cause 30% reduction in LDL levels
- b. Niacin is the most potent agent to increase HDL.
- c. Fibrates cause 30% decrease in triglyceride levels
- d. Cholestyramine is bile acid sequestrant
- e. Ezetimibe increases intestinal absorption of cholesterol

Answer: E

6. All following about statins are TRUE EXCEPT?

- a. First-line therapy for reducing LDL
- b. inhibit HMG Co reductase
- c. They are given as single oral dose in the evening
- d. Are administered immediately after AMI
- e. Rare side effect: muscle pain.

Answer: D

7. Which of the following is an HMG-CoA reductase inhibitor?

- a. Fluvastatin

8. What is a derivative of Nicotinic acid?

- a. Niacin

9. A Drug contradicted with a patient with high uric acid level and gout:

Answer: niacin

10. lovastatin:

Answer: decrease mevalonic acid

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11. Drug act on bile acid ?

Cholestyramine

12. Patient have hyperlipidemia, took medication and developed gout, what is the contraindicated drug?

- A. Niacin
- B. Statin
- C. Fibric acid derivative

Answer: A

13. Patient with high cholesterol, doctor recommended to him statin + Fenofibrate, doctor should be considered about myopathy by measure every 2 weeks?

- A. creatine kinase
- B. alkaline phosphatase
- C. aminotransferase
- D. HMG

Answer: A

14. Patient with hypercholesterolemia, high LDL, taking statin and newly start to take Ezetimibe, what is the best description for mechanism of co-medication in his disease?

- A. Prevents contraindication of other drugs
- B. Reduce side effects
- C. synergistic to increase HDL
- D. enhance absorption of statin
- E. reduce cholesterol

Answer: E