



# CVS Drugs

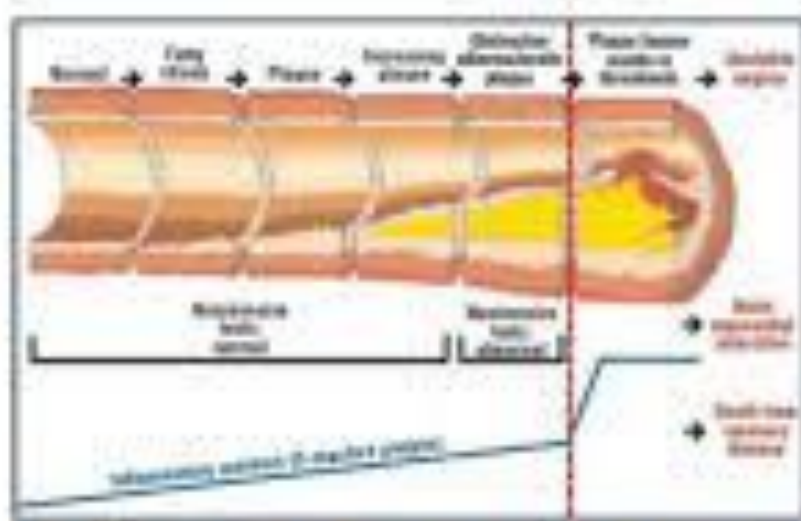
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# Objectives

- Anti anginal drugs
- Drugs for myocardial infarction
- Lipid lowering drugs



# Anti anginal drugs



## Antianginal Drugs

# Classification of Antianginal Agents

## 1. Nitrates:

- a) **Short acting** (10 minutes): Glyceryl trinitrate (GTN and Nitroglycerine) - **EMERGENCY**
- b) **Long acting** (1 Hour): Isosorbide dinitrate, **Isosorbide mononitrate**, Erythryl tetranitrate, Pentaerythritol tetranitrate

## 2. Calcium Channel Blockers:

- a) Phenyl alkylamine: Verapamil
- b) Benzothiazepin: Diltiazem
- c) Dihydropyridines: Nifedipine, Felodipine, Amlodipine, Nitrendipine and Nimodipine

## 3. Beta—adrenergic Blockers: Propranolol, Metoprolol, Atenolol and others

## 4. Potassium Channel openers: Nicorandil

## 5. Others: Dipyridamole, Trimetazidine, Ranolazine and oxyphedrine

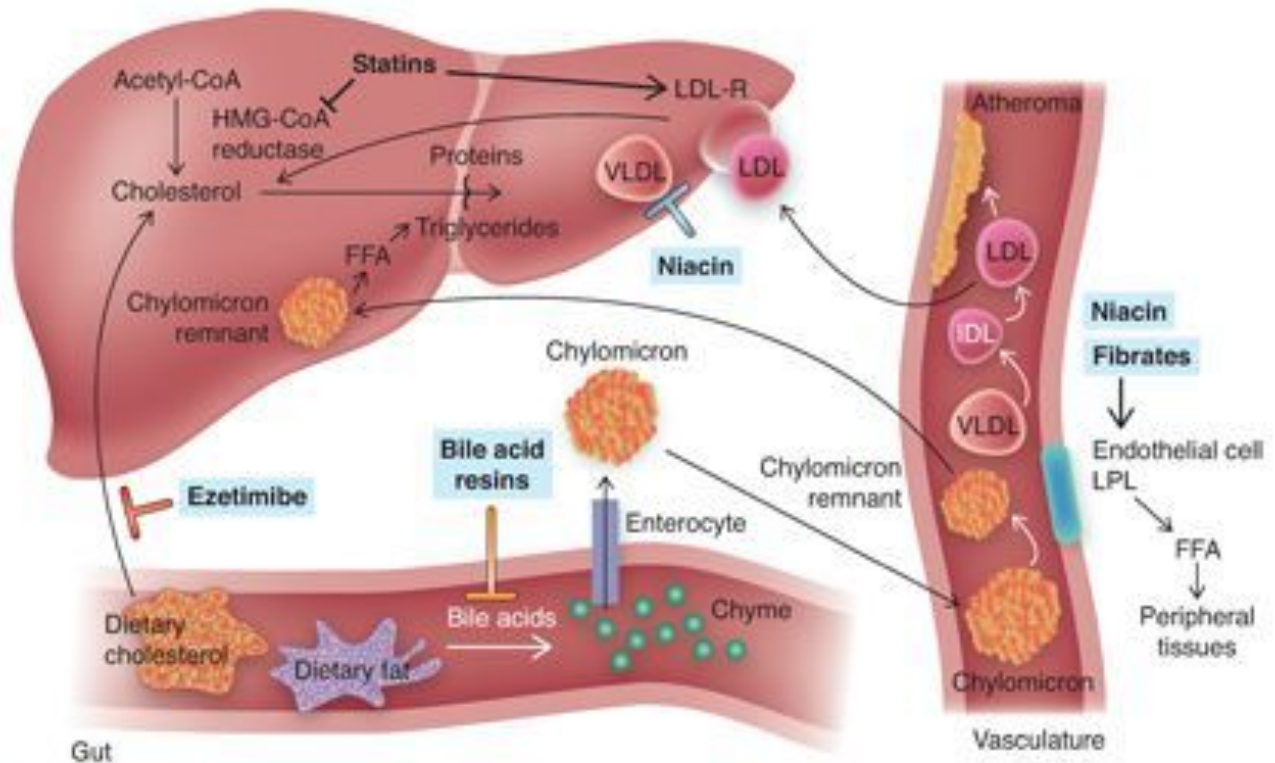
# Drugs for myocardial infarction

## CLASSIFICATION

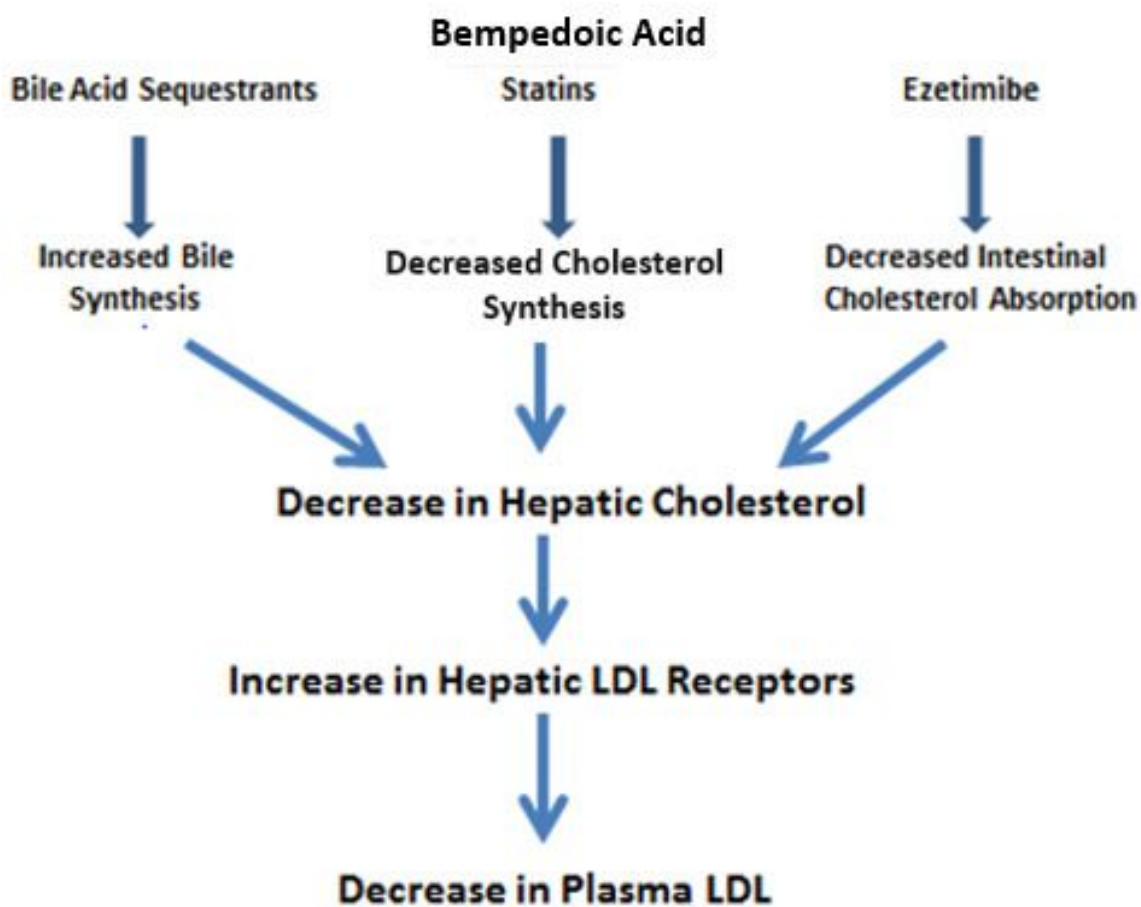
- Antiplatelets
  - Aspirin
  - Clopidogrel
  - Prasugrel
  - Ticagrelor
- Anticoagulants
  - Warfarin
- Rate limiting agents
  - $\beta$  blockers
  - Ca<sup>2+</sup> channel blockers
- Inhibition of Renin-Angiotensin-Aldosterone axis
  - ACE inhibitors
  - ARBs
  - Aldosterone antagonists
- Lipid management
  - HMG CoA reductase inhibitors
  - Misc



# Lipid lowering drugs



**FIGURE 23-1** A diagrammatic representation of lipid metabolism. T-shaped markers indicate inhibition, arrow-shaped markers indicate enhancement.



- Thanks