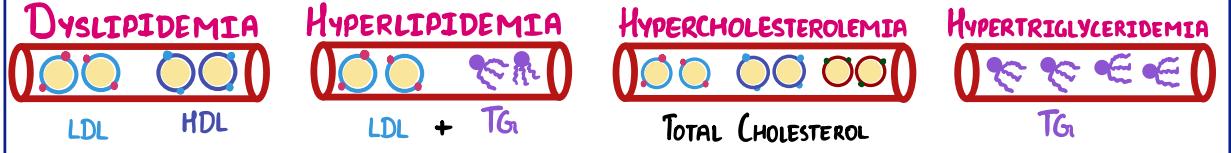
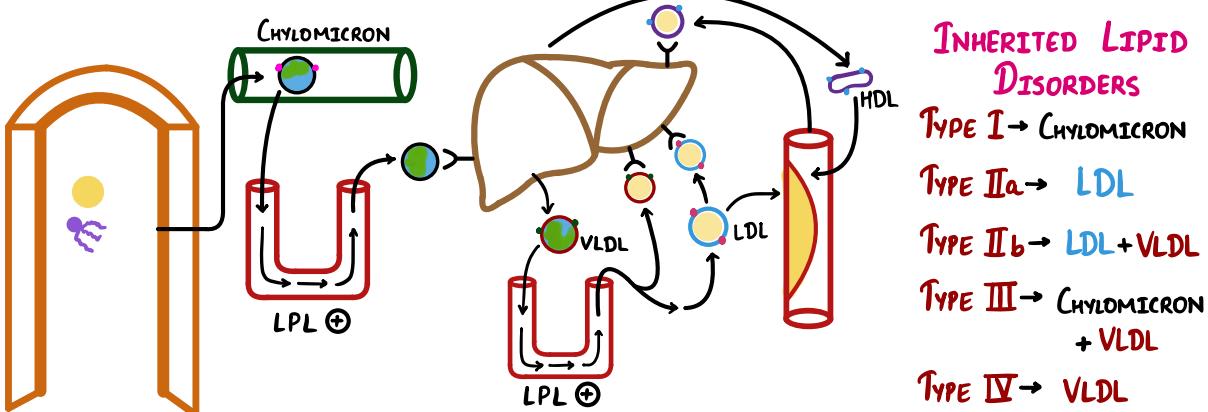


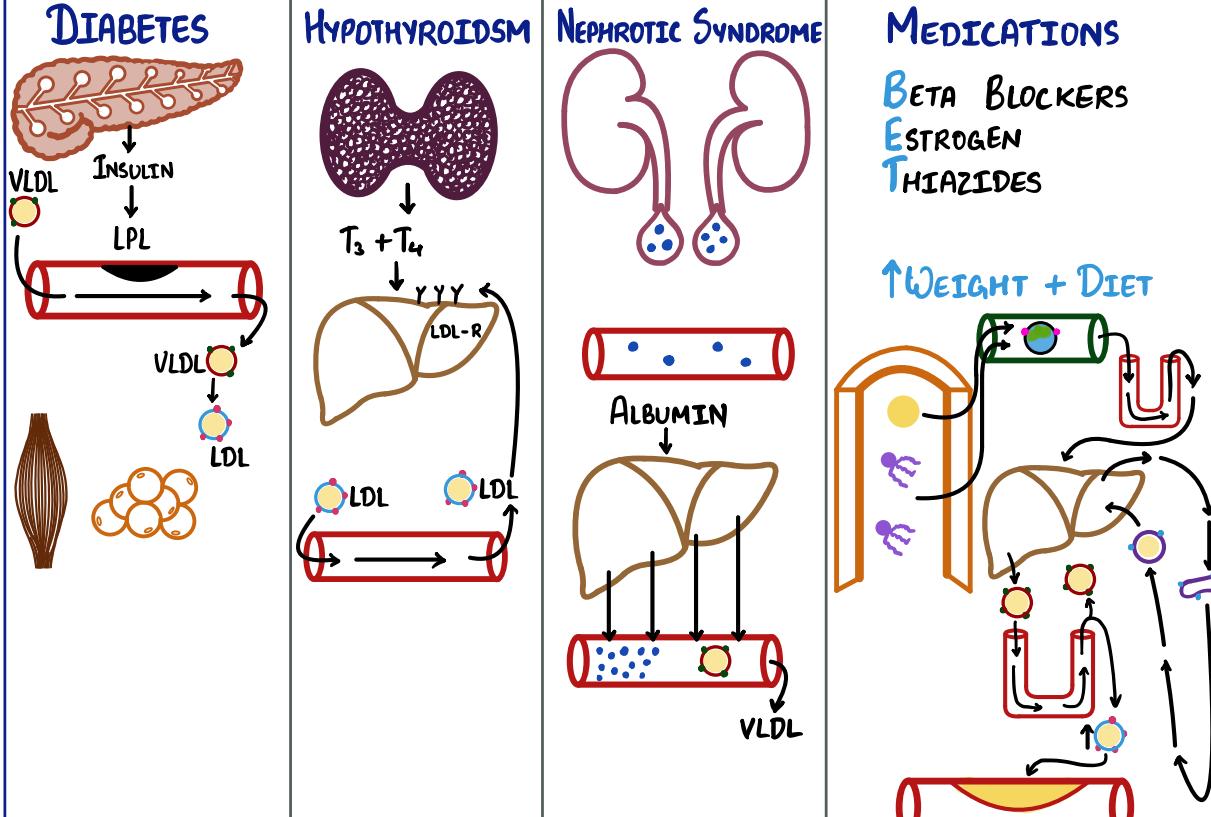
## TYPES OF LIPID DISORDERS & CAUSES/PATHOPHYSIOLOGY



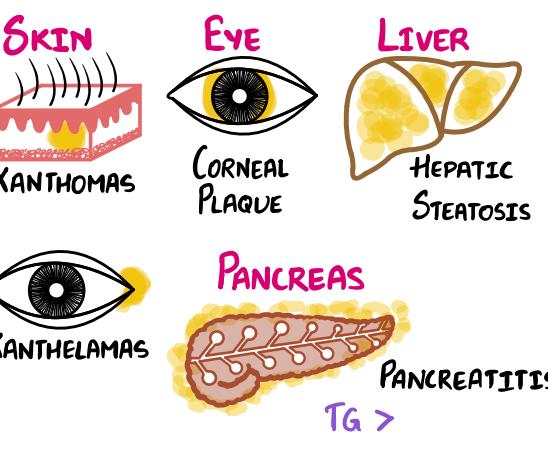
## LIPID PHYSIOLOGY



## ACQUIRED CAUSES



## FEATURES/COMPLICATIONS OF LIPID DISORDERS



## DIAGNOSIS & TREATMENT OF LIPID DISORDERS

### LIPID PANEL

- TOTAL CHOLESTEROL >
- LDL > > >
- HDL <
- TG > > >

### INDICATIONS FOR STATINS

- CLINICAL ASCVD (TIA/CVA/CAD/MI/PAD) → ↑ INTENSITY STATIN ↑  
If > 75% ↓ MODERATE INTENSITY STATIN
- LDL > 190 → ↑ INTENSITY STATIN ↑
- DM + 40-75% + ASCVD > 7.5% ↓ ↑ INTENSITY STATIN ↑
- DM + 40-75% + ASCVD < 7.5% ↓ MODERATE INTENSITY STATIN
- 40-75% + ASCVD > 7.5% ↓ MODERATE INTENSITY STATIN

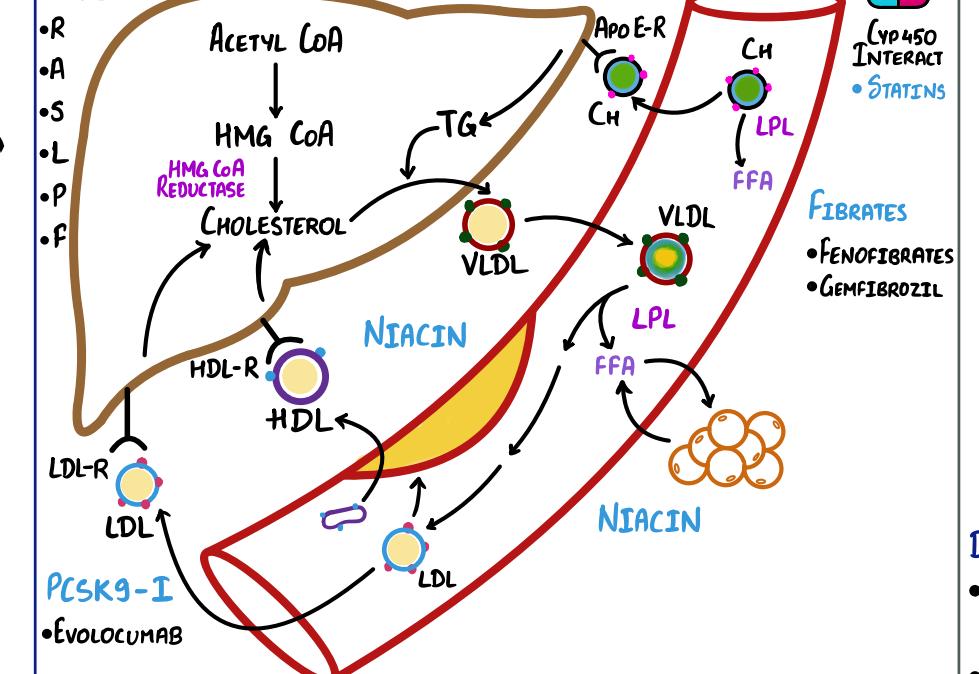
### TYPES OF STATINS

- ↑ INTENSITY STATIN ↑
  - ROUVASTATIN 20-40 mg QD
  - ATORVASTATIN 40-80 mg QD
- MODERATE INTENSITY STATIN
  - ROUVASTATIN 5-10 mg QD
  - ATORVASTATIN 10-20 mg QD
  - SIMUSTATIN 20-40 mg QD
  - LOVASTATIN 40 mg QD
  - PRAVASTATIN 40-80 mg QD
  - FLUVASTATIN 80 mg QD

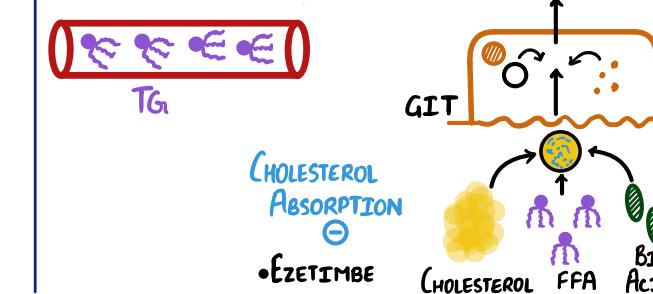
## SIDE EFFECTS OF LIPID LOWERING AGENTS

### PHARMACOLOGY OF LIPID LOWERING AGENTS

#### STATINS



#### FISH OIL (OMEGA-3)



#### TREATMENT OF RESISTANT LIPID DISORDERS



**NINJA NERD**