

Learning unit: Lipid lowering drugs (Hypolipidaemics) and anti-obesity drugs

Relevant terms

lipid lowering drugs

statins

- atorvastatin
- rosuvastatin
- lovastatin
- fluvastatin
- simvastatin
- elevation of liver transaminases
- drug-drug interactions

fibrates

- fenofibrate
- ciprofibrate

cholesterol absorption inhibitors

- ezetimibe

bile acid sequestrants (resins)

- colesevelam

omega 3 fatty acids (PUFA)

PCSK 9 inhibitors

- evolocumab

MTP inhibitors (microsomal triglyceride transferring protein inhibitors)

combinations of the lipid-lowering drugs

rhabdomyolysis

anti-obesity drugs

drugs decreasing lipid absorption (pancreatic lipase inhibitors)

- orlistat

centrally acting drugs (anorectics)

- phentermine
- bupropion/naltrexone

weight gain/loss as a side effect of drugs

Learning outcomes

Student knows the basic pharmacological profile (mechanism of action, side effects, indications and contraindications) of drugs used to treat hyperlipidaemias and anti-obesity drugs.

Study literature

Rang & Dale's Pharmacology, Humphrey Rang 9th edition, 2020, chapters 24 and 33

Study materials for courses aVLFA0822p and aVLFA0822c.

Exam questions

Special pharmacology: 49. Hypolipidaemics, anti-obesity drugs

Essential drugs: 9. atorvastatin, 32. ezetimibe