

Learning unit: Antiparkinsonics

Impact of the learning unit

Important terms

antiparkinsonics

- dopamine precursors
 - levodopa
- dopaminergic agonists
 - apomorphine
 - pramipexol
 - ropinirole
- MAO B inhibitors
 - selegiline
 - safinamide
- amantadine
- antimuscarinics
 - biperiden

antiparkinsonic drugs combination

- DOPA-decarboxylase inhibitors
 - carbidopa
 - benserazide
- COMT inhibitors
 - entacapone
 - tolcapone

Extrapyramidal syndrome as an adverse effect of drugs

Learning outcomes

Student mentions the drugs used in Parkinson's disease therapy.

Student knows the basic pharmacological profile of antiparkinsonics (mechanism of action, adverse effects, indications and contraindications).

Student can explain the reasons for combining antiparkinsonic drugs.

Student can name examples of drugs inducing extrapyramidal syndrome.

Information resources

Rang & Dale's Pharmacology, 10th ed., 2023

Study materials in IS aVLFA0822c and aVLFA0822p.

Exam Questions

Special pharmacology: Drugs of neurodegenerative diseases (Parkinson's disease; dementia)

"Essential" drugs: levodopa/carbidopa