

# Pharmacology 1 and Prescription Knowledge

## Autonomic Pharmacology

Refer lecturer for course updated notes.

Students are obliged to follow the courses for evaluation process and presented notes are preliminary drafts for the whole evaluation process.

- Introduction to autonomic nervous system
- Location/Structure(basic anatomical features)
- Functions of neurotransmitters

- 1.) synthesis of neurotransmitter
- 2.) storage of the neurotransmitter
- 3.) release of neurotransmitter
- 4.) activation of the receptor
- 5.) termination of action

# The Parasympathetic Nervous System

- Cholinergic system
  - Types of receptors
  - Agonists and antagonists
  - Clinical relevance
- Drugs effecting cholinergic neurotransmissions
- Drugs affecting acetylcholine receptors

# The Sympathetic Nervous System

- Adrenergic system
  - Types of receptors
  - Agonists and antagonists
  - Clinical relevance
- Drugs affecting synthesis, storage, release or removal of noradrenaline

- Clinical examples
- Prescription samples