

Study Programme : **GENERAL MEDICINE**

Course : **PHARMACOLOGY 2**

Abbreviation : FAR/VAA12

Schedule : 30 hours of lectures
45 hours of practicals

Course Distribution : Year 4, semester 7

Number of Credits : 6

Course Form : Lectures, practicals

Lectures :

Leading teacher Doc. MUDr. Karel Urbánek, Ph.D.

Study: Continuous, **Mondays 15:00-16:30**, Department of Pharmacology

	Theme
1	Antihypertensives
2	Drugs used in chronic heart failure
3	Drugs affecting coagulation and platelets
4	Hypolipidemics, anti-obesity drugs
5	Antiemetics and prokinetics
6	Drugs used in bronchial asthma and COPD
7	Principles of antibacterial chemotherapy
8	Beta lactam antibiotics
9	Antifungals and antituberculotics
10	Antiviral agents
11	Drugs used in treatment of diabetes
12	Drugs of benign prostatic hyperplasia and erectile dysfunctions
13	Anticancer drugs
14	Pharmacotherapy of life-threatening events

15	<i>topic reserved</i>
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Practicals:

Leading teacher: Doc. MUDr. Karel Urbánek, Ph.D.

Study: Continuous

	Theme	Hours
1	Diuretics, ACE inhibitors, centrally acting antihypertensives	4
2	Antianginal drugs, cardiac glycosides, antiarrhythmics	4
3	<i>Test I: cardiovascular drugs</i> Drugs of GIT I	4
4	Drugs of GIT II.– peptic ulcer, drugs of respiratory system	4
5	<i>Test II: GIT and respiratory drugs, hypolipidemics</i> Macrolides, linkosamides, tetracyclines, and aminoglycosides	4
6	Fluoroquinolones, glycopeptides, cotrimoxazole, polymyxins	4
7	<i>Test III: antiinfective agents</i> Glucocorticoids	4
8	Immunosuppressants, immunostimulants, cytokines	4
9	Drugs used in osteoporosis, gout and rheumatoid diseases	4
10	Choice of drugs, changes in kinetics and therapeutic risk in special populations	4
11	<i>Credit test – important agents</i>	4
12	<i>Credit test – important agents</i>	4

Completed by: Examination

Requirements for credit: Participation in 90 % of practicals, all MCQs with a 70%, oral examination on two drugs from a specified list.

Literature :

1. Rang H. P., Dale M. M., Ritter J.M.: Pharmacology, Churchill Livingstone, Edinburgh
2. Katzung B. G.: Basic and Clinical Pharmacology, Appleton and Lange, Prentice Hall Int., London
3. Levine R. R.: Pharmacology. Drug Actions and Reactions, The Parthenon Publishing Group, London