

University: Comenius University in Bratislava	
Faculty: Faculty of Pharmacy	
Course Code: KFT/12-Mgr-A/00	Course Name: Clinical pharmacology and pharmacotherapy (2)
Type, Extent and Method of Educational Activities: 3 hrs lectures/2 hrs seminars per week <i>method of educational activities: daily attendance</i>	
Number of Credits: 5	
Recommended Study Semester/Trimester: 8	
Study Level: 1. + 2. level (Mgr.)	
Prerequisite Courses: <i>obligatory prerequisites: - suggested prerequisites: KFT/09-Mgr-A/00 Pharmacology and Toxicology (2), KFT/11-Mgr-A/00 Clinical pharmacology and pharmacotherapy (1)</i>	
Conditions for Course Completion: <i>Preliminary assessment: 1 seminar work Final assessment: Oral examination</i>	
Results of Education: <i>Completing the course the student acquires basic information about treatment options and first aid for pain, insomnia, dizziness and vomiting, fever, cough, diarrhea, bleeding events, infections, gastrointestinal diseases and ear, nose, throat diseases. The student will become familiar with the ATC groups and therapeutic use of the most current symptoms of disease and potential manifestations of adverse effects in selected pharmacotherapeutic groups. This course will contribute to the participation of pharmacists for solving pharmacotherapeutic problems in clinical practice in cooperation with the physician.</i>	
Course Description: <i>Anatomical-therapeutical-chemical classification of drugs. ATC A – V group:</i> <ul style="list-style-type: none"> - Drugs decreasing motility of smooth muscles - The most frequent diseases of GIT – dyspepsia, oesophageal reflux, pyrosis, diarrhea, constipation – first aid and treatment - Dizziness, nausea and vomiting - first aid and treatment - Bleeding disorders – first aid and therapy - Antithrombotic drugs in therapy - Chest pain and back ache as suspicious of ischemic heart disease and myocardial infarction - Unconsciousness and shock states - Drugs used for topical application in dermatology - Allergic reactions and their skin manifestations - Glucocorticoids and their pharmacological importance - Hormonal contraception and hormonal replacement therapy - Strategy of antibiotic therapy - Pharmacotherapy of reumatoid diseases - Fever – its clinical importance and therapy - Headache and migraine – first aid and therapeutical approaches - Insomnia – first aid and therapeutical approaches - Asthma and chronic obstructive lung disease - Cough and drugs used for cough – first aid and therapy - Life style drugs, falsified medicines 	
Recommended Literature: <i>e-books and printed books:</i> <ul style="list-style-type: none"> - Walker R, Whittlesea C: <i>Clinical Pharmacy and Therapeutics. Fifth edition. Churchill Livingstone. Elsevier. 2012. 983 p.</i> - Brown M.J., Sharma P., Mir F.A., Bennet P.N.: <i>Clinical Pharmacology. 12th Edition. Elsevier. 2018 (available as e-book from Central Library)</i> - Francis S-A, Smith F.J., Malkinson J., Constanti A., Taylor K. <i>Integrated Pharmacy Case Studies. Pharmaceutical Press. 2015 (available as e-book from Central Library)</i> - Gray A.H., Wright J., Bruce L., Oakley J. <i>Clinical Pharmacy. Second Edition. Pharmaceutical Press. 2016 (available in Central Library for present studying)</i> - Nathan A: <i>Managing symptoms in the pharmacy. Second Edition. Pharmaceutical Press. 2012 (available as e-book from Central Library)</i> <i>(e-book section from Central Library: https://www.fpharm.uniba.sk/en/divisions/central-library/e-books/)</i>	

Online databases: - LEXICOMP Online. Wolters Kluwer Clinical Drug Information, Inc. <online:
<http://online.lexi.com/lco/action/home>>

Language Requirements: *english*

Notes:

Course Evaluation: A – 23.24 %, B – 18.06 %, C – 24.60 %, D – 17.29 %, E – 11.09 %, Fx – 5.69 %

Teachers: prof. PharmDr. Ján Klimas, PhD., MPH, guarantee

prof. RNDr. Magdaléna Kuželová, CSc.

Mgr. Gabriel Dóka, PhD., PharmDr. Zuzana Kiliánová, PhD., PharmDr. Elena Ondriašová, CSc.,
PharmDr. Tatiana Foltánová, PhD., PharmDr. Stanislava Kosírová, PhD., PharmDr. Eva Kráľová, PhD.,
Mgr. Peter Vavrínek, PhD., Mgr. Diana Vavrinová, PhD.

Date of Last Update: 14. 9. 2021

Approved by: prof. RNDr. Magdaléna Kuželová, CSc.