

Information sheet for the course Pharmacology

University: <i>Alexander Dubček University of Trenčín</i>	
Faculty: <i>Faculty of Health Care</i>	
Course unit code: <i>Far/d</i>	Course unit title: <i>Pharmacology</i>
Type of course unit: <i>compulsory</i>	
Planned types, learning activities and teaching methods: <i>Lecture: 1 hour weekly/13 hours per semester of study; full-time</i>	
Number of credits: 2	
Recommended semester: <i>3rd semester in the 2nd year (full-time)</i>	
Degree of study: <i>I (bachelor)</i>	
Course prerequisites: <i>none</i>	
Assessment methods: <i>During semester student can get 50 points</i> <ul style="list-style-type: none"> - <i>Test (20 points)</i> - <i>Oral examination (30 points)</i> <i>For assesment A is necessary get at least 48 points, for B at least 44 points, for C at least 41 points, for D at least 38 points and for E minimum 35 points.</i>	
Learning outcomes of the course unit: <i>After completing the course the student is able to:</i> <ul style="list-style-type: none"> - <i>Define the basic concepts of pharmacology</i> - <i>Explain the pharmacokinetic and pharmacodynamic principles</i> - <i>explain the development of a new drug</i> - <i>Explain the adverse drug reactions</i> - <i>Compare the mechanisms of action of selected drugs</i> - <i>discuss rational pharmacological treatment.</i> 	
Course contents: <ol style="list-style-type: none"> 1. <i>Introduction to pharmacology – definition.</i> 2. <i>Basic principles of pharmacokinetic.</i> 3. <i>Basic principles of pharmacodynamic.</i> 4. <i>Adverse events of drugs.</i> 5. <i>Drugs affecting autonomic nervous system.</i> 6. <i>Drugs affecting smooth muscles.</i> 7. <i>Drugs affecting heart.</i> 8. <i>Treatment of anaemia.</i> 9. <i>Antitrombotics.</i> 10. <i>Treatment of digestive system.</i> 11. <i>Pain treatment.</i> 12. <i>Anti-infective therapy.</i> 13. <i>Hormons, Cytostatics.</i> 	
Recommended of required reading: <ol style="list-style-type: none"> 1. <i>LULLMANN, H., MOHR, K., WEHLING, M. 2002. Farmakologie a toxikologie. Praha : Grada Publishing, 2002. 696s. ISBN 8071699764</i> 2. <i>LULLMANN, H., MOHR, K., ZIEGLER, A. 1994. Atlas farmakologie. Praha : Grada Publishing, 1994. 375 s. ISBN 80-7169-088-0.</i> 3. <i>HYNIE, S. 1999. Základy farmakologie. Triton, 1999. 368 s. ISBN 80-7254-048-3.</i> 4. <i>MASÁR, O., POKORNÝ, J. 2006. Základy farmakológie. Trenčín 2006. 88 s.</i> 	
Language: <i>Slovak</i>	
Remarks:	

Evaluation history: <i>Number of evaluated students : 571</i>					
A	B	C	D	E	FX
13,31%	23,64%	21,89%	20,32%	19,09%	1,7%
Lectures: <i>prof. MUDr. Adriana Ondrušová, PhD.</i>					
Last modification: <i>22.04.2014</i>					
Supervisor: <i>doc. MUDr. Juraj Čelko, PhD.</i>					