

Name of university, Name of faculty: Trnava University
Faculty of Health Care and Social Work

INFORMATION SHEET OF THE SUBJECT

Code: OsBc05		Name: Pharmacology	
Cover: Department of Nursing			
Type of educational activity: Lecture		Number of credits: 2	Recommended semester: WT
Scope of educational activity (in hours): Weekly: 2 For term of study: ZS 46			Study grade: 1. PO
Method of educational activity:			
Recommended semester	Study programme		
2.year WT	Nursing (D1-OŠET-22) Nursing (D1-OŠET-22-K) Nursing (E1-OŠE-25)		
Underlie subjects:			
Conditions for passing the course: Method of evaluation: Completion by taking an examination Continuous evaluation: no Final evaluation: Test Rating: A: 100-95%, B: 94-89%, C: 88-83%, D: 82-77%, E: 76-71%, Fx: 70% and less. Finished: written exam			
Learning outcomes: Learning outcomes: Teaching the subject of pharmacology is divided into two parts: general pharmacology and special pharmacology. In the first part, during the semester, students will become familiar with the professional terminology and classification of pharmaceuticals and drugs, pharmaceutical forms and methods of drug administration. they will also become familiar with the scientific discipline of pharmacology and its division into subdisciplines, including clinical studies and the monitoring of adverse effects and side effects of drugs. In the second part, students will become familiar with four selected groups of drugs: anti-infective drugs - anti-infectives (antibiotics), chemotherapeutics for oncological (tumor) diseases, psychopharmaceuticals and drugs with an effect on the cardiovascular system. LO1 Defines drugs and pharmaceuticals, controls basic terminology and classification. LO2 Describes pharmacology as a scientific field and its subdisciplines, the position of the nurse in pharmacotherapy. LO3 Knows application forms of medicines (medicinal forms), ways of administering the medicine. LO4 Understands the development of new drugs, clinical trials and phases of clinical trials. LO5 Knows unwanted and side effects of drugs, drug risk, pharmacovigilance. LO6 Understands original medicines, generic substitutions, biosimilar medicines. LO7 Specifies the specifics of pharmacotherapy in pregnancy, childhood and old age (Beers list of drugs). LO8 Knows anti-infectives (antibiotics), rational antibiotic therapy, the problem of resistance. LO9 Defines psychotropic drugs. LO10 Understands the basics of pharmacotherapy of cardiovascular diseases. LO11 Understands the basics of pharmacotherapy in oncology (cytostatics, biological drugs, immunotherapy).			
Schedule of subject: 1) Drugs and medicines. Basic terminology and classification. 2) Pharmacology as a scientific field and its subdisciplines. 3) The position of the nurse in pharmacotherapy. 4) Application forms of medicines (medicinal forms), ways of administering the medicine. 5) Development of new drugs. Clinical trials and phases of clinical trials. 6) Undesirable and side effects of drugs. Drug risk. Pharmacovigilance. 7) Original medicines. Generic substitution. Biosimilar medicines. 8) Specifics of pharmacotherapy during pregnancy, childhood and old age (Beers list of drugs). 9) Anti-infectives (antibiotics). Rational antibiotic therapy, the problem of resistance. 10) Psychopharmaceuticals. 11) Basics of pharmacotherapy of cardiovascular diseases. 12) Basics of pharmacotherapy in oncology (cytostatics, biological drugs, immunotherapy).			
Recommended reading: • BEŇO, P., ŠRAMKA, M. Farmakológia pre ošetrovateľstvo a LVM v zdravotníctve. Vyd. Ústav sociálnej práce M. Luthera, Báčsky Petrovec, Vojvodina, Srbská republika. 2017. 160 s. ISBN 978-86-80092-28-7. • BEŇO, P., ŠRAMKA, M., SABOVÁ, A., TOMIĆ, Z., SALÁT, D. Všeobecná farmakológia pre zdravotnícke odbory. Trnavská univerzita v Trnave, Fakulta zdravotníctva asociálnej práce. 2015. 205 s. Vysokoškolská učebnica. ISBN 978-80-8082-944-5. • BEŇO, P., ŠRAMKA, M., VIŠŇOVSKÝ P. Základy farmakológie pre nelekárske zdravotnícke odbory. Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety, n.o. a Fakulta zdravotníctva a sociálnej práce, Trnavská univerzita, Trnava 2012. 140 s. ISBN 978-80-89464-09-8. (skriptum).			
Language requirements: Slovak			
Notes: The full-time combined method consists of lectures (online, distance, self-study). Self-study is supported by an e-learning form.			

Course evaluation: Assessed students in total: 195					
A	B	C	D	E	FX
10%	31%	19%	16%	14%	9%
Lecturers: MUDr. Ján Rajec, PhD., MBA, lecturer, examiner					
Date of last change: 01.09.2026					
Approved by: doc. PhDr. Andrea Botíková, PhD., MPH, univ. prof.					