

Study program: Integrated academic studies in dentistry			
Type and level of the study program: integrated academic studies			
Course title: Special pharmacology (DIII-SPHAR)			
Teacher: Vukmirović N. Saša, Đanić P. Maja, Mijatović Jovin M. Vesna, Milijašević Ž. Boris, Rašković L. Aleksandar, Samojlik N. Isidora, Stilinović P. Nebojša, Tomić S. Zdenko, Horvat J. Olga			
Course status: compulsory			
ECTS Credits: 3			
Condition: Microbiology and immunology (exam); General pharmacology (exam)			
Course aim Acquaint students with drug classes, representatives, indications and contraindications.			
Expected outcome of the course: At the end of the teaching process, students should know why, how and when to apply the drug, to know the characteristics of drugs, its circulation through the body, sites and mechanism of action and potential hazards of its application. Student should be able to independently write the prescription.			
Course description <i>Theoretical education:</i> Antimicrobial agents. Antimycotics, Antivirals, Antiparasitic drugs. Antiseptics and disinfectants. Treatment of diabetes. Drugs in the treatment of disorders and diseases of the endocrine system. D-vitamin, calcium, fluoride. Treatment of osteoporosis. General and local anesthesia. Strong analgesics. Nonsteroidal anti-inflammatory drugs. Drugs in the therapy of CNS-disorders (antiepileptic drugs, psychopharmaka) of importance in dentistry. Drugs in the therapy of degenerative CNS-disorders (antiparkinson drugs) of importance in dentistry. Sedation in Dentistry. <i>Practical education: exercises, other forms of education, research related activities:</i> Antiseptics and disinfectants – practical application, concentration calculation, precautions during handling and application. Fluoride preparations – dosage and calculation. Elaborating the topics addressed during theoretical lectures and writing prescription. Filling up the drug adverse reaction reporting forms			
Literature <i>Compulsory</i> 1. Rang HP, Dale MM, Ritter JM, Moore PK. Pharmacology. Churchill Livingstone, Edinburgh, New York, 2003. 2. Brenner GM, Stevens C. Pharmacology, 4 th edition. Elsevier, 2012 <i>Additional</i> -			
Number of active classes			Other:
Lectures: 30	Practice: 30	Other types of teaching: Research related activities:	
Teaching methods Theoretical and practical			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	5	Written*	40
Practices	5	Oral	50
Colloquium*	2x20	

*If the student does not pass both colloquiums, he/she should take the exam in written form