

Type and level of the study program: Integrated academic studies in medicine			
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Course title: Experimental surgery (M5-ESURG)			
Teacher: Aleksandar J. Redžek, Biljana G. Drašković, Goran S. Marušić, Dejan D. Ivanov, Dragan D. Savić, Dušan M. Marić, Katarina A. Šarčev, Ljiljana V. Gvozdenović, Petar B. Vuleković, Radoica R. Jokić, Stamenko S. Šušak, Tomislav D. Petrović, Aleksandar M. Komarčević, Ana S. Uram Benka, Arsen A. Uvelin, Vladimir M. Papić, Vladimir V. Harhaji, Gordana V. Jovanović, Dragan S. Nikolić, Jovo R. Bogdanović, Lazar U. Velicki, Milorad R. Bijelović, Mladen A. Jovanović, Nataša J. Janjić, Saša C. Vojinov, Srđan C. Ninković, Ferenc F. Vicko			
Course status: elective			
ECTS Credits: 3			
Condition:			
Course aim The aim of this course is to provide students with theoretical and practical basis of experimental surgery.			
Expected outcome of the course: Acquiring theoretical knowledge in experimental surgery, essential for active participation in surgical procedures. Acquiring skills and procedures required for daily practice in all surgical disciplines.			
Course description <i>Theoretical education</i> 1. Introduction to experimental surgery - operation room, instruments. 2. Introduction to experimental surgery - preparation, scrubbing, operation field 3. Suture materials, instruments and other surgical accessories 4. Wounds - types, treatment. Surgical knots , tying surgical knots 5. Methods of experimental work 6. Experimental abdominal surgery 7. Experimental anesthesiology 8. Experimental neurosurgery 9. Experimental orthopedics 10. Experimental urology 11. Experimental vascular surgery 12. Experimental maxillofacial and plastic surgery 13. Experimental thoracic and cardiac surgery <i>Practical education: exercises, other forms of education, research related activities</i> 1. Introduction to experimental surgery - operation room, instruments. Assist. Dr. 2. Introduction to experimental surgery - preparation, scrubbing, operation field 3. Suture materials, instruments and other surgical accessories 4. Wounds - types, treatment. Surgical knots , tying surgical knots 5. Methods of experimental work 6. Experimental abdominal surgery 7. Experimental anesthesiology 8. Experimental neurosurgery 9. Experimental orthopedics 10. Experimental urology 11. Experimental vascular surgery 12. Experimental maxillofacial and plastic surgery 13. Experimental thoracic and cardiac			
Literature <i>Compulsory</i> Outlines of lectures <i>Additional -</i>			
Number of active classes			Other:
Lectures: 15	Practice: 30	Other types of teaching: Research related activities:	
Teaching methods			
Student activity assessment (maximally 100 points)			
Pre-exam activities	points	Final exam	points
Lectures	20	Written	30
Practices	30	Oral	
Colloquium	10	
Essay	10		100