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| <b>Type and level of the study program:</b> Integrated academic studies in medicine   |                 |  |               |
| <b>Type and level of the study program:</b> integrated academic studies   |                 |  |               |
| <b>Course title: Experimental surgery (M5-ESURG)</b>  |                 |  |               |
| <b>Teacher:</b> Antić B. Jelena, Bijelović R. Milorad, Bogdanović R. Jovo, Bukarica S. Svetlana, Varga J. Jan, Velicki U. Lazar, Veljković Ž. Radovan, Vicko F. Ferenc, Vojinov S. Saša, Vuleković B. Petar, Gajdobranski P. Đorđe, Gojković D. Zoran, Grebeldinger P. Slobodan, Đilvesi G. Đula, Đurić B. Dejan, Živojinov D. Srđan, Ivanov Đ. Dejan, Ilić D. Miroslav, Janjić J. Nataša, Jeremić P. Dimitrije, Jovanović A. Mladen, Jokić R. Radoica, Komarčević M. Aleksandar, Kuhajda M. Ivan, Levakov V. Ivan, Marinković D. Marija, Milankov Ž. Miroslav, Milankov M. Vukadin, Milošević P. Zoran, Nikolić R. Jelena, Nikolić S. Dragan, Ninković S. Srđan, Pasternak J. Janko, Protić B. Mlađan, Rašović V. Predrag, Redžek J. Aleksandar, Rosić I. Milenko, Savić D. Dragan, Sekulić D. Vuk, Stanković S. Milan, Šarčev A. Katarina, Šušak S. Stamenko  |                 |  |               |
| <b>Course status:</b> elective  |                 |  |               |
| <b>ECTS Credits:</b> 3  |                 |  |               |
| <b>Condition:</b>   |                 |  |               |
| <b>Course aim</b><br>The aim of this course is to provide students with theoretical and practical basis of experimental surgery.  |                 |  |               |
| <b>Expected outcome of the course:</b><br>Acquiring theoretical knowledge in experimental surgery, essential for active participation in surgical procedures.<br>Acquiring skills and procedures required for daily practice in all surgical disciplines.   |                 |  |               |
| <b>Course description</b><br><i>Theoretical education</i><br>1. Introduction to experimental surgery - operation room, instruments.<br>2. Introduction to experimental surgery - preparation, scrubbing, operation field<br>3. Suture materials, instruments and other surgical accessories<br>4. Wounds - types, treatment. Surgical knots , tying surgical knots<br>5. Methods of experimental work<br>6. Experimental abdominal surgery<br>7. Experimental anesthesiology<br>8. Experimental neurosurgery<br>9. Experimental orthopedics<br>10. Experimental urology<br>11. Experimental vascular surgery<br>12. Experimental maxillofacial and plastic surgery<br>13. Experimental thoracic and cardiac surgery<br><br><i>Practical education: exercises, other forms of education, research related activities</i><br>1. Introduction to experimental surgery - operation room, instruments. Assist. Dr.<br>2. Introduction to experimental surgery - preparation, scrubbing, operation field<br>3. Suture materials, instruments and other surgical accessories<br>4. Wounds - types, treatment. Surgical knots , tying surgical knots<br>5. Methods of experimental work<br>6. Experimental abdominal surgery<br>7. Experimental anesthesiology<br>8. Experimental neurosurgery<br>9. Experimental orthopedics<br>10. Experimental urology<br>11. Experimental vascular surgery<br>12. Experimental maxillofacial and plastic surgery<br>13. Experimental thoracic and cardiac |                 |  |               |
| <b>Literature</b><br><i>Compulsory</i><br>Outlines of lectures<br><i>Additional -</i>   |                 |  |               |
| <b>Number of active classes</b>   |                 |  | Other:        |
| Lectures:<br>15   | Practice:<br>30 | Other types of teaching:<br>Research related activities: |               |
| <b>Teaching methods</b>   |                 |  |               |
| <b>Student activity assessment (maximally 100 points)</b>   |                 |  |               |
| <b>Pre-exam activities</b>  | <b>points</b>   | <b>Final exam</b>  | <b>points</b> |
| Lectures  | 20              | Written  | 30            |
| Practices   | 30              | Oral   |               |
| Colloquium  | 10              | .....  |               |

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| Essay | 10 |  | 100 |
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