

Study program: Integrated Academic Studies in Dental Medicine
Course title: Surgery
Teacher: Aleksandar M. Komarčević, Đorđe P. Gajdobranski, Slobodan P. Grebeldinger, Radoica R. Jokić, Miroslav Ž. Milankov, Zoran P. Milošević, Dragan D. Savić, Jan J. Varga, Petar B. Vuleković, Miroslav D. Ilić, Dejan Đ. Ivanov, Janko J. Pasternak, Aleksandar J. Redžek, Katarina A. Šarčev, Milan S. Stanković, Stamenko S. Šušak, Radovan Ž. Veljković, Jovo R. Bogdanović, Svetlana S. Bukarica, Dejan B. Đurić, Zoran D. Gojković, Mladen A. Jovanović, Ivan V. Levakov, Srđan S. Ninković, Mlađan B. Protić, Lazar U. Velicki, Ferenc F. Vicko, Saša S. Vojinov, Dimitrije P. Jeremić, Ivan M. Kuhajda, Nataša J. Janjić, Milenko I. Rosić, Dragan S. Nikolić, Predrag V. Rašović, Jelena R. Nikolić
Course status: compulsory
ECTS Credits: 5
Condition: General and Oral Pathology; Microbiology with Parasitology and Immunology Internal Medicine (exam)
Course aim Mastering the basic theoretical knowledge and skills in managing patients in all surgical branches.
Expected outcome of the course: Adoption of necessary knowledge in all surgical disciplines necessary for learning basic skills in the care of surgical patients. Mastering the basic knowledge and practical skills necessary for the adoption of the care of surgical patients.
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Asepsis in surgery, surgical diagnosis and semiology 2. Closed and open injuries 3. Infections in surgery, thermal and electrical injury 4. Surgical terminology and types of surgical procedures; 5. Basics of abdominal surgery, abdominal trauma 6. Basics of urology; basis of vascular surgery 7. Basics of neurosurgery, neurotrauma 8. Basics of orthopedic surgery, bone-joints injuries 9. Basics of plastic and reconstructive surgery; replantation surgery 10. Surgical principles in oncology 11. Basics of thoracic surgery and neck surgery 12. Basic characteristics of surgery of developmental period 13. Organization of the management of injured patients 14. War surgical doctrine, war wounds and specific war injuries <i>Practical education</i> <ol style="list-style-type: none"> 1. Principles, methods and means of sterilization, physical examination of surgical patients 2. Access and initial management of injuries, surgical treatment of wounds 3. Management of local surgical infection; initial management of patient with burns 4. Operation room at work; implants in surgery 5. Diagnostic and surgical treatment of patients with abdominal diseases and injuries 6. Aspects of surgical treatment of patients with diseases and injuries of the urogenital tract; aspects of surgical treatment of patients with acute diseases and injuries of blood vessels 7. Aspects of surgical treatment of injuries from the trauma of the central and peripheral nervous system 8. Measurement in orthopedics; the aspects of prehospital, the initial hospital and surgical treatment of patients with osteoarticular injury 9. Aspects of surgical treatment of injured or diseased patients in the field of plastic-reconstructive surgery and replantation surgery 10. Methods for early detection of cancer 11. Aspects of surgical treatment of patients with injuries and diseases of chest and neck 12. Aspects of surgical treatment of patients and injuries in developmental period 13. Management of the injured; categorization and priorities in the care of injured 14. Organization of management of wounded patients in conditions of war, specific surgical treatment of war wounds

Literature*Compulsory*

1. Townsend C, Beauchamp RD, Evers BM. Sabiston Textbook of Surgery, 19th edition. Elsevier Saunders, 2012.
2. Brunnicardi FC. Schwartz's Principles of Surgery, 10th edition. McGraw Hill Education, 2015.

Additional

Outlines of lectures

Number of active classes**Theoretical classes: 45****Practical classes: 45****Teaching methods****Student activity assessment** (maximally 100 points)**Pre-exam activities****points****Final exam****points**

Lectures

10

Written

10

Practices

30

Oral

50

Colloquium

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Essay