

Study program: Integrated Academic Studies in Medicine
Course title: Surgery
Teacher: Đorđe P. Gajdobranski, Slobodan P. Grebeldinger, Radoica R. Jokić, Zoran P. Milošević, Dragan D. Savić, Jan J. Varga, Petar B. Vuleković, Miroslav D. Ilić, Dejan Đ. Ivanov, Janko J. Pasternak, Aleksandar J. Redžek, Milan S. Stanković, Stamenko S. Šušak, Radovan Ž. Veljković, Jovo R. Bogdanović, Svetlana S. Bukarica, Zoran D. Gojković, Mladen A. Jovanović, Ivan V. Levakov, Srđan S. Ninković, Mlađan B. Protić, Lazar U. Velicki, Ferenc F. Vicko, Saša S. Vojinov
Course status: compulsory
ECTS Credits: 14
Condition: Internal Medicine (attend); Pharmacology and Toxicology 2 (exam); Radiology; Anaesthesiology and Perioperative Medicine (exam)
Course aim The aim of this course is to provide students with knowledge how to estimate health status of population and to recognize and implement measures of prevention and control of surgical diseases.
Expected outcome of the course: Students acquire knowledge about surgery techniques which they need to implement in routine work with patients. They need to become familiar with legislation in the context of surveillance. Students need to acquire skills to manage surgery patients, including reporting and CPR.
Course description <i>Theoretical education</i> <ol style="list-style-type: none"> 1. Diagnostic surgical procedures; war surgery 2. Organization and management of the injured in peace time and wars 3. Asepsis in war surgery 4. Wounds, war wounds, surgery infections 5. Surgery terminology and classification of surgical interventions 6. Postoperative complications, alentheses in surgery 7. Surgical principles in oncology 8. Neck and breast surgery 9. Abdominal surgery 10. Specific characteristics of paediatric surgery; emergencies in neonatal surgery 11. Thoracic surgery: pleura, lungs, mediastinum, thoracic injuries 12. Cardiosurgery and vascular surgery 13. Surgical management of burns, basic principles of esthetic surgery, skin and soft tissue tumors, general principles and methods 14. in skin defect reconstruction, hand injuries and diseases 15. Neurosurgery 16. Urology 17. Orthopedic surgery <i>Practical education</i> <ol style="list-style-type: none"> 1. Principles, methods, sterilization and disinfection in surgery, asepsis in surgery and in war surgery 2. Physical examination of surgical patients, diagnostic surgical procedures 3. Types of immobilization 4. Initial hospitalization and management of the injured 5. Surgical wound care 6. Surgical infection treatment 7. Initial treatment of patients with burns 8. Small surgical interventiona 9. Operating rooms 10. Postoperative care 11. Characteristics of thoracic surgery, cardiosurgery, oncologic surgery, paediatric surgery, plastic and reconstructive surgery, vascular surgery, neurosurgery, urology, abdominal surgery, orthopedic surgery, locomotor apparatus injury management

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: 90****Practical classes: 135****Other classes: 30****Teaching methods****Student activity assessment** (maximally 100 points)**Pre-exam activities****points****Final exam****points**

Lectures

15

Practical

10

Practices

15

Oral

60

Colloquium

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Essay