**REQUIREMENTS**

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| **Semmelweis University Faculty of Dentistry**  **Department of Surgery**  **Surgical Education Group** |
| **Name of the course: Surgery**  **Credit value: 2.0**  **Lessons *(in hours)*:** **lectures: 14x2 practicals: 14x2**  **Type of the course:**  ***obligatory elective***  **Frequency of announcement *per year*** |
| **Academic year: 2020/ 2021** |
| **Subject code[[1]](#endnote-1): FOKVSB3256\_1A** |
| **Lecturer of the course: *Prof. József Sándor, MD, PhD, FACS***  ***Contact: Surgical Department, Szent István Hospital, + 36 1 215 3 215*** |
| **The goals of the course in point of view of the education:**  ***Introduction of fundamentals of surgery. Diagnosis and treatmnent of most common abdominal and thoracic diseases requiring surgical intervention. Recognition and surgical care of acute, life –threatening abdominal and thoracic disorders. Fundamentals of resuscitation, anesthesia and traumatology. Analysing and organising treatment of disaster situations.*** |
| **Location of the course *(address of lecture hall, seminar room etc.)*:**  ***Lectures*: Lecture room signed by Semmelweis University**  ***Practices*: Surgical Department, Szent István Hospital, 1097 Budapest, Nagyvárad tér 1.** |
| **Competences acquired by completion of the course:**  **Surgical level of wound care. Recognition of most common surgical diseases and acute life-threatening situation. First aid of trauma patients** |
| **Pre-study requirements and prerequisites of course registration and completion:**  **Pathology** |
| **Number of students required for announcement of course *(min., max.)*:**  **According to the organization of Dean’s Office of Faculty of Dentistry, Semmelweis University** |
| **Method of course registration:**  **Via Neptun-system** |
| **Detailed course/lecture description[[2]](#endnote-2):**  ***Practice:***  **Wound care, surgical care of ambulatory patients. To get acquinted with diagnostic methods applied in surgery (endoscopy, ultrasound). Pre- and postoperative care of surgical patients.**  **To get acquinted with the most common operations.**  ***Tutors*: Prof. Jozsef Sandor MD, PhD, FACS, Geza Telek MD, PhD, Chief surgeon, Laszlo Bor MD, PhD,Chief surgeon, Artúr Seli MD, Chief surgeon**  ***Lectures:***  *(to facilitate credit recognition in other institutions)*   1. **Surgery: science, practice, service. History of surgery** 2. **Acute obstruction of airways. Surgery of thyreoid and prathyreoid glands. Anesthesia. Reanimation** 3. **Different forms and treatment of wounds. Wound healing and its complications. Surgical Site Infections (SSI) – prevention and treatment.SIRS, sepsis.** 4. **Recognition and control of different types of bleeding. Gastrointestinal bleeding. Hernia, diseases of breast.** 5. **Surgery of esophagus, stomach and small intestine** 6. **Appendicitis. Surgery of colon.** 7. **Sterilisation, desinfection. Intestinal obstruction. Acut abdomen** 8. **Surgery of biliary tract** 9. **Surgery of pancreas. Thermal injuries. Panaritium.** 10. **Fundamentals vascular-, cardiac - and thoracic - surgery** 11. **Fundamentals of traumatology and catastrophe-medicine** 12. **Surgical diseaseses of spleen and liver. Transplantation surgery.** 13. **Oncological surgery** 14. **Minimally invasive surgery. Surgery in the Future.**   ***Lecturers:***  **Prof. József Sándor MD, PhD, FACS, Géza Telek, MD, PhD, László Bor MD, PhD** |
| **Courses *(obligatory and elective)* which in part or entirely overlap the topics of above course:**  ***Internal medicine I, Pharmacology I*.** |
| **Special academic work required for completion of the course[[3]](#endnote-3):** |
| **Attendance on practices and lectures, replacement in case of missed sessions: *Attendance at practices is compulsary, at lectures recommended*** |
| **Consequences of absence from sessions and exams:**  ***In case of absence of two practices the semester is invalid.*** |
| **Method of checking acquired knowledge during the study period[[4]](#endnote-4):**  ***No midterm exams*** |
| **Requirements of an accepted semester *(signature of the lecturer)*:**  ***Participation in practices*** |
| **Type of the exam:**  ***semifinal*** |
| **Requirements of the exam[[5]](#endnote-5): Knowledge learnt by lectures and at practices** |
| **Grading of courses[[6]](#endnote-6):**  ***According the level of presented knowledge*** |
| **Exam registration:**  ***By Neptun system*** |
| **Rules of repeating exams:**  ***Acccording to the rules of Semmelweis University*** |
| **List of textbooks, lecture notes and recommended textbooks:**  ***Mary E. Klingensmith et al.:***  ***The Washington Manual of Surgery, 7th Ediditon 2016***  ***Volters Kluger Edition*** |
| **Signature of course lecturer: Dr. Sándor József** |
| **Signature of head of department:** |
| **Date of submission: 28th February, 2020** |
| **Opinion of OKB:** |
| **Notes from the Dean’s Office:** |
| **Signature of Dean:** |

1. Filled out by the Dean’s Office following approval [↑](#endnote-ref-1)
2. Detailed and numbered for each week of theoretical and practical lessons one by one, indicating the names of lecturers and instructors [↑](#endnote-ref-2)
3. Eg. field practice, medical chart analysis, survey conducting, etc. [↑](#endnote-ref-3)
4. Eg. homework, report, midterm exam etc. Topics, dates, method of retake and replacement. [↑](#endnote-ref-4)
5. List of topics in case of theoretical exam, thematic and method in case of practical exam. [↑](#endnote-ref-5)
6. Method of inclusion of theoretical and practical exams. Method of inclusion of midterm assessments. [↑](#endnote-ref-6)