

**SURGERY I.**
ENGLISH PROGRAM
AUTUMN SEMESTER 2017-2018

The Department of Transplantation and Surgery gives both the lectures and practices to our students, registered in the groups 14, 15,16 and 20, from this academic year.

First day of autumn term: September 11/2017
Last day of autumn term: December 15/2017
Form of the exam: Oral exam

LECTURES

Venue of the Lectures: Lecture Hall
Time: Wednesday 13:15 – 14:55 PM

13. Sep.	Introduction to surgery (history, development of surgery, subspecialities, basics of surgery,)	dr. Telkes
20. Sep.	Asepsis, antisepsis. Sterilization and disinfection procedures. Surgical scrub/wash-up	dr. Bihari
27. Sep.	Wound and wound healing	dr. Telkes
04. Oct.	The operation. Preparation for the operation: surgical considerations Postoperative care.	dr. Toronyi
11.Oct	Surgical infections, anaerob infections (Gas gangrene, tetanus) Importance of immunodeficiency in surgery	dr. Fehérvári
18. Oct	Bleeding and haemostasis	dr. Telkes
25. Oct.	Intra and postoperative complications.	dr. Bihari
08. Nov.	Minimal invasive surgery	dr. Piros
15. Nov.	Basics of organ transplantation.	dr. Máthé
22. Nov.	Surgical oncology	dr. Toronyi
29. Nov.	Surgical anaesthesia	dr. Illés
06. Dec	Surgical imaging, image-guided interventions, image guided surgery	dr. Doros
13. Dec.	Consultation	dr. Telkes

Attendance at at least 75% of practical sessions and lectures is required.

(The Study and Examination Policy Faculty of Medicine, Dentistry and Pharmacy, Section 17. 7)

PRACTICES

Every second week, starting on 2017.09.13. and 09.14.

Wednesdays 8h30-10h00

Tutors: Group 14. Dr. Gábor Telkes Ph.D.
 Group 15. Dr. József Szabó

Thursdays 8h30-10h00

Tutors: Group 16. Dr. László Bihari
 Group 20. Dr. Éva Toronyi med. habil.

Important note:

Those students who have not completed the Preclinical Module subjects and therefore failed to pass any of the prerequisites needed for the 4th year courses, are not allowed to step forward to the Clinical Module.

No permission is granted to take a 4th year course without the completed prerequisite.

No requests can be accepted regarding postponements.

Syllabus for the surgery practice

Presentation of the institute: Surgical department, divisions/wards of the institute. Laboratory, radiology, intensive care unit, transplant unit, outpatient clinic.

Admission to the institute, housing the patients. Location of the operating theatre, instruments ,equipment, sanitation of the theatre. Labour safety.

Scrubbing in: Sepsis, antisepsis. Disinfection, sterilization. Principles of the surgical hand wash. Clothing in the theatre. Moving and positions in the OP.

The surgical instruments. What and when?

The treatment of the wounds. Type of wounds, wound healing. Dressing of the wounds.

Surgical suture technique. Art of suture. Needles, clips, stitches, materials etc. Staplers.

Transfusion. The blood groups, indications, contraindications, reactions, complications, side effects

Ward practices. Examination of the surgical patient. Evaluation of the diagnostic results. Assessment for operation. Appropriate indications for surgical interventions.

Recommended books:

Sabiston Essentials of Surgery. Saunders.

Davis-Foster-Gamelli: Essentials of Clinical Surgery. Mosby Year Book

Davis-Christopher (ed.: Sabiston): Textbook of Surgery. The biological basis of modern surgical practice. Saunders Company.

Gaál: Sebészet. Bp. Medicina 2012

Littmann: Sebészeti műtéttan. Bp. Medicina

Szécsény-Berentey: Sebészet. Bp. Medicina

Tutors

Prof. Zoltán **Máthé**: med. habil, Ph.d., consultant general and transplant surgeon, director of the Department of Transplantation and Surgery,

Dr. László **Bihari**: consultant general and transplant surgeon

Dr. Attila **Doros**: Ph.D., radiologist, head of the Radiology

Dr. Sándor **Illés**: consultant anaesthesiologist,

Dr. Imre **Fehérvári**: Ph.D., consultant general and transplant surgeon

Dr. László **Piros**: Ph.D., consultant general and transplant surgeon, head of the Hepato-biliary Surgical Ward

Dr. József **Szabó**: consultant general and transplant surgeon

Dr. Gábor **Telkes**: Ph.D. consultant general and transplant surgeon, head of the General Surgical Ward, in charge of the English course

Dr. Éva **Toronyi**: med. habil, Ph.D., consultant general and transplant surgeon.

2017.08.27.

dr. G. Telkes