

SCIENTIFIC CIRCLE

Elective subject for third to fifth-year students of the Faculty of Medicine who performs demonstrator activity in the Institute of Surgical Research.

Teacher in charge of the course: Prof. habil. Mihály Boros, M.D., Ph.D., D.Sc., Head of Department.

Educational advisor: Dr. Szabolcs Péter Tallósy (tallosy.szabolcs@med.u-szeged.hu)

Course code: AOK-KATDK101-SMI-SKILL

Credits: 2

Prerequisite of registration: Previous fulfillment of Basic Surgical Skills (or Surgical Techniques), with a minimum grade of 4.

The aim of the subject: To deepening the knowledge of medical students interested in the manual surgical professions and to involve them into education.

Method: Workshop for demonstrators + demonstrator activity on practices.

Topics of the course:

1. On the demonstrator workshops students refresh their knowledge about the issues of the following practices, focusing the topics in an educational manner. Opportunity of using surgical instruments, viewing educational videos and discuss emerging issues.
2. Demonstrator activity in small groups (maximum 5 students / teacher) on practices. Showing and teaching surgical techniques to medical students.

Topics of demonstrator activities:

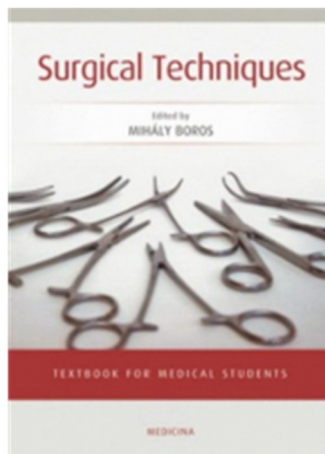
- Wound closure. Basic surgical instruments, special surgical tools and technologies, suture materials. Incision, wound closure with different surgical suturing techniques (on suturing pads). Knotting with instruments.
- Knotting techniques. Basic surgical knotting types with hand or with instruments. Surgical knotting under tension, in a cavity.
- Hemostasis. Skin incisions, hemostasis, wound closure with sutures in multiple layers. Drainage of subcutan wounds. Wound closure in cavities. Mucosa sutures.
- Minimally invasive surgery. Parts of the laparoscopic tower, laparoscopic instrumentarium. Hand-eye coordination practices, usage of laparoscopic instruments, laparoscopic knotting.

Criteria for completing the course:

- Attendance of demonstrator workshops and a minimum of 75% attendance on the practices are recommended. Attendance on practices is verified with signing the attendance sheet.
- Making-up of missed practices is possible only if schedule makes it possible and only after obtaining written permission from the course organizers.

Evaluation: We evaluate the demonstrator activity of the students on all practices and give a continuous feedback of their progress. The course ends with a colloquium.

Compulsory textbooks:



Surgical Techniques

Textbook for medical students

Mihály Boros (ed.)

Medicina, Budapest, 2009.

"Skills" Képzés és Értékelés

Gyakorlati segédanyag



Szegedi Tudományegyetem
Általános Művelődési Intézet
Szeged, 2008



Practical Skills Syllabus

Mihály Boros (ed.)

Innovariant Kft., Szeged, 2008.