

REQUIREMENTS

Semmelweis University, Faculty of Medicine Name(s) of the Institute(s) teaching the subject: Department of Surgical Research and Techniques
Name of the subject: Intermediate knotting and suturing techniques Credits: 1 Total number of hours: 14 lectures: 3 practices: 11 seminars: Type of the course (mandatory/elective): elective course
Academic year: 2023/2024 Autumn Semester Code of
the course^I: AOSKMI814_1A
Course director (tutor): Dr. Andrea Ferencz Contact details: 1-459-1500/56569, mutettan@gmail.com Position: Associate Professor Date of habilitation and reference number: 2010, 39/2010/habil
Aim of the subject and its place in the curriculum: The aim of this subject is to repeat the basic surgical techniques and the basics of the wound management, and get on the intermediate level of suturing and knotting by teaching new techniques. The practical skill training is based on the theoretical knowledge.
Location of the course (lecture hall, practice room, etc.): 1089 Budapest, Nagyvárad square 4., Operating Lab
Competencies gained upon the successful completion of the subject: Knowledge of 7 knotting techniques by hand and having skill in interrupted, running and special plastic suturing and suture removal techniques. Managing wounds, scar correction.
Prerequisite(s) for admission to the subject: Basic Surgical Techniques
Minimum and maximum number of students registering for the course: minimum 10, maximum 20 students Student selection method in case of oversubscription: The order of registration
How to register for the course: Neptun

Detailed thematic of the course²:*Lectures*

1. Knots and knot tying techniques (45 min, Daniella Fehér)
2. Interrupted and running suture lines and their application (45 min Dr. Krisztina Juhos)
3. Plastic surgical suture types and their application (45 min Dr. Andrea Ferencz)

Practices

1. Knotting tying (two-hand tie/one-hand tie: surgical and Wienese technique, Roeder loop, Aberdeen tie, slip knot, square knot, surgeon's knot) (45 min, Daniella Fehér, Dr. Krisztina Juhos)
2. Interrupted sutures: simple, horizontal mattress, Donati vertical mattress, Allgöwer vertical mattress, horizontal-Allgöwer suture (2x45 min, Dr. Krisztina Juhos, Daniella Fehér)
3. Running suture lines: simple, running-locked, intracutaneous, running-Donati, running horizontal mattress (2x45 min, Dr. Krisztina Juhos, Daniella Fehér)
4. Plastic surgical wound management I.: W-plasty, Z-plasty, special wounds (3x45 min, Dr. Andrea Ferencz, Dr. Krisztina Juhos)
5. Plastic surgical wound management II.: Reverdin-plasty, elliptical excision, graft, foreign-body removal) (3x45 min, Dr. Andrea Ferencz, Daniella Fehér)

Potential overlap(s) with other subjects:

no

Special training activities required³:

no

Policy regarding the attendance and making up absences:

The attendance is mandatory for each practice. The presence will be regularly checked and documented by the Department. The number of missed practices and lectures may not exceed more than 25%. That means only ONE absence is acceptable during the semester. If any student misses two or more practices, the Department will refuse to sign the subject.

Means of assessing the students' progress during the semester⁴:

There is only oral feedback of progress, no demonstrations during the Semester.

Requirement for acknowledging the semester (signature):

The number of missed practices and lectures may not exceed more than 25%. That means only one absence is acceptable during the Semester.

Type of the examination:

practical

Type and method of grading⁶:

Using evaluation sheet during practices for determining the final practical grade.

Grading:


failed (1)

satisfactory (2)

moderate (3)

good (4)

excellent (5)

How to register for the exam: Neptun
Opportunities to retake the exam: see Examination and Studies Regulation
Literature, i.e. printed, electronic and online notes, textbooks, tutorials (URL for online material): ‘Basic Surgical Techniques’ Textbook can be downloaded from our homepage: http://semmelweis.hu/mutettan/ Recommended textbooks: R. M. Kirk: Basic Surgical Techniques ed. Elsevier
Signature of the tutor:
Signature(s) of the head(s) of the Institute(s): 
Date: 21/11/2022
