

REQUIREMENTS

Semmelweis University, Faculty of Medicine – single, long-cycle medical training programme Name of the host institution (and any contributing institutions): Heart and Vascular Center, Department of Surgical Research and Techniques			
Name of the subject: in English: Advanced suturing techniques in German: - Credit value: 1 Semester: Spring Semester <i>(as defined in the curriculum)</i>			
Total number of classes per week:	lectures: 2	practical lessons: 12	seminars:-
Type of subject: compulsory <u>optional</u> elective (PLEASE UNDERLINE AS APPLICABLE)			
Academic year: 2023/2024 Year Spring Semester			
Language of instruction, for optional or elective subjects: English			
Course code: AOSKMI807_1A <i>(In the case of a new subject, this cell is filled in by the Dean's Office, following approval)</i>			
Course coordinator: Dr. Andrea Ferencz Place of work, phone number: 1-459-1500/56569 Position: Head of Department, Associate Professor Date and number of habilitation: 2010, 39/2010/habil			
Objectives of the course and its place in the medical curriculum: This subject aims to improve the knowledge of suturing and knotting to advanced level by practicing new, special techniques. The practical skill training is based on theoretical lectures.			
Place of instruction (address of lecture hall or seminar room etc.): 1089 Budapest, Nagyvárad square 4., Operating Lab, Department of Surgical Research and Techniques			
Competencies acquired through the completion of the course: Specific knowledge of preparation, stitches, suturing, and anastomosis techniques of the gastrointestinal tract and vessels.			
Prerequisites for course registration and completion: The mandatory course of 'Basic Surgical Techniques' and the optional course of 'Intermediate knotting and suturing techniques'.			

Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject: -

Student headcount conditions for starting the course (minimum, maximum) and method of student selection: minimum 5, maximum 20 students. Registration is made via NEPTUN and is accepted on a first-come, first-served basis.

Detailed course description:

(Theoretical and practical instruction must be broken down into lessons (weeks), numbered separately. Please provide the names of lecturers in both types of lessons, indicating guest lecturers. This information is not to be attached separately. CVs of guest lecturers, however, must be attached.)

Lectures

1. Special suturing and anastomosis techniques of the intestines (45 min Dr. Domokos Csukás, Dr. Györgyi Szabó)
2. Special suturing and anastomosis techniques of the vessels (45 min Dr. Domokos Csukás, Dr. Györgyi Szabó)

Practices

1. Vessel anastomosis on ex vivo tissue
(6x45 min, Dr. Domokos Csukás, Dr. Györgyi Szabó)
2. Bowel anastomosis on ex vivo tissue
(6x45 min, Dr. Domokos Csukás, Dr. Györgyi Szabó)

Related subjects due to interdisciplinary fields (both compulsory and elective) and potential overlaps between subjects:

No

Attendance requirements; conditions under which students can make up for absences and the method of absence justification:

Regarding the optional type of the course, no making-up is feasible.

The course is built up of 2 days. Each day contains two sessions, a morning session from 8:30 am to 11:30 am and an afternoon session from 12:30 pm to 15:30.

The presence will be regularly checked and documented in writing by the Department.

Form of assessment in the study period:

(including the number, topics and scheduling of oral and written tests, their share in the overall evaluation, make-up tests and improvement tests)

Tutors give feedback about the development of suturing skills during the practical sessions.

Number and type of assignments for individual work and the deadline for submission:

No

Requirements to obtain the teacher's signature:

Presence at least 25% of the course (minimum one session).

Type of assessment (*comprehensive examination, end-term examination, term-grade, term-grade on a three-grade rating scale, no examination*):

The absence/presence sheet is used during practices for determining the final grade. Active participation is highly expected during the course.

Examination requirements:

(list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills)

No further examination is required.

Method and type of grading:

(Share of theoretical and practical examinations in the overall evaluation. Inclusion of the results of the end-of-term assessment. Possibilities of and conditions for offered grades.)

Attendance during practical sessions is the subject of grading.

Grading:

Failed (1) – No presence at least 25% of the course/minimum one session.

Satisfactory (2) – Presence only at one session.

Moderate (3) – Presence only at two sessions.

Good (4) – Presence only at three sessions.

Excellent (5) – Presence at all four sessions.

List of course books, textbooks, study aids, and literature facilitating the acquisition of knowledge to complete the course and included in the assessment, precisely indicating which requirement each item is related to (e.g., topic by topic) as well as a list of important technical and other applicable study aids:

Ferencz, A. et al. (Ed.) (2021). Basic Surgical Techniques. Semmelweis Publishers

The textbook can be downloaded from the Semmelweis Publishers homepage:

<https://www.semmelweiskiado.hu/termek/1732/basic-surgical-techniques>

Signature of habilitated instructor (course coordinator) announcing the course:



Signature of the director of the host institution:

Date of submission:

27/04/2023