REQUIREMENTS

Semmelweis University, Faculty of Medicine
Name of the managing institute (and any contributing institutes):
Department of Anatomy, Histology and Embryology

Name of the subject: Anatómiai preparáció a gyakorlatban
in English: Anatomic dissection in the practice
in German: Anatomische Präparation in der Praxis
Timetable: **Monday 16:45-18:15**
Credit value: 2
Number of lessons per week: 1x90 min; **lecture: -** **practical course:** 1x90 min **seminar: -**
Subject type: **compulsory course** **elective course** **optional course**

Subject code: AOSANT809_1A

Name of the course leader: Dr. Tamás Ruttkay; Dr. Alán Alpár
His/her workplace, phone number: Department of Anatomy, Histology and Embryology (ext.: 53688)
Position: Dr. Tamás Ruttkay: senior lecturer; Dr. Alán Alpár: professor
Date and registration number of their habilitation: Dr. Alán Alpár: Karolinska Institute, 2012 (accepted: Semmelweis University, 2014); Dr. Tamás Ruttkay: -

Objectives of the subject, its place in the medical curriculum:
The technique of anatomical dissection dates back many centuries. Dissecting of fixed specimens gives students the opportunity to acquire practical knowledge that is essential, especially for those who are planning to choose manual field. Fine dissection of small structures requires extra time and appropriate infrastructural conditions. Our practical course creates this unique opportunity under the guidance of expert instructors. The specimens will get into the high quality demonstration specimen pool to be used in the education.

Place where the subject is taught (address of the auditorium, seminar room, etc.):
Department of Anatomy, Histology and Embryology; 1094 Budapest, Tűzoltó utca 58.; dissection room 3rd floor

Successful completion of the subject results in the acquisition of the following competencies:
By completing the course, students will master the technique of fine anatomical dissection. Working with fine quality instrumental tools gives the opportunity to get to know better anatomical layers and structures in more details. This type of work gives a good base of knowledge what can be developed further in manual fields.

Course prerequisites:
Macroscopic Anatomy II.

Number of students required for the course (minimum, maximum) and method of selecting students:
The course will be started if there are at least 5 applicants. Maximum 10 students of the English class can participate in the course. The practices are held together with the German class along the semester.

How to apply for the course:
Application for the course is made in accordance with the provisions of the Study and examination regulations and the provisions of the Dean's office of the Faculty of Medicine. Registration occures in the Neptun system.

Detailed curriculum:
Practices:
1. Introduction. Handout of specimens. Removal of the skin.
2. Dissection of cutaneous nerves and superficial veins I. (demonstration and practice)
3. Dissection of cutaneous nerves and superficial veins II. (demonstration and practice)
4. Dissection of mucles I. (demonstration and practice)
5. Dissection of mucles II. (demonstration and practice)

6. Dissection of arteries and nerves I. (demonstration and practice)
7. Dissection of arteries and nerves II. (demonstration and practice)
8. Dissection of the viscera I. (demonstration and practice)
9. Dissection of the viscera II. (demonstration and practice)
10. Working with bone I. (demonstration and practice)
11. Working with bone II. (demonstration and practice)
12. Dissection of the brain I. (demonstration and practice)
13. Dissection of the brain II. (demonstration and practice)
14. Exam and demonstration of the dissected specimens.

Teachers (depending on the number of the registered students):
Dr. Alán Alpár professor – professional tutor
Dr. Tamás Ruttkay senior lecturer – lecturer, practice leader
Dr. Emese Pálfi senior lecturer – practice leader

Other subjects concerning the border issues of the given subject (both compulsory and optional courses!). Possible overlaps of themes:
Preparative part of Macroscopic Anatomy I-II. pratices.

Special study work required to successfully complete the course:
Anatomical dissection on the practices.

Requirements for participation in classes and the possibility to make up for absences:
Participation in the practices is verified by signing an attendance sheet.
Absence up to 25% of the classes is allowed within a semester.
Due to the nature of the course, it is not possible to make up for absences.

Methods to assess knowledge acquisition during term time:
There is no mid-term check.

Requirements for signature:
Attendance at least 75% of the classes.

Type of examination:
The semester ends with a practical exam, during which the student presents and hands over the specimen dissected by him/her to the practice leader.

Requirements of the examination:
During the last practice of the semester, the student summarizes the topic of the dissected specimen and displays it. The practice leader evaluates the semester preparatory work based on the criteria detailed below.

Method and type of evaluation:
The finished specimen is evaluated according to the following criteria:
1. The degree of preparation of the topic recorded at the beginning of the course.
2. Quality of the prepared anatomical structures.
3. Presentation of the spacimen in a practical exam (theoretical, regional anatomical presentation).
The student's knowledge will be evaluated using a scale of 1 to 5 mark.

How to register for the examination?:
Neptun system.

Possibilities for exam retake:
It is not possible to replace an unfinished specimen. In case of justified absence from the practical exam, the presentation of the dissected specimen and the formation of the grade will take place at an additional time.

Printed, electronic and online notes, textbooks, guides and literature (URL address for online material) to aid the acquisition of the material:
T. Tömböl: Regional Anatomy. Medicina, Budapest, 2008.