

## Angol verzió

**Semmelweis University, Faculty of Medicine - single, long-cycle medical training**

**Name of the host institution (and any contributing institution):**

Traumatológiai Klinika

**Name of subject:** Választható klinikai gyakorlat

**in English:** 6 week facultative course

**in German:** Wahlpflichtfach PJ - Klinisches Praktikum

**Credit value:** 6

**Semester:** 11-12. szemeszter

(in which the subject is taught according to the curriculum)

Hours per week	Lecture	Practical lesson	Seminar
0	0	0	0

Hours per semester	Lecture	Practical lesson	Seminar
240	0	240	0

**Type of course:**

obligatory

**Academic year:**

2024/25

**Language of instruction (for optional and elective subjects):**

**Course code:**

(in the case of a new course, to be completed by the Dean's Office, following approval)

**Course coordinator name:** Dr. Bodzai Tamás János (klinikaigazgató)

**Course coordinator location of work, telephone availability:** Semmelweis University Clinic for Traumatology, e-mail: office.trauma@semmelweis.hu, Tel: 06 20/825-8680

**Course coordinator position:** Head of department, associate professor

**Course coordinator Date and number of habilitation:** In progress

**Objective of instruction and its place in the curriculum:**

Traumatology as a specialty deals with the treatment of injured patients, independent of the injured organ, patient's age or previous diseases. In developed countries, the 4-5th leading cause of death is injury, while in the actively working population, the rate of death is even higher. Morbidity in children and in the elderly is also high. Since the patient examination and therapeutic algorithm somewhat differ from the previously taught examination and treatment methods in the curriculum,

our aim is to offer a general and practical approach to treating trauma patients for students. The prerequisite for 6th year Traumatology is the material and exam from the 5th year in Traumatology, to be used in a more practical manner. Beside this, familiarization and active participation in the daily routine of a Traumatology department play a role in the students' curriculum.

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**Method of instruction (lecture, group work, practical lesson, etc.):**

The six-week practice is spent by students in active inpatient traumatology departments, where they participate in the daily activities and duties of the department.

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**Competencies acquired through completion of course:**

During practices, students will have the opportunity to learn the following: physical examination of injured patients, bandaging, suturing, casting techniques, and the uses of orthoses and splints. Consultation of typical and the more frequent trauma cases, radiologic diagnostics, as well as shadowing, observing and/or assisting in the operating theater are also part of the curriculum. In the ER, students will have an opportunity to examine and participate in the trauma care of patients under supervision.

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**Course outcome (names and codes of related subjects):**

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**Prerequisites for course registration and completion: (CODE):**

Internal Medicine II., Surgery, Traumatology and Orthopedics

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**In the case of multi-semester courses, position on the possibility of and conditions for concurrent registration:**

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**The number of students required to start the course (minimum, maximum), student selection method:**

Minimum: -

Maximum: Depends on each teaching hospital's capacity

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**Detailed course syllabus (if the course can be divided into modules, please indicate): (Theoretical and practical instruction must be broken down into hours (weeks), numbered separately; names of instructors and lecturers must be listed, indicating guest lecturers/instructors. It cannot be attached separately! For guest lecturers, attachment of CV is required in all cases!)**

- 1.) Daily attendance of morning conference. After becoming acquainted with the introduced cases, students will have the opportunity to examine the hospitalized patients and familiarize themselves with patient's documentation.
- 2.) Assisting or observing in the operative theater, depending on the operative program.
- 3.) Students shall participate in patient admission, examination, follow and help in the evaluation of the diagnostic examinations, and take part in the acute treatment of traumatized patients during on duty shifts.
- 4.) Participating in grand rounds, patient presentation, and following up on referrals.
- 5.) Consultation with attending tutor of actual clinical cases, planning the treatment and the course of patient follow up.
- 6.) Taking part in patient follow up examinations. Examining the range of motion, function, evaluating x-rays and CT scans. Identification and treatment of complications.

**Detailed syllabus:**

1. First Aid
2. Evaluation of the mental-stage/orientation with the Glasgow-score
3. Evaluating and management of external wounds
4. Termination of bleeding
5. Transportation of trauma patient
6. Transient fixating bandage of traumatic part of body
7. Preparation of the surgical area
8. Surgical scrub-in and clothing
9. Infiltrational anaesthesia
10. Incision and drainage
11. Management of infected, necrotic wound
12. Closure
13. Stitch removal
14. Applying pressure-bandage
15. Reuniting closed fractures
16. Fracture stabilization
17. Reduction of dislocation
18. Transient fixation of broken extremities
19. Insertion of Foley's catheter in men
20. Insertion of Foley's catheter in women
21. Venous-canulating
22. Pain management
23. Assisting surgical procedures

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**Other courses with overlapping topics (obligatory, optional, or elective courses) in interdisciplinary areas. To minimize overlaps, topics should be coordinated. Code(s) of courses (to be provided):**

Elsősegély, Belgyógyászat II. (hematológia, infektológia, immunológia, reumatológia, laboratóriumi medicina), Gyermekgyógyászat, Gyermekgyógyászat

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**Requirements for attendance, options for making up missed sessions, and method of absence justification:**

**Duration of the practice: 6 week (240 hours)**

The certificate (for students spending the practice abroad) or attendance sheet (students spending the practice in Budapest) must be handed in or scanned and emailed to the Traumatology Department upon completion of the practice.

Option for making up missed sessions: According to the TVSZ

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**Assessment methods during semester (number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks):**

**(number, topics, and dates of midterms and reports, method of inclusion in the course grade, opportunities for make-up and improvement of marks)**

The interactive seminars and practices allows for the assessment of students' progress. There will be no formal test/quiz during the practice week.

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**Number and type of individual assignments to be completed, submission deadlines:**

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**Requirements for the successful completion of the course:**

Attendance of the practice (6 weeks - 240 hours), as well as the signed and stamped attendance sheet (and/or certificate) according to the directions written on the department's website (based on where the student spends their practice)

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**Type of assessment:**

gyakorlati jegy\_en

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**Examination requirements (list of examination topics, subject areas of tests, lists of mandatory parameters, figures, concepts and calculations, practical skills, optional topics for the project assignment recognized as an exam and the criteria for its completion and evaluation)**

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

According to the participation demonstrated during the 6-week practice (activity).

**List of coursebooks, 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; possibility of individual or group student consultation, if available:**

Type	Required	Author	Title	Publisher	Year of publication	Link
	igen	Editors: Andrew B. Peitzman Michael Rhodes C. William Schwab Donald M. Yealy Timothy C. Fabian	The Trauma Manual: TRAUMA AND ACUTE CARE SURGERY Third edition	Wolters Kluwer / Lippincott Williams & Wilkins	1	
	igen					<a href="https://itc.semmelweis.hu/moodle">https://itc.semmelweis.hu/moodle</a>

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

**Signature of the director of the host institution:**



**Date of submission:**

2024.08.05.