

Semmelweis University, Faculty of Medicine - undivided, one-tier training in general medicine

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

Traumatológiai Klinika

Name of subject in Hungarian: Választható klinikai gyakorlat

Name of subject in English: Six-week Facultative course

Name of subject in German: Wahlpflichtfach PJ - Klinisches Praktikum

Credit value of the course: 5

Semester: 11th semester, 12th semester

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

Weekly hours	Lecture	Practice	Seminar
0.0	0.0	0.0	0.0

Semester hours	Lecture	Practice	Seminar
240.0	0.0	240.0	0.0

Type of course:

obligatory

Academic year:

2026/27

Language of instruction (for optional and elective subjects):

Course code:

AOKANG1137_SA

(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: 2025.03.12. 37995/HABIZ/2025

Objectives of the course, and its place in the curriculum of the medical training program:

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.

Format of the course (lectures, group work, practical lessons, 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.

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.

Course outcome (names and NEPTUN ID of related subjects):

Prerequisites for course registration and completion: (NEPTUN ID):

Internal Medicine II., Surgery, Traumatology and Orthopedics

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), method of selecting participants:

Minimum: -

Maximum: Depends on each teaching hospital's capacity

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. Pain management
20. Assisting surgical procedures

Tutors:

Dr. Abonyi Bence, Dr. Asztalos András, Dr. Balsai Tamás, Dr. Bodzay Tamás, Dr. Cséka Botond, Dr. Doborean Levente, Dr. Faragó Bence, Dr. Fehér Milán, Dr. Gábor Áron, Dr. Gömöri Kristóf, Dr. Hangody László, Dr. Kalóz Erika, Dr. Kardos Dániel, Dr. Kassai Tamás, Dr. Keszég Miklós, Dr. Koczka Dániel, Dr. Kocsis András Bernát, Dr. Kosztin Árpád, Dr. Lányi Péter, Dr. Lepár Gábor, Dr. Lengyel Ágnes, Dr. Ludas István Tamás, Dr. Mayer Lilla, Dr. Naphegyi Andrea, Dr. Pahlavanyali Afshin, Dr. Pánics Gergely, Dr. Pap Károly, Dr. Szabó Gergely, Dr. Szabó Sándor, Dr. Szmola Dániel,

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

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

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.

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)

Type of assessment:
end term examination

Exam requirements (list of topics, topics of the test exam, and the optional project topics accepted as an exam)

During the practical exam, the student is required to orally demonstrate their practical knowledge by drawing two topics from the syllabus.

Clear, specific minimum requirements for assessment. (The list of mandatory concepts, parameters, diagrams, calculations, and practical skills required to obtain a passing grade, as well as the criteria for the completion and evaluation of project assignments accepted as an exam.) A link published on the department's website referring to the minimum requirements of the course.**Minimum requirements for assessment**

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. Pain management
20. Referring patients between physician colleagues
21. Knowledge of medical documentation and the basic rules of maintaining it
22. Assisting surgical procedures
23. Formulating therapeutic recommendations

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), and the result of

the practice exam.

Artificial intelligence systems used in the teaching of the subject and the manner of their application

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:

Online resources:

Type	Mandatory
Title	
Link	https://itc.semmelweis.hu/moodle

Printed resources:

Type	Mandatory
Author	Editors: Andrew B. Peitzman Michael Rhodes C. William Schwab Donald M. Yealy Timothy C. Fabian
Title	The Trauma Manual: TRAUMA AND ACUTE CARE SURGERY Third edition
Publisher	Wolters Kluwer / Lippincott Williams & Wilkins
Year of publication	1

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

Signature of the director of the host institution:

Date of submission:
