

REQUIREMENTS

Semmelweis University, Faculty of General Medicine – single, long-cycle medical training programme

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

SE ÁOK Traumatológiai Tanszék

Name of the subject: Súlyos sérültek ellátásának speciális szempontjai

in English: Special aspects of the treatment of the seriously injured patients

in German: Spezielle Aspekten der Therapie der politraumatisierten Patienten

Credit value: 2

Semester: I.

(as defined in the curriculum)

Total number of classes per week: 2 (2x45 min)	lectures: 1x45 min*	practical lessons: 1x45 min**	seminars: -
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* Total number of lectures per semester: 14*45 min

** Total number of practical lessons per semester: 14*45 min

Type of subject: compulsory optional elective

(PLEASE UNDERLINE AS APPLICABLE)

Academic year: 2023/2024 I.

Language of instruction, for optional or elective subjects: English

Course code:

(In the case of a new subject, this cell is filled in by the Dean's Office, following approval)

Course coordinator: Dr. Bodzay Tamás PhD

Place of work, phone number:

Dr. Manniger Jenő Baleseti Központ

+36 1 299 7700/2101

Position: Medical Director, Deputy Director General

Date and number of habilitation: in progress

Gesztorintézet vezetőjének neve: Prof. Dr. Hangody László

Place of work, phone number:

Semmelweis University Traumatology Department, 1145 Budapest, Uzsoki u. 29-41.

Tel: 06 1 467 3851

Position: Head of department

Gesztorintézet Date and number of habilitation:

Date: 2003. V. 24.

Number: 10/2003

<p>Objectives of the course and its place in the medical curriculum:</p> <p>Teaching seriously-injured patient treatment principles is included but underweighted in the regular traumatology education program. However, it needs to be more emphasized according to its actual importance. The goal is to develop a gradual educational program that arouses medical students' interest and results in the better possible care for the seriously injured patients in the future. It strengthens the theoretical and practical knowledge of the future professionals involved in the care of the affected patients.</p>
<p>Place of instruction (address of lecture hall or seminar room etc.):</p> <p>Dr. Manninger Jenő Baleseti Központ Skill Labor 1081 Budapest, Fiumei út 17.</p>
<p>Competencies acquired through the completion of the course:</p> <p>Acquiring the unique knowledge and attitude necessary for the treatment strategy of polytraumatized patients.</p>
<p>Prerequisites for course registration and completion:</p> <p>First Aid, Macroscopic anatomy and embryology II., Medical Terminology, Medical Physiologie I, Pathology II., Pharmacology II., Introduction into Clinical Medicine, Bioethics-Medical ethics, Internal Medicine - Propedeutics, Internal Medicine summer practice, Basic surgical techniques, Surgery, Traumatology, Emergency Medicine - Oxyology (EMO), Pulmonology and throacic surgery Recommended: Disaster medicine</p>
<p>Conditions for concurrent course registration and permission thereof in the case of a multi-semester subject:</p> <p>-</p>
<p>Student headcount conditions for starting the course (minimum, maximum) and method of student selection:</p> <p>minimum: 5 students maximum: 16 students</p> <p>Sudents can register in Neptune!</p>
<p>Detailed course description: <i>(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.)</i></p> <ol style="list-style-type: none"> 1. Serious injury: characteristics and definition of polytrauma - introduction (IAS scenario, DSTC-ETC) (lecture/practice) Dr. Tamás Bodzay 2. Treatment of chest injuries in polytrauma (lecture/practice) Dr. István Flóris 3. Treatment of abdominal injuries according to DSTC-ETC principles (lecture/practice) Dr. Tamás Bodzay 4. Treatment of pelvic injuries (lecture/practice) Dr. Tamás Bodzay 5. Treatment of cranial and spine injuries I. (lecture) Dr. Árpád Viola 6. Treatment of cranial and spine injuries II. (exercise) Dr. Bálint Horváth

7. Intensive care of polytrauma patients (lecture/practice)
Dr. Gábor Nardai
 8. Treatment principles of seriously injured children (lecture/practice)
Dr. Tamás Kassai
 9. Treatment of musculoskeletal injuries in polytraumatized patients I. Damage control- early total care; (lecture/practice)
Dr. András Kocsis
 10. Treatment of musculoskeletal injuries in polytraumatized patients II. (lecture/practice)
Dr. Péter Balázs
 11. Principles of rehabilitation in seriously injured patients (lecture)
Dr. Péter Cserháti
 12. Team approach and resources exercise in shock room environment (practice)
Dr. Kocsis András
 13. Primary survey and ABCDE approach in real simulation (Cut Suit practice)
Dr. András Kocsis, Dr. Bálint Horváth
 14. Consultation - Q&A (lecture/practice)
Dr. Tamás Bodzay
- (The Dr. Manninger Jenő Trauma Center reserves the right to make changes.)

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

Orthopedics, Traumatology, First Aid, Neurotraumatology, Sports Surgery, Plastic Surgery, Surgery

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

Attending 11 lectures and 11 practical lessons is required, Make up is not possible!

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)

No tests during study period, the lectures and practical lessons are interactive.

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

Participating in on duty shift is optional.

Requirements to obtain the teacher's signature:

Attending and actively participating in 11 lectures and 11 practical lessons.

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

Term-grade. Written examination (electronical form). 5 scale grading (1-5).

Examination requirements:

(*list of examination topics, subject areas of tests / examinations, lists of mandatory parameters, figures, concepts and calculations, practical skills and the optional topics for exam-equivalent coursework projects, their criteria of completion and assessment*)

The knowledge of the given textbook, electronic lectures (Moodle) and the material covered in lessons.

Theoretical exam topics:

1. Serious injury: Characteristics and definition of polytrauma
2. Imaging diagnostics of seriously injured patients
3. Damage control vs. early total care
4. Treatment of chest injuries in polytrauma
5. Treatment of abdominal injuries
6. Treatment of pelvic injuries
7. Treatment of central nervous system injuries
8. Treatment of spine and spinal cord injuries
9. Intensive care of polytraumatized patients
10. Treatment of seriously injured children
11. Treatment of musculoskeletal injuries in polytraumatized patients
12. Rehabilitation of seriously injured people

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.)

Result of written examination.

Evaluation: 5 grade rating scale.

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:

Basic learning material: topics of the lectures and practices (listed before).

Online learning material:

Semmelweis Egyetem E-learning portál (**Moodle**)

<https://itc.semmelweis.hu/moodle/?lang=en>

Ajánlott irodalom:

Fekete K. – Ács G.: Traumatológia Medicina Könyvkiadó Zrt. 2016

Renner A.: Traumatológia Medicina Könyvkiadó Zrt. 2011

Flautner-Sárváry: A sebészet és Traumatológia tankönyve, Semmelweis kiadó 2003

Textbook:

The Trauma Manual: TRAUMA AND ACUTE CARE SURGERY

Third edition

Editors: Andrew B. Peitzman, Michael Rhodes, C. William Schwab, Donald M. Yealy, Timothy C. Fabian

Publisher: Wolters Kluwer / Lippincott Williams & Wilkins

Lehrmaterial:

Empfohlene Fachliteratur: Aktuelle Lehrbücher der deutschen Universitäten

Weitere Hilfsmaterialien:

E.H.Kuner, V.Schlosser: Traumatologie 5.überarb.Auflage, G.Thieme Verlag

Grifka-Kuster: Orthopädie und Unfallchirurgie, Springer Verlag 2011

Mutschler-Haas: Praxis der Unfallchirurgie, G. Thieme Verlag 1999

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

Dr. Bodzay Tamás, M.D.PhD

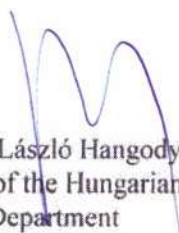
Place of work, phone number:

Dr. Manniger Jenő Trauma Center

Position: Medical Director, Deputy Director General, Honorary Associate Professor

Date and number of habilitation: in progress

Signature of the director of the host institution:



Prof. Dr. László Hangody, M.D., Ph.D., D.Sc.
Member of the Hungarian Academy of Sciences
Head of Department
Semmelweis University, Department of Traumatology

Date of submission:

2023 - 08 - 01