

REQUIREMENTS

Semmelweis University Faculty of Medicine	Department name: Department of Traumatology
Subject: Traumatology Type of subject: <u>Mandatory</u> Code: AOTRATRASGA Credit points: 0 Time period: 2 weeks The work hours of the practice are 30 hours/week and includes one 16 hour on-duty shift.	
Head of Department: Prof. Dr. Hangody László	
Curriculum Year: 2015/2016.	
Purpose of subject: <p>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. For this reason, the understanding of anatomy, physiology, physics, general surgery, neurology, radiology, and the clinical subjects (ENT, ophthalmology, urology), as well as general and specific traumatology learned in the 5th year are prerequisites for the foundation of this subject. Traumatology treatment for the most part deals with extremity surgery in correlation to orthopedics, however cranial, thoracal, abdominal, spinal and pelvic injuries as well as the treatment of polytraumatized patients also belong to the field of trauma care.</p>	
Syllabus: 6th year students – 2 week practice <p>The student may attend this practice at one of the following institutions: 1. Semmelweis University Department of Traumatology, 2. in the Member States of the European Union (and in Switzerland and Norway), clinical practice is accepted and recognized if it is earned at a Traumatology or Orthopedic-traumatology department at state-accredited university clinics or teaching hospitals – the legal ground for this is the mutual recognition of diplomas issued by the accredited institutions, or 3. abroad at a Traumatology or Orthopedic-traumatology department of an accredited teaching hospital accredited by the Hungarian Accreditation Committee – HAC (this can be checked on the following website: http://www.semmelweis-english-program.org/index.php?option=com_content&task=view&id=79&Itemid=101 under the link: Approved Health Institutes for 6th year Rotations).</p> <ol style="list-style-type: none">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-cannulating
22. Pain management
23. Assisting surgical procedures

Attendance criteria and absences:

The complete attendance of the two week practice as well as the completion of the syllabus signed by the tutor is mandatory. The syllabus must be handed in at the Traumatology Department upon completion of the practice with the certificate (if practice is spent abroad) and student index. During the course of the two weeks, 6 hour work days are mandatory as well as one 16 hour on-duty shift.

Verification of absences from practices of from the exam:

We can only accept hospital discharge papers for verification of absences, with a maximum of 3 days. The absence must be substituted at a later time period, assigned by the tutor. In the case of further absences, the practice cannot be accepted.

The topics and monitoring of practices:

Regular attendance is taken during the two week practice on an attendance sheet. The traumatology student syllabus contains the topics and requirements the student must fulfill during the practice.

Students who spend their Traumatology practice abroad must hand in a Letter of Acceptance form (For obligatory internship in Traumatology as part of the student's sixth year's curriculum) signed by the professor in charge/Head of Department at least one month prior to beginning their practice at that hospital/clinic. We cannot accept the practice of a student, if the "letter of acceptance" is handed in later than one month prior to starting the practice.

Students who spend their Traumatology practice at the Traumatology Department of Semmelweis University must do so at one of the 16 allotted time periods on the Neptun program.

Criteria for the signature at the end of the semester:

Attendance of the two weeks of traumatology practice, as well as the completion of the syllabus (which can be downloaded from the Semmelweis University Traumatology Department's website) signed by the tutor. Traumatology must be attended and signed separately from the general surgery practice in the 6th year. Participation is only accepted, if the department has a trauma care unit, which is qualified according to Semmelweis University guidelines.

Grading:**Type of exam:**

Oral exam. One traumatology topic within the surgery exam.

Exam requirements:

The knowledge of the given textbook, lecture and practice material.

Exam registration:

Neptun program

Modification of exam registration:

Neptun program

Absence from the exam:**List of textbooks, notes, study-aids and references:**Name of 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