

## REQUIREMENTS

<p><b>Semmelweis University, Faculty of Medicine</b>  <b>Name of the managing institute (and any contributing institutes):</b></p>
<p><b>Name of the subject:</b> Sürgősségi Orvostan Választható (VI évfolyam) - SOV  <b>in English:</b> Emergency Medicine Optional (6th year) - EMOP  <b>in German:</b> Notfallmedizin Wahlfach (6. Jahr) - NOW  <b>Credit value:</b> 6  <b>Number of lessons per week:</b> 240 hour/6 week <b>lecture:</b> 0 <b>practical course:</b> 240 hour/6 week  <b>seminar:</b>0  <b>Subject type:</b>    <u>compulsory course</u>    elective course    optional course</p>
<p><b>Academic year:</b> 2020/21</p>
<p><b>Subject code:</b> AOKADH661_SM, AOKANG661_SA, AOKNEM661_SN  <i>(In case of a new subject, it is filled by the Dean's Office, after approval)</i></p>
<p><b>Name of the course leader:</b> Dr. Zsolt Iványi  <b>His/her workplace, phone number:</b> 06-20-6663775  <b>Position:</b> habilitated associate prof., deputy head of department for training,  <b>Date and registration number of their habilitation:</b> 2011.06.09. / 321</p>
<p><b>Objectives of the subject, its place in the medical curriculum:</b>  Emergency Medicine involves prehospital and hospital emergency care. Goal of the Subject is to show the students the special aspects of emergency medicine. How to perform a quick emergency examination, how to stay focused with the help of symptoms groups and red flags. How to manage critically ill patient how to find them. Part of the practice is also the triage procedure.</p>
<p><b>Place where the subject is taught (address of the auditorium, seminar room, etc.):</b>  SE Klinikai Központ Sürgősségi Betegellátó Osztály  SE Központi Betegellátó Szemináriumi Termek Földszint  1085. Budapest Üllői út 78/A.</p>
<p><b>Successful completion of the subject results in the acquisition of the following competencies:</b>  The Emergency Medicine Optional Course will support the skills of the medical student to recognise and assess critically ill patient. They will be able to reform basic skills to stabilise the patient. They will be able to perform focused assessment.  They will have opportunities to learn the basic rules of emergency medication.  They can learn some aspects of team working.  They will be able to perform a triage procedure, and understand its importance.</p>
<p><b>Course prerequisites:</b>  10th Semester Finished compulsory Subjects AND excellent Hungarian language knowledge</p>
<p><b>Number of students required for the course (minimum, maximum) and method of selecting students:</b>  No minimum number set. Maximum number of Students is 5.</p>
<p><b>How to apply for the course:</b>  With Neptun System</p>
<p><b>Detailed curriculum:</b></p>

*(Theoretical and practical lessons shall be given separately by numbering the lessons (by weeks). Please provide the names of the teachers of the lectures and practical lessons and indicate guest lecturers. Do not use attachments!  
Always attach a CV for guest lecturers!)*

The Subject – as the normal work in the ER – will be managed in 12-hour shifts. The work of the Student will be always observed and supported from the leading Physician and from the Physicians of the ER. There are 40-hour weeks, it means 3x12-hour shift (at least one of the shifts is nightshift) and after each shift there is 1-hour debriefing (it can be organised in an online form).

The jobs of the VI: year Student in the Emergency (18 shifts):

1. Basics of the organisation. How to move and live in the ER. What are the different competencies at different levels of HP-s. Basic documentation rules. At this time is not involved in patient treatment.
2. Triage\_1: The student assesses the work of the triage nurse, helps her under the observation of the leading Nurse. We offer material for MSTR System, and the student should have this knowledge for the next steps.
3. Triage\_2: performs triage procedure alone
4. Triage\_3: performs triage procedure alone
5. Triage\_4: performs triage procedure alone
6. Patient care\_1: under observation and with support of a Physician performs patient assessment and treatment with patients, triage level MSTR\_3-4-5. All steps of patient care must be checked from physician and all decisions (diagnostic, treatment) must be made together with the leading Physician. Structured form of communication is basic for communication.
7. Patient care\_2: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
8. Patient care\_3: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
9. Patient care\_4: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
10. Patient care\_5: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
11. Patient care\_6: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
12. Patient care\_7: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
13. Patient care\_8: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
14. Patient care\_9: as in Practice 6. stated. Performs patient care under observation (MSTR 3-4-5)
15. Patient care\_10: if the student performs well, know is able to be part of the team which job is to manage the care of critically ill patients (MSTR 1-2). The detailed job in team will be set always from leading Physician
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Continues assessment of the students will be performed from all HP of the ER. It provides immediate feedback for the student. The different levels are based on each other. The form for assessment will be filled and signed at the end of the shifts from the Physician.

**Other subjects concerning the border issues of the given subject (both compulsory and optional courses!). Possible overlaps of themes:**

Metabolic crises – ICU, Internal Med.,  
Abdominal pain symptoms group – Surgery, Urology, Gynecology  
Stroke – Neurology

<p>Kompartiment syndrome – ICU, Orthopedics  SSepsis – ICU  Syncope, Chest pain ACS, Heart failure – Kardiology  Toxikology – Binternal Med.  AMS – Neurology, Psychiatrie</p>
<p><b>Special study work required to successfully complete the course:</b>  <i>(E.g. field exercises, medical case analysis, test preparation, etc.)</i>  Not needed</p>
<p><b>Requirements for participation in classes and the possibility to make up for absences:</b>  Should manage shift change</p>
<p><b>Methods to assess knowledge acquisition during term time:</b>  (E.g. homework, reports, mid-term test, end-term test, etc., the possibility of replacement and improvement of test results)  Continouse assessment forms</p>
<p><b>Requirements for signature:</b>  Participate all shifts</p>
<p><b>Type of examination:</b>  <b>practical</b></p>
<p><b>Requirements of the examination:</b>  <i>(In case of a theoretical examination, please provide the topic list; in case of a practical exam, specify the topics and the method of the exam)</i></p>
<p><b>Method and type of evaluation:</b>  <i>(Method of calculating the final mark based on the theoretical and practical examination. How the mid-term test results are taken into account in the final mark.)</i>  Continouse assessment</p>
<p><b>How to register for the examination?:</b>  Neptun System</p>
<p><b>Possibilities for exam retake:</b></p>
<p><b>Printed, electronic and online notes, textbooks, guides and literature (URL address for online material) to aid the acquisition of the material:</b></p>
<p><b>Signature of the habilitated instructor (course leader) who announced the subject:</b></p>
<p>Signature of the Director of the Managing Institute:</p>
<p><b>Hand-in date:2020.05.07.</b></p>

<p><b>Opinion of the competent committee(s):</b></p>
<p><b>Comments of the Dean's Office:</b></p>

<b>Dean's signature:</b>