

REQUIREMENTS AND SUBJECT DESCRIPTION

Semmelweis University Faculty of Medicine Department of Emergency Medicine
Name of the subject: Clinical Practice (Emergency Medicine) Subject type: elective course, clinical practice code: SOKM credit value: 1 credit (or 2 credits if any other requirements are fulfilled)
Course leader: Dr. Csaba Varga
Academic year: 2022/2023
Aims of the subject, its place in the medical curriculum: The main aim of the Emergency Medicine Clinical Practice is to provide the opportunity to learn and practice basic medical procedures and to gain an insight into how an emergency department works. The student's activities are managed and supervised by one of the Department's physicians (called „tutor”), who also provides a certificate of attendance and completed interventions.
Detailed curriculum: Interventions to be viewed – minimal number of cases: <ul style="list-style-type: none">• Inspection of triage procedure: 30 cases• Patient examination: 20 cases• Peripheral venous cannulation and blood taking: 3 cases• Arterial line placement: 2 cases• NIV ventilatory support: 4 cases• Endotracheal intubation: 1 case• Resuscitation: 1 case Interventions to be performed – minimal number of cases <ul style="list-style-type: none">• Vital signs monitoring, calculation of NEWS: 30 cases• Peripheral venous cannulation and blood taking: 12 cases• Intravenous infusion setup and administration: 12 cases• Recording a 12 lead ECG: 8 cases• ECG monitoring: 3 cases• Arterial blood gas sampling: 5 cases• Bladder catheterization: 2 cases

Requirements for participation in classes:

Course prerequisites: completion of all the compulsory subjects in the first 4 semesters (i.e. allowed to start 3rd year)

Attendance: at least 72 hours (96 academic hours) during the semester, an average of 2 shifts per month.

12 hours are to be completed one at a time, following the shift work schedule in the Emergency Department, in order to ensure the opportunity to acquire all the skills listed in the detailed curriculum.

The rules of attendance in the Emergency Department:

- Monthly schedule is given for the students who are registered for the Clinical Practice elective course. Any modification in the schedule must be announced not longer than 48 hours before the start of the shift.
- The student has to register at the shift supervisor doctor and the shift supervisor nurse as well at the beginning of their shift. They both can give directions to the student.
- All the check-in and check-out times must be registered by using the Department's QR-code attendance system.
- The student can only perform any kind of activity with the current shift supervisor doctor's knowledge and permission, under their responsibility. Invasive intervention can only be performed under the supervision of a competent person who has the qualification to perform the given task.
- The student has to keep a logbook of their activities in the Department during the semester.
- A physician colleague of the Department of Emergency Medicine is assigned to the student as a tutor, with whom they can discuss what they have seen and experienced.

Policy regarding attendance and making up absences: ---

Means of assessing the students' progress during the semester (reports, semi-finals) – their number, topic, date, make-up and retake: 1) a 10-minute presentation based on a patient's case (case report). This presentation takes place at one of the medical staff meetings during the semester.

OR

2.) An essay (length of 2000-3000 characters) of the student's experiences during their Clinical Practice, including a case report.

Obtaining signatures: If the prescribed requirements are fulfilled, the credit value is recorded in the Neptun system at the end of the semester. Two credit values can be given to the student if they publish any evaluable article (even a case report) or take part in any other activity (research, conference participation). Certification and assessment can be obtained from the head of Department.

Type and method of grading: the fulfillment of the prescribed requirements.

Type of the examination: Term mark (three-scale)

Exam requirements: ---

How to register for the exam: ---
Modification of the registration for the exam: ---
Absences from the exam: ---
Printed, electronic and online notes, textbooks, guides, and literature to aid the acquisition of the material: Study materials for students can be found on the Department's website.