Faculty of Medicine in Rijeka

Curriculum
2022/2023

For course

Emergency Medical Conditions I

Study program:	**Medical Studies in English (R)** University integrated undergraduate and graduate study
Department:	**Department of Emergency Medicine**
Course coordinator:	**doc. prim.dr.sc. Pavletić Martina, dr. med.**
Year of study:	**4**
ECTS:	**7**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

Course **Emergency medicine I** is compulsory course in the 4th year of the Integrated Undergraduate and Graduate Study of Medicine in English. It consists of 1 hour of lectures, 129 hours of exercises, individual assignment and group seminar paper (7 ECTS credits). The course is held in the premises of the Department for Emergency Medicine, University Hospital Center Rijeka.

The course is composed of 8 clinical practices, which include an introduction to emergency medicine, triage, history-taking and physical examination, basic EKG interpretation, venipuncture, IV therapy, sampling for ABS, urinary catheter placement, and other essential emergency room procedures. There are also two online interactive practice sessions held via MS Teams, where students present their group seminar paper and two case studies from clinical practice.

Course objectives:

Adopt theoretical knowledge in the field of internal medicine, neurology, paediatrics, infectology and psychiatry. Students are going to apply knowledge during practical work in Emergency medicine department through 12 hours shifts. It is expected that students adopt process of triage, interviewing, physical examination and assessing of emergency level in critically ill patients. In addition, it is expected to understand principal indications for laboratory, imaging and endoscopic procedures in emergency department.

Course content:

Approach to the emergency patient, importance of anamnestic data and physical examination, basics of emergency medicine and introduction in the most common emergency conditions in internal medicine, neurology, paediatrics, infectology and psychiatry. Importance of diagnostic methods in radiology, laboratory diagnostics and endoscopy. Basic introduction in other non-surgical medical fields like dermatovenerology and oncology. Differential diagnosis and multidisciplinary approach. Fieldwork are going to be organised as assistance for medical transportation in ambulance car.

Teaching:

Classes are organized in the form of lectures and exercises, with individual and group assignements. Exercises are supervised by emergency medicine physicians, while students are actively involved in patient treatment in Department of Emergency medicine. Teachers discuss with students the specifics of each exercise. By completing all teaching activities, the student's attendance on exercises acquires 7.0 ECTS credits.

List of assigned reading:

1. Cydulka R.K. et all. Tintinalli's Emergency medicine manual, 18th edition, 2018.
2. Mahadevan S.V., Garmel G.M. Introduction to clinical emergency medicine, Cambrige Univeristy press, 2015.

List of optional reading:

Curriculum:

Student obligations:

A complete medical uniform ('scrub') is recommended for attendance at practice sessions. If you do not possess one, a pressed white coat, a shirt, and trousers with long legs will suffice. It is also advisable to bring your own stethoscope if you have one.

Clinical skills to be mastered during practice are recorded in the MedRi INP application in the Student Clinical Skills Booklet. The educational material and detailed instructions for the course will be available through the MS Teams channel 'Emergency Medicine Conditions I,' accessible via the provided link, and through the Merlin online learning system.

Case studies and seminar papers should also be submitted for review through MS Teams (assignment) . Attendance will be monitored through the INP application.

Attendance on exercises and work with doctors at the Department for Emergency Medicine is mandatory.

Exchanges for practice session dates are possible only with prior arrangement with the assistant or course leader. Absences must be compensated for by agreement with the assistant or course leader. Additional terms will be held during July and September 2024. The allowed limit of justified absences is 30%, with a medical certificate in case of illness.

Individual assignment in form of case report of two patient in whose treatment they participated is mandatory.

Group assignment in form of group seminar paper is mandatory.

All communication between students and faculty must be conducted exclusively through official AAI@edu.hr (or @uniri.hr) identities. The same applies to accessing the MS Teams channel.

Exam (exam taking, description of the written/oral/practical part of the exam, point distribution, grading criteria):

To successfully pass the course, you must:

- Attend practice sessions

- Write up two case studies (you will choose cases depending on the clinical cases you have the opportunity to see, as we cannot predict the pathology and cases we will deal with on that day :))

- Complete a group seminar paper.

Other notes (related to the course) important for students:

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COURSE HOURS 2022/2023
Emergency Medical Conditions I

List of lectures, seminars and practicals:

EXAM DATES (final exam):
