Faculty of Medicine in Rijeka

Curriculum
2022/2023

For course

Emergency Medical Conditions II

Study program:	**Medical Studies in English (R)** University integrated undergraduate and graduate study
Department:	**Department of Emergency Medicine**
Course coordinator:	**prof. dr. sc. Kovačević Miljenko, dr. med.**
Year of study:	**6**
ECTS:	**7**
Incentive ECTS:	**0 (0.00%)**
Foreign language:	**Possibility of teaching in a foreign language**

Course information:

The course Emergency Medical Conditions II is a mandatory course in the sixth year of the Integrated Undergraduate and Graduate University Study of Medicine in English and consists of 129 hours of exercises (7 ECTS). The course is held in the Emergency department of CHC Rijeka.

The aim and expected result of the course is to provide the student with the opportunity to become thoroughly familiarized with a patient who requires urgent surgical therapy. Continuing the knowledge previously acquired in other clinical professions, the student must clearly and constructively recognize the disease and the possibility of its surgical treatment. During the course, the student would become familiar with diagnostics, clinical condition of the patient and emergency surgical therapy within the framework of general surgery and surgical subspecialties.

After completing the course, the student, using previous and newly acquired knowledge in surgery, will be able to approach the patient, recognize his illness and offer in practice the best diagnostic tools and type of therapy (surgical, medicinal, combined).

The student will be able to recognize a surgical emergency, and provide emergency care and adequate triage quickly; in complicated rare cases, refer the patient to the appropriate subspecialist and cooperate with him in a qualified manner. These competencies include theoretical knowledge about the clinical picture, indications, contraindications, surgical approaches, possible intraoperative and postoperative complications; insight into diagnosis and treatment of injuries; performing primary wound treatment, admission of emergency surgical patients, assessment of burned and polytraumatized patients. As part of all newly acquired knowledge from the course, the student will be trained to recognize the most common emergencies that fall within the scope of maxillofacial surgery, otorhinolaryngology and ophthalmology. They will be able to see and recognize head, face and neck trauma, as part of the treatment of a polytraumatized patient, how viscerocranium and oral cavity injuries are treated. They will be able to recognize the seriousness of inflammatory conditions of the mouth, neck and face. Practical knowledge from this subject will build on all acquired theoretical and practical knowledge from pre-clinical and clinical subjects.

Classes are conducted in the form of exercises. The estimated duration of classes is during the entire academic year in the form of 12-hour shifts. During the exercises, the teacher demonstrates and supervises the active participation of the students in performing the exercises. Teachers discuss with students the specifics of performing a particular exercise. By completing all teaching activities, attending on-call duty, the student earns 7 ECTS points.

List of assigned reading:

Brunicardi F, Andersen D, Billiar T et al. Schwartz's Principles of Surgery. 10th edition. McGraw Hill, New York, 2015.

Sabiston Textbook of Surgery: the Biological Basis of Modern Surgical Practice Hardcover – 16 February 2021.

Gray's Surgical Anatomy 1st Edition

List of optional reading:

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Student obligations:

Attendance of 12-hour shifts and work with doctors in the Emergency department.

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

The criterion for passing the course is attendance at the scheduled 8 shifts and a seminar paper in which students must present one clinical case with diagnostic and therapeutic procedures. It is possible to exchange students on duty, but on a "one for one" basis due to space limitations of the Emergency department. On-call compensation is possible in reserve times.

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

Teaching contents and all information related to the course as well as exam dates are available on the website of the Department of Surgery.

COURSE HOURS 2022/2023

Emergency Medical Conditions II

List of lectures, seminars and practicals:

EXAM DATES (final exam):
