



UNIwersYTET  
Andrzeja Frycza Modrzewskiego  
w Krakowie

## Collegium Medicum Faculty of Medicine

### SUBJECT CARD

Field of studies: Medicine

Form of studies: Full-time course

Degree: long-cycle Master's program

Specializations: No specialization

Academic year: 2024/2025

Practical Clinical Training – EMERGENCY MEDICINE	
<b>SUBJECT NAME</b>	Practical Clinical Training – Emergency medicine
<b>NUMBER OF ECTS POINTS:</b>	4
<b>LANGUAGE OF INSTRUCTION</b>	English
<b>TEACHER(S)</b>	Persons employed in hospitals with which the University has signed contracts
<b>PERSON RESPONSIBLE</b>	dr. hab. Dariusz Plicner, Prof. UAFM
NUMBER OF HOURS:	
<b>INTERNSHIP:</b>	68 h (including 8 h of duties)
GENERAL OBJECTIVES	
<b>OBJECTIVE 1:</b>	Enabling students to apply in practice the previously acquired knowledge in the field of diagnosing the most common lifethreatening conditions and implementing appropriate procedures
<b>OBJECTIVE 2:</b>	Creating conditions for the acquisition and improvement of cognitive skills (interpretation of data, making medical decisions) and practical skills (performing simple diagnostic and therapeutic procedures)
<b>OBJECTIVE 3:</b>	Implementation of students to work in a team composed of representatives of various medical professions
LEARNING OUTCOMES	

**Practical Clinical Training – EMERGENCY MEDICINE**

<b>MK1</b>	Knowledge: The student gets acquainted with the organization of the emergency department and the rules of patient registration
<b>MK2</b>	The student knows the indications and principles of intensive therapy
<b>MK3</b>	The student knows the guidelines for cardiopulmonary resuscitation of newborns, children and adults
<b>MS1:</b>	Skills: The student is able to perform an ABCDE test on an adult, an examination of a child in a state of health emergency and a rapid trauma examination
<b>MS2:</b>	The student can assess a status of unconscious patient
<b>MS3:</b>	Depending on the situation the student diagnoses the symptoms of increasing intracranial pressure
<b>MS4:</b>	The student can perform airway management without an instrument
<b>MS5:</b>	The student can apply instrumental methods: oral-pharyngeal tube, nasal-pharyngeal tube, laryngeal tube, laryngeal mask airway, endotracheal intubation through the mouth, conicopuncture / emergency cricothyrotomy
<b>MS6:</b>	The student performs ventilation through a cuffed mask as well as mechanical ventilation
<b>MS7:</b>	The student acts according to the algorithm of the advanced rescue procedures
<b>MS8:</b>	The student can apply an oxygen treatment
<b>MS9:</b>	The student performs intramuscular and intravenous injections
<b>MS10:</b>	The student makes access to the circulatory system - peripheral puncture, intraosseous puncture
<b>MS11:</b>	The student collects venous, arterial and arterialized capillary blood
<b>MS12:</b>	The student is able to use the pulse-oxymetry
<b>MS13:</b>	The student takes part in the procedure of manual defibrillation and electrical cardioversion
<b>MS14:</b>	When needed the student performs exploration of the stomach, gastric lavage

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<b>MS15:</b>	The student can temporary immobilize a limb and select the best option for immobilization in typical clinical situations
<b>MS16:</b>	The student can immobilize a traumatized patient with the use of a cervical collar and an orthopedic board
<b>MS17:</b>	The student takes care of external bleeding
<b>MS18:</b>	<p>The student interprets results of the blood group test, cross match and anty-globulin tests</p> <p>The student assists at transfusion of blood and blood derivatives</p> <p>The student Is able to perform an anterior tamponade</p> <p>When possible the student performs incision and drainage of an abscess</p> <p>The student Is able to collect and secure specimen for laboratory tests</p> <p>The student assists at USG examination and its interpretation</p> <p>The student is able to choose the legal medical management when acting without a patient’s consent is needed</p>
<b>MS19:</b>	The student keeps patient’s medical record
<b>MC1:</b>	Social competences: The student demonstrates respect and care for patients
<b>MC2:</b>	The student reveals responsibility for assigned tasks and awareness of the own limits
<b>MC3:</b>	The student can cooperate with other members of the hospital team

**INTRODUCTORY REQUIREMENTS**

Possession of basic knowledge in the field of patient assessment, first aid, emergency medicine, traumatology, anesthesiology and intensive care, confirmed by passing exams in relevant subjects. Ability to perform a medical interview and examine patients of all ages.

**COURSE PROGRAM**

**DESCRIPTION**

<b>Internship</b>	Participation in a daily medical activities, Interviewing and examining the patients, Participation in the diagnostic and therapeutic process Performing minor procedures, Keeping medical records.
<b>Duty hours</b>	Accompanying the doctor on duty, examining patients, participating in the diagnostic and therapeutic process, performing minor procedures.

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**DIDACTIC METHODS  
(APPLIED)**

**DESCRIPTION**

Working with the patient in the ward and/or emergency room

**STUDENTS WORKLOAD:**

**CONTACT HOURS  
WITH THE ACADEMIC  
TEACHER**

68 h

**HOURS WITHOUT THE  
PARTICIPATION OF  
THE ACADEMIC  
TEACHER**

Preparation for classes: 20 h  
Preparation for the exam: 30 h

**TOTAL NUMBER OF  
HOURS FOR THE  
COURSE**

118 h

**CONDITIONS FOR COURSE COMPLETION**

The student is obliged to follow every day clinical duties, to implement the didactic plan recorded in the Student Diary of Clinical Training, practice the practical skills listed therein and diligently perform the tasks assigned to him.

The student records the activities performed in the Diary, and the acquired skills are confirmed by the signature of the supervisor. The student is expected to demonstrate a proper attitude towards patients and their relatives, as well as proper cooperation with other members of the therapeutic team.

Completion of the internship is confirmed by the direct supervisor's signature. The final credit is made by the person responsible for the course.

**METHODS OF ASSESSMENT:**

**IN TERMS OF  
KNOWLEDGE:**

The student's knowledge is checked on an ongoing basis during discussions with the direct supervisor of the practice

**IN TERMS OF SKILLS:**

Prolonged observation by the supervisor. OSCE exam at the end of the year.

**IN TERMS OF SOCIAL  
COMPETENCE:**

As above

**FORMATIVE:**

N.A.

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**SUMMATIVE (I & II)**

Assessment of knowledge including specialties covered by the Practical Clinical Training is carried out through the MCQ exam. The exam consists of 150 questions with 4 answer options, and one correct answer and covers the basics of all mandatory specialties included in Practical Clinical Training. The passing level is set at 55% of correct answers.

The summative assessment of practical skills has a form of Objective Structured Clinical Exam, which consists of 10 stations, including two with double tasks. Each of the stations is assessed according to its own criteria, and passing the entire exam requires passing of at least 8 stations, with the absolute requirement to pass the station testing skills in ALS.

**GRADING SCALE**

This is a pass course without a grade

**BASIC LITERATURE**

As stated in Subject Cards for: Assessment of Sufficiency of Life Critical Systems , First Aid, Emergency Medicine, Trauma Surgery, Anesthesiology and Intensive Care

**SUPPLEMENTARY LITERATURE**