



48SJ-EMME

ECTS:

YEAR: 2025L

**EMERGENCY MEDICINE
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**COURSE CONTENT
CLASSES**

1. A patient with a multi-organ trauma. Proceedings in the Hospital Emergency Department. The role of the Trauma Center in the care of the injured with multiple injuries. 2. Non-orthopedic dangers. Improving the ability to examine patients with isolated injuries, X-ray analysis and supplying fractures and dislocations. P-pain treatment. 3. Stomach pain. Bleeding to the gastrointestinal tract. Abdominal aortic aneurysm. Peritonitis. Diagnosis and proceedings in SKOR. 4. Emergency in neurology. Patient with consciousness disorders. Loss of consciousness - diagnostics in SOR. Stroke Headaches - differential diagnosis (SAH), p-pain treatments in SOR. 5. Respiratory disorders. Acute respiratory failure. Indications for respiratorotherapy. Non-invasive ventilation and its application in PPR. Exercising the skills of supplying the lower respiratory tract. 6. Acute poisoning - diagnostic possibilities in SOR, conduct. Cholinolytic, cholinergic, sympathomimetic toxicox. 7. Emergency conditions in children. Breathing disorders. Fainting diagnostics. Seizures. Child fever - diagnosis and procedure. 8 Child abuse. Preliminary diagnosis and supply of fractures in SOR. 9. ALS - sudden cardiac arrest. Special situations Anaphylactic shock. Hypothermia. Electrolyte disturbances. Flooding. Reversible causes of cardiac arrest. 10. Patient safety.

LECTURES

EDUCATIONAL OBJECTIVE:

To learn skilful and proper care of patients in emergencies. To learn the teamwork, decision making and how to work in stress and critical situations.

DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES

Codes of learning outcomes in a major field of study:	M/NM+++ , M/NMA_P7S_UW+ , M/NMA_P7S_WG+ ,
Codes of learning outcomes in a major area of study:	F.U10.+ , F.U20.+ , F.U21.+ , F.U22.+ , F.U3.+ , F.U4.+ , F.U5.+ , F.U7.+ , F.U8.+ , F.W1.+ , F.W10.+ , F.W16.+ , F.W7.+ , F.W8+ , K. 2.+ , K.3.+ , K.5+ , KA7_UW7+ , KA7_WG6+ ,

LEARNING OUTCOMES:

Knowledge

W1 - F.W1 causes, symptoms, principles of diagnostic and therapeutic procedures for the most common diseases requiring surgical intervention, both adults and children, in particular: 1) acute and chronic abdominal diseases, 2) chest diseases, 3) limb and head diseases, 4) bone fractures and organ injuries;
 W2 - F.W8 principles of functioning of the integrated system of Emergency Medical Services;
 W3 - F.W7. He knows the current guidelines for cardiopulmonary resuscitation of newborns, children and adults
 W4 - F.W.16 algorithm of management for individual stages of hypothermia accidental and post-traumatic hypothermia.
 W5 - F.W10. He possesses knowledge in the field of currently used imaging research, in particular he knows: radiological symptomatology of basic diseases, instrumental methods and imaging techniques used to perform therapeutic procedures, indications and contraindications, and preparation of patients for particular types of imaging examinations and contraindications to the use of catastrophic agents
 W6 - KA7_WG6 theoretical basis for the implementation of selected standard and complex procedures and medical skills;

Skills

U10 - null
 U10 - F.U.3 Applies to the principles of asepsis and antisepsis
 U2 - F.U10 Performs basic resuscitation procedures using an automatic external defibrillator and other rescue operations and first aid
 U3 - F.U21 assess the condition of the unconscious patient according to Glasgow Coma Scale
 U4 - F.U5. insert intravenous access
 U5 - F.U7 Evaluates the result of a radiological examination in the most common types of long bone fractures
 U6 - F.U8 Performs deadly immobilization of the limbs, chooses the kind of immobilization of the limb for use in typical clinical situations and controls the correctness of blood supply to the limb after the insertion of the immobilizing dressing.
 U7 - F.U4 sue a simple wound, apply and change a sterile surgical dressing
 U8 - F.U22. recognize the symptoms of increasing intracranial pressure
 U9 - KA7_UW7 identify sudden life-threatening states, perform basic and advanced patient life saving procedures

Social competence

K1 - K.3 Respects medical confidentiality and patient's rights.
 K2 - K.5 He is aware of his own limitations and the ability to constantly improve his skills.
 K3 - K.2 Guided by the good of the patient putting them in the first place.

BASIC LITERATURE

1) ERC, ERC GIUDLINES 2015", , wyd. ERC, 2015 ; 6) Tintinalli J., Tintinalli's Emergency Medicine, wyd.

Course/module:	
Emergency Medicine	
Fields of education:	
Course status:	mandatory
Course group:	B - przedmioty kierunkowe
ECTS code:	
Field of study:	Medicine
Specialty area:	Medicine
Educational profile:	General academic
Form of study:	full-time
Level of study:	uniform master's studies
Year/semester:	6 / 12
Type of course:	
Classes	
Number of hours per semester/week:	Classes: 60
Teaching forms and methods	
Classes(K1, K2, K3, U10, U10, U2, U3, U4, U5, U6, U7, U8, U9, W1, W2, W3, W4, W5, W6) :	
Form and terms of the verification results:	
CLASSES: Exam - null(K1, K2, K3, U10, U10, U2, U3, U4, U5, U6, U7, U8, U9, W1, W2, W3, W4, W5, W6)	
Number of ECTS points:	
Language of instruction:	Polish
Introductory courses:	
Anatomy , Physiology ,Pediatrics, Neurosurgery, Internal Medicine, Surgery, Diagnostic imaging, Orthopedics and Traumatology, Anaesthesiology and intensive care	
Preliminary requirements:	
basic information from the enumerated subjects	
Name of the organizational unit offering the course:	
Katedra Medycyny Ratunkowej,	
Person in charge of the course:	
dr n. med. Rakesh Jalali,	
Course coordinators:	
Notes:	

Detailed description of the awarded ECTS points - part B

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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	60 h.
- consultation	5 h.
	65 h.

2. Student's independent work:

-	15 h.
-	20 h.
	35 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 100 h : 25 h/ECTS = 4,00 ECTS
on average: **ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	2,60 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	-2,60 ECTS points,