

DESCRIPTION OF THE COURSE OF STUDY

Course code	0912-7LEK-C9.3-AD	
Name of the course in	Polish	Pomoc doraźna – praktyki wakacyjne
	English	Ambulatory care – holiday work placement

1. LOCATION OF THE COURSE OF STUDY WITHIN THE SYSTEM OF STUDIES

1.1. Field of study	Medicine
1.2. Mode of study	Full-time
1.3. Level of study	Uniform Master's study
1.4. Profile of study*	General academic
1.5. Specialization*	lack
1.6. Unit running the course of study	The Faculty of Medicine and Health Sciences
1.7. Person/s preparing the course description	lek. med. Jacek Lech
1.8. Person responsible for the course of study	lek. med. Jacek Lech
1.9. Contact	wnoz_ipp@ujk.edu.pl

2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

2.1. Affiliation with the module	Holiday work Placement
2.2. Language of instruction	English
2.3. Semesters in which the course of study is offered	4th
2.4. Prerequisites*	

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Practice 30 hours	
3.2. Place of classes	Practical classes	
3.3. Form of assessment	Credit with grade	
3.4. Teaching methods	Case study	
3.5. Bibliography	Required reading	1. Oxford Handbook of Accident and Emergency Medicine, Wyatt J.P., Iilingworth R.N., Clancy M.J., Munro P. Robertson, 2012 2. CPR guidelines 2015 from https://cprguidelines.eu/
	Further reading	1. International Trauma Life Support for Emergency Care Providers 7th ed, John Campbell, 2011

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p>4.1. Course objectives (<i>practice</i>)</p> <p>C1 Prepare students for the implementation of rescue workflow in certain life-threatening conditions. Shaping the ability to lead the rescue operation in a rescue team.</p> <p>C2 Prepare students to carry out medical activities as well as rescue and evacuation ones in the place of disaster, outside the zone of operations and interaction with other emergency services.</p>
<p>4.2. Detailed syllabus (<i>practice</i>)</p> <ol style="list-style-type: none"> 1. Gaining knowledge about characteristic of doctor work in emergency department. 2. Gaining knowledge about common pediatric and adult patients health problems, surgical, geriatric diseases and problems in emergency departments. 3. Getting knowledge about establishing appropriate patient-doctor-patient's family relationships and good relations with other workers 4. Getting knowledge about leading the emergency team. 5. Taking history form a patient and performing physical examination. 6. Evaluates the general condition of the patient, consciousness and awareness level.

<ul style="list-style-type: none"> 7. Evaluates and describing the somatic and psychiatric patients state. 8. Recognize life-threatening conditions. 9. Recognize alcohol, narcotics and other drug abuse. 10. Student is planning a diagnostic, therapeutic and preventive procedures. 11. Interprets laboratory test results and identifies cause of abnormalities. 12. Plans a procedures in case of possible blood-transmitted infection. 13. Mastering the skills of performing main doctor's procedures: <ul style="list-style-type: none"> a) measurments of body temperature, pulse rate, blood pressure and respiration rate b) subcutaneous, intravenous, intramuscular injection, getting venous catether, taking blood samples, c) getting swab from the nose, oral cavity, skin, thoracentesis d) getting and interpretation of the ECG e) measurments of blood glucose level by a glucometer

4.3 Education outcomes in the discipline

Code	A student, who passed the course	Relation to teaching outcomes
within the scope of ABILITIES:		
U01	conducts a review of medical history of the child and its family;	E.U2.
U02	conducts full and targeted physical examination of the adult patient;	E.U3.
U03	conducts physical examination of the child at any age;	E.U4.
U04	assesses patient's general condition, consciousness and awarenes;	E.U7.
U05	assesses and describes the somatic and mental state of patients;	E.U13.
U06	recognizes states of a direct threat to life;	E.U14.
U07	recognizes when a patient is under the influence of alcohol, drugs and other addictive products;	E.U15.
U08	plans diagnostic, therapeutic and preventive procedures;	E.U16.
U09	qualifies the patient for home treatment and hospitalization;	E.U20.
U10	interprets laboratory tests/results and identifies the reasons for deviations;	E.U24.
U11	plans treatment in the case of exposure to infection transmitted through blood;	E.U26.
U12	collects samples of material used in laboratory diagnostics;	E.U28.
U13	<p>performs basic medical procedures and treatments, including:</p> <ul style="list-style-type: none"> a) measurement of body temperature, pulse measurement, non-invasive blood pressure measurement, b) monitoring of vital signs using a cardio-monitor or pulse oximetry, c) spirometry, oxygen therapy, assisted and control mode ventilation d) introduction of the oropharyngeal tube, e) intravenous injection , intramuscular and subcutaneous injections, cannulation of peripheral veins, collection of peripheral venous blood, collection of arterial blood, collection arterialized capillary blood, f) collecting swabs from the nose, throat and skin, puncture of pleural cavity, g) catheterization of the urinary bladder in women and me, nasogastric intubation, gastric lavage, enema, h) standard electrocardiogram along with its interpretation, cardioversion and defibrillation of the heart, i) simple test strips and measuring the concentration of glucose in the blood; 	E.U29.
U14	assists when the following proceduces and medical treatments are performed:	E.U30.

	a) transfusions of blood and blood products, b) drainage of the pleural cavity, c) puncture of the pericardium, d) puncture of the peritoneal cavity, e) lumbar puncture, f) needle biopsy, g) epidermal tests, h) intradermal and scarification tests and interpret their results;	
U15	plans specialist consultations	E.U32.
U16	evaluates decubitus and applies appropriate dressings;	E.U35.
U17	acts correctly in the case of injuries (uses dressing or immobilization, stitches the wound);	E.U36.
U18	keeps medical records of the patient.	E.U38.
U19	assists during a typical surgery, prepares the surgical site and locally anesthetizes operated area;	F.U1.
U20	uses basic medical tools	F.U2.
U21	complies with the aseptic and antiseptic rules;	F.U3.
U22	manages simple wounds and changes sterile surgical dressing;	F.U4.
U23	uses peripheral venous catheter	F.U5.
U24	examines nipples, lymph nodes, thyroid gland and the abdominal cavity in terms of acute abdomen, and performs finger test through the anus;	F.U6.
U25	performs basic resuscitation with automated external defibrillator and other rescue activities and provides first aid;	F.U10.
U26	acts in accordance with the current algorithm of advanced life support activities;	F.U11.
U27	assesses the condition of the unconscious patient in accordance with applicable international scales;	F.U21.
U28	recognizes the symptoms of increasing intracranial pressure;	F.U22.
U29	applies legal regulations for the issuance of medical certificates for the needs of patients, their families and external institutions;	G.U4.
U30	tries to avoid medical errors in his/her own professional activities;	G.U6.
U31	collects blood for toxicological studies and secures the material for hemogenetic research in accordance with given principles	G.U7.
U32	observes patients' rights, including the right to protection of personal data, the right to privacy, the right to respect for dignity, the right to information about the state of health, the right to confidentiality of patient information, the right to give informed consent to treatment or withdrawal from it, the right for health benefits, , the right to report an adverse effect of medicinal product and the right to a dignified death	D.U14

4.4. Methods of assessment of the intended teaching outcomes																					
Teaching outcome	Exam oral/written*			Test*			Project*			Effort in class*			Self-study*			Others* Practical exam			Observation		
	Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes			Form of classes		
	L	C	...	L	C	...	L	C	...	L	C	...	Practice (hospital)			Practice (hospital)			Practice (hospital)		
...U01															+						+
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U031															+						+
U032															+						+

*delete as appropriate

4.5. Criteria of assessment of the intended teaching outcomes			The number of points
1.	Conducting medical interview.		0-10
2.	Conducting physical examination.		0-10
3.	Keeping the differential diagnosis of the most common diseases.		0-10
4.	Interpretation of laboratory tests.		0-10
5.	Assessment of patient condition.		0-10
6.	Planning diagnostic, preventive and therapeutic proceedings as well as specialist consultations.		0-10
7.	Execution of the procedures and medical treatments.		0-10
8.	Take preventive and curative activities in a life-threatening situation.		0-10
9.	Keeping good medical records.		0-10
10.	Ethical and legal aspects of treatment (communication with patients, compliance with professional secrecy, cooperation with the team, a critical analysis of their own activities, identification with the professional role)		0-10
		Total	100
	Satisfactory		51-60
	More than satisfactory		61-70
	Good		71-80
	More than good		81-90
	Very good		91-100
Evaluation methods			
Daily clinical assessment (evaluation procedure for each procedure)	A single direct observation (observation while receiving one patient)	Long-term observation (total evaluation of many aspects of competence for a long time)	Self-assessment of student
		X	X
Overview of record (stimulated assessment based on the patient card)	Critical summation assessment of the task (use of biomedical knowledge in making optimal decisions)	360-Degree Assessment (evaluation by members of the clinical team and patients)	Triple Jump Exercise -TJE: 1. gathering medical information 2. description of actions 3. oral exam
X		X	
The Clinical Competency Examination – performance of certain tasks and procedures in a patient in a clinical conditions)	Objective Structured Clinical Examination (OSCE)	Other Assessment Methods	

5. BALANCE OF ECTS CREDITS – STUDENT’S WORK INPUT

Category	Student's workload
	Full-time studies
<i>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</i>	30
<i>Participation in lectures*</i>	
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/final test*</i>	
<i>Others*</i>	
<i>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</i>	
<i>Preparation for the lecture*</i>	
<i>Preparation for the classes, seminars, laboratories*</i>	
<i>Preparation for the exam/test*</i>	
<i>Gathering materials for the project/Internet query*</i>	
<i>Preparation of multimedia presentation</i>	
<i>Others*</i>	
TOTAL NUMBER OF HOURS	30
ECTS credits for the course of study	1

Accepted for execution (date and signatures of the teachers running the course in the given academic year)

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