

DESCRIPTION OF THE COURSE OF STUDY

Course code	0912-7LEK-C9.4-I	
Name of the course in	Polish	Choroby wewnętrzne – praktyki wakacyjne
	English	Internal diseases - 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*	practical
1.5. Specialization*	lack
1.6. Unit running the course of study	Faculty of Medicine and Health Sciences
1.7. Person/s preparing the course description	prof. dr hab. n. med. Marianna Janion
1.8. Person responsible for the course of study	prof. dr hab. n. med. Marianna Janion
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	6th
2.4. Prerequisites*	Passing classes with internal diseases

3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

3.1. Form of classes	Summer internships	
3.2. Place of classes	Learning practical skills in a clinical environment	
3.3. Form of assessment	Credit with grade	
3.4. Teaching methods	Case study	
3.5. Bibliography	Required reading	1. Harrison's Principles of Internal Medicine, Vol. 1 & Vol. 2; 19th Edition. Authors: Longo, Dan; Fauci, Anthony; Jameson, J.; Hauser, Stephen; Kasper, Dennis; Loscalzo, Joseph; 2. Podstawy badania klinicznego / Basics in Clinical Examination. Piotr Zaborowski. 2016
	Further reading	1. Kumar and Clark's Clinical Medicine, 8th or 9th Edition by Parveen Kumar, Michael L Clark. 2. Bates' Guide to Physical Examination and History-Taking by Lynn Bickley, Lippincott Williams & Wilkins 2012

4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p>4.1. Course objectives (practice) Knowledge transfer in the field of internal medicine Preparing the student to:</p> <ul style="list-style-type: none"> • independent planning a diagnostic procedure and interpreting its results; • conducting a differential diagnosis • planning therapeutic procedure and predicting the consequences of the actions planned in hospital and ambulatory environment. <p>Building practical skills in the field of interviewing, physical examination, internal medicine symptomatology, conducting basic diagnostic tests Development of attitude:</p> <ul style="list-style-type: none"> • in relationships: doctor – patient, doctor – therapeutic team • ethical attitude according to ethical rules <p>complying with legal regulations</p>
<p>4.2. Detailed syllabus (practice)</p> <ol style="list-style-type: none"> 1. Student takes medical history from adult patient and performance full physical examination. 2. Evaluates and describing the somatic and psychiatric patients state. 3. Evaluates and describing the somatic and psychiatric patients state. 4. Student recognizes life-threatening conditions and alcohol, narcotics and other drug abuse.

5. Student plans diagnostic, therapeutic and preventive procedures. Analyze possible side effects of therapy and drug interactions. Proposes individualization of actual guidelines and another treatment in case of non-response to drug. Student qualifies patients to hospital treatment.
6. Interprets laboratory test results and identifies cause of abnormalities.
7. Student plans a clinical nutrition (including enteral administration and parenteral nutrition). Plans a procedures in case of possible blood-transmitted infection.
8. Student takes samples for various laboratory tests.
9. Performs main doctor's procedures:
 - a) measurements of body temperature, pulse rate, blood pressure and respiration rate
 - b) monitoring of vital parameters by a cardiac monitor and heart rate monitor
 - c) performing spirometry test, oxygen treatment
 - d) using oropharyngeal airway
 - e) subcutaneous, intravenous, intramuscular injection, getting venous catheter, taking blood samples,
 - f) getting swab from the nose, oral cavity, skin, thoracentesis
 - g) urinary catheterization (female and male), gastric lavage,
 - h) getting and interpretation of the ECG, electric cardioversion, defibrillation
 - i) measurements of blood glucose level by a glucometer
10. Student plans basic treatment in acute poisoning.
11. Monitors state of patient poisoned by a chemical substances or drugs. Identifies agony and patient's death
12. Runs a patient's medical documentation
13. Works using aseptic and antiseptic principles.
14. Student gets venous catheters, examines breasts, lymph nodes, thyroid gland and abdomen, performs rectal examination, performs basic life support (BLS) using defibrillator and other emergency procedures. Student tries not to make any mistakes in his actions.

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 adult patient;	E.U1.
U02	conducts full and targeted physical examination of the adult patient	E.U3.
U03	assesses patient's general condition, consciousness and awareness;	E.U7.
U04	performs differential diagnosis of the most common diseases in adults and children	E.U12.
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	conducts analysis of the potential side effects of each drug and the interaction between them;	E.U17.
U10	proposes individualization of existing guidelines and other therapeutic treatments in the case of non-effectiveness of or contraindications to standard therapy;	E.U18.
U11	recognizes signs of drug dependency and proposes a treatment procedure;	E.U19.
U12	qualifies the patient for home treatment and hospitalization;	E.U20.
U13	defines states in which functional status of the patient's or his/her preferences restrict the treatment in accordance with specific guidelines for the disease;	E.U21.
U14	interprets laboratory tests/results and identifies the reasons for deviations;	E.U24.
U15	applies dietary treatment (including enteral and parenteral feeding);	E.U25.
U16	plans treatment in the case of exposure to infection transmitted through blood;	E.U26.
U17	collects samples of material used in laboratory diagnostics	E.U28.
U18	performs basic medical procedures and treatments, including: <ol 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.U29.

	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;	
U19	implements the basic therapeutic procedure in acute poisoning;	E.U33.
U20	monitors the status of a patient poisoned by chemical substances or drugs;	E.U34.
U21	recognizes the agony of the patient and pronounces him/her dead;	E.U37.
U22	keeps medical records of the patient.	E.U38.
U23	complies with the aseptic and antiseptic rules;	F.U3.
U24	uses peripheral venous catheter;	F.U5.
U25	examines nipples, lymph nodes, thyroid gland and the abdominal cavity in terms of acute abdomen, and performs finger test through the anus;	F.U6.
U26	performs basic resuscitation with automated external defibrillator and other rescue activities and provides first aid;	F.U10.
U27	tries to avoid medical errors in his/her own professional activities;	G.U6.
U28	collects blood for toxicological studies and secures the material for hemogenetic research in accordance with given principles.	G.U7.
U29	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)	Practice (hospital)	
...U01														+			+
U02														+			+
U03														+			+
U04														+			+
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U017														+			+
U018														+			+
U019														+			+

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

Category	Student's workload
	Full-time studies
NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/	120
<i>Participation in lectures*</i>	
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/ final test*</i>	
<i>Others*</i>	
INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/	
<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	120
ECTS credits for the course of study	4

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

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