

## DESCRIPTION OF THE COURSE OF STUDY

<b>Course code</b>	<b>0912-7LEK-C9.2-O</b>	
<b>Name of the course in</b>	Polish	<b>Lecznictwo otwarte</b>
	English	<b>Out-patient health care</b>

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

<b>1.1. Field of study</b>	Medicine
<b>1.2. Mode of study</b>	Full-time
<b>1.3. Level of study</b>	Uniform Master's studies
<b>1.4. Profile of study*</b>	practical
<b>1.5. Specialization*</b>	Lack
<b>1.6. Unit running the course of study</b>	Faculty of Medicine and Health Sciences
<b>1.7. Person/s preparing the course description</b>	Dr n. med. Przemysław Wolak
<b>1.8. Person responsible for the course of study</b>	Dr n. med. Przemysław Wolak
<b>1.9. Contact</b>	wnoz_ipp@ujk.edu.pl

### 2. GENERAL CHARACTERISTICS OF THE COURSE OF STUDY

<b>2.1. Affiliation with the module</b>	Clinical teaching and practice
<b>2.2. Language of instruction</b>	English
<b>2.3. Semesters in which the course of study is offered</b>	4 <sup>th</sup> semester
<b>2.4. Prerequisites*</b>	Passing classes of pediatrics and internal medicine

### 3. DETAILED CHARACTERISTICS OF THE COURSE OF STUDY

<b>3.1. Form of classes</b>	<b>Practice: 90 hours</b>	
<b>3.2. Place of classes</b>	Practical classes	
<b>3.3. Form of assessment</b>	<b>Credit with grade</b>	
<b>3.4. Teaching methods</b>	Case study	
<b>3.5. Bibliography</b>	<b>Required reading</b>	1) Steciwko A.(ed.): Practical skills for primary care physicians: Academia Medica Wratislaviensis, Wrocław 2011
	<b>Further reading</b>	2) Rakel Robert E., Rakel David P. : Textbook of Family Medicine: Expert Consult-Online and Print, 8th edition. Elsevier & Saunders 2011 3) Rakel Robert E.: Essential Family Medicine. 3rd edition. Wyd. Saunders 2006.

### 4. OBJECTIVES, SYLLABUS CONTENT AND INTENDED TEACHING OUTCOMES

<p><b>4.1. Course objectives (practice)</b></p> <p>C1 to gain knowledge about the specifics of the profession as a doctor</p> <p>C2 to gain knowledge about the most common pediatric problems of adulthood, surgical and geriatric problems as well as problems related to the family and the environment occurring in primary care</p> <p>C3 to acquire skills of effective communication with both the patient and his family</p> <p>C4 to acquire skills that help to develop and manage the practice of a family doctor</p> <p>C5 to be prepared to work in the POZ clinic</p> <p>C6 to develop the correct doctor attitude towards the patients under the care of POZ</p>
<p><b>4.2. Detailed syllabus (practice)</b></p> <ol style="list-style-type: none"> <li>1. Gaining knowledge about characteristic of family doctor work.</li> <li>2. Gaining knowledge about common pediatric and adult patients health problems, geriatric diseases and problems connected with family and environment.</li> <li>3. Getting knowledge about establishing appropriate patient-doctor-patient's family relationships and good relations with other workers</li> <li>4. Taking history from a patient and performing physical examination.</li> <li>5. Evaluates the general condition of the patient, consciousness and awareness level.</li> <li>6. Compare antropometric and blood level measurements to percentile scales.</li> <li>7. Mastering the skills of performing main doctor's procedures:             <ol style="list-style-type: none"> <li>a) measurements of body temperature, pulse rate, blood pressure and respiration rate</li> <li>b) subcutaneous, intravenous, intramuscular injection, getting venous catheter, taking blood samples,</li> <li>c) getting swab from the nose, oral cavity, skin, thoracentesis</li> </ol> </li> </ol>

- d) getting and interpretation of the ECG
- e) measurements 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 <b>ABILITIES:</b>		
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	assesses patient's general condition, consciousness and awareness;	E.U7.
U04	makes relations between anthropometric measurements and blood pressure with data in growth charts;	E.U9.
U05	assesses the stage of puberty;	E.U10.
U06	conducts checkups for children;	E.U11.
U07	performs differential diagnosis of the most common diseases in adults and children;	E.U12.
U08	assesses and describes the somatic and mental state of patients	E.U13.
U09	recognizes states of a direct threat to life	E.U14.
U10	plans diagnostic, therapeutic and preventive procedures;	E.U16.
U11	qualifies the patient for home treatment and hospitalization	E.U20.
U12	interprets laboratory tests/results and identifies the reasons for deviations;	E.U24.
U13	plans treatment in the case of exposure to infection transmitted through blood;	E.U26.
U14	collects samples of material used in laboratory diagnostics	E.U28.
U15	performs basic medical procedures and treatments, including: 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.
U16	assists when the following procedures and medical treatments are performed: 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;	E.U30.
U17	plans specialist consultations	E.U32.
U18	keeps medical records of the patient	E.U38.
U19	complies with the aseptic and antiseptic rules;	F.U3.
U20	uses peripheral venous catheter;	F.U5.
U21	examines nipples, lymph nodes, thyroid gland and the abdominal cavity in terms of acute abdomen, and performs finger test through the anus;	F.U6.
U22	performs basic resuscitation with automated external defibrillator and other rescue activities and provides first aid;	F.U10.
U23	tries to avoid medical errors in his/her own professional activities;	G.U6.
U24	collects blood for toxicological studies and secures the material for hemogenetic research in accordance with given principles.	G.U7.
U25	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	D.U14

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

#### 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)	Practice (hospital)	Practice (hospital)	
U01																			+
U02																			+
U03																			+
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U24																			+
U25																			+

\*delete as appropriate

#### 4.5. Criteria of assessment of the intended teaching outcomes

		The number of points
1.	Conducting the medical history	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 proceedings, prophylactic, therapeutic and specialist consultations	0-10
7.	Performance of procedures and medical treatments	0-10

8.	Take preventive and curative action in a life-threatening situation	0-10	
9.	Keeping 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, and identification with the professional role)	0-10	
	<b>Total</b>	<b>100</b>	
	satisfactory	51-60	
	more than satisfactory	61-70	
	good	71-80	
	more than good	81-90	
	very good	91-100	
<b>Evaluation methods</b>			
Daily clinical assessment (evaluation procedure for each procedure)	A single direct observation (observation while admitting one patient)	Long-term observation (total evaluation of many aspects of competence for a long time)	student self-assessment
X	X	X	X
Overview of the record (stimulated assessment based on the patient's card)	Critical summation assessment tasks (use of biomedical knowledge in making optimal decisions)	360-Degree assessment (evaluation by members of the clinical team and patients)	Develop triplejump (TripleJump Exercise -TJE): 1. Gathering medical history and examination of the patient 2. description of the activities 3. oral exam
The Clinical Competency Examination – performance of certain tasks and procedures in a patient in a clinical setting	Objective Structured Clinical Examination (OSCE)	Other methods of assessment	

#### 5. BALANCE OF ECTS CREDITS – STUDENT'S WORK INPUT

Category	Student's workload
	Full-time studies
<b>NUMBER OF HOURS WITH THE DIRECT PARTICIPATION OF THE TEACHER /CONTACT HOURS/</b>	<b>90</b>
<i>Participation in lectures*</i>	
<i>Participation in classes, seminars, laboratories*</i>	
<i>Preparation in the exam/ final test*</i>	
<i>Others*</i>	
<b>INDEPENDENT WORK OF THE STUDENT/NON-CONTACT HOURS/</b>	
<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>	
<b>TOTAL NUMBER OF HOURS</b>	<b>90</b>
ECTS credits for the course of study	<b>3</b>

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

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