



Syllabus, academic year 2017/2018															
Description of the course															
Course Name:		Practical Clinical Teaching – chosen specialty: internal diseases				Group of detailed education results									
						Group code (E or F): E		Group name: non-interventional clinical sciences							
Faculty		Medicine													
Major		Medicine													
Specialties		not applicable													
Level of studies		X Uniform magister studies													
Form of studies		X full-time X part-time													
Year of studies:		VI				Semester:		X summer (april/may)							
Type of course		X obligatory													
Course		X major													
Language of instruction		<input type="checkbox"/> Polish X English <input type="checkbox"/> other													
* mark <input type="checkbox"/> with an X															
Number of hours															
Form of education															
Unit teaching the course:		Lectures (L)	Seminars (SE)	Auditorium Classes (AC)	Major classes - not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions (CSC)	Practical Classes with Patient (PCP)	Specialist Classes – master studies (SCM)	Foreign language Course (FLC)	Physical Education obligatory (PE)	Vocational Practice (VP)	Self-Study (Student's own work) (SS)	E-learning (EL)
Winter semester:						Not applicable									
Summer semester:						180									
Total per year:						180									
Educational objectives: (max. 6 items)															
C1. Introduction to the principles of management of endocrine disorders.															
C2. Participation in a medical visit during the ward round. Assistance in the fine needle thyroid biopsy and interpretation of biopsy results according to the Bethesda System.															
C3. Participation in the admissions of patients to the Endocrinological Outpatient Clinic, endocrine care under one-day procedure patients. Performing thyroid gland ultrasonography.															
C4. Participation in and appropriate interpretation of the results of: thyroid scintigraphy, parathyroid glands scintigraphy (including the SPECT-CT), bone densitometry, magnetic resonance of pituitary gland. Interpretation of basal and dynamic tests.															
Education results matrix for course in relation to verification methods of the intended education result and the type of class :															
Number of course education result	Number of major education (E or F group)	Student who completes the course knows/ is able to Please enter from 5 to max. 7 education results – examples of verbs defining the education result in the scope of student's knowledge: uses, performs, resolves				Methods of verification of intended education results (forming and summarising)				Form of didactic class ** enter the abbreviation					
U 01 U 02	E.U3	Demonstrate the ability to perform physical examination of endocrinological patient.				Discussion, oral exam				CC					
U03	E.U1	Demonstrate the ability to take medical history from endocrinological patient.				Discussion, oral exam				CC					
U.04 U.05	E.U18	Demonstrate the ability to individualise the therapy according to medical guidelines, in case of side effects or contraindications to standard therapy				Discussion, oral exam Discussion, oral exam				CC CC					
	E.U24	Interpret appropriately basal and dynamic hormonal tests. Perform medical procedures in endocrinological patients.				Discussion , oral exam				CC					



U.06	E.U29	Demonstrate the ability to investigate suspected endocrinological diseases.	Discussion, oral exam	CC
<p>** L - lecture; SE - seminar; AC – audytorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (master studies); CSC – classes in simulated conditions; FLC – foreign language course; PCP – practical classes with patient; PE – physical education (obligatory); VP- vocational practice; SS – self-study; EL- E-learning.</p>				
<p>Please mark on scale 1-5 how the above effects place your classes in the following categories: communication of knowledge, skills or forming attitudes: Skills: 5</p>				
Student's amount of work (balance of ECTS points):				
Student's workload (class participation, activity, preparation, etc.)			Student Workload (h)	
1. Contact hours:			180	
2. Student's own work (self-study):			90	
Total student's workload			270	
ECTS points for course			13,0	
Comments				
Content of classes (please enter topic words of specific classes divided into their didactic form and remember how it is translated to intended educational effects))				
Lectures – not applicable				
Seminars – not applicable				
Classes				
1. Basal elements of physical examination of endocrinological patients. Participation in a medical visit during ward round. Participation in multidisciplinary team discussions. Performance and interpretation of basal and dynamic hormonal tests.				
2. Workshop in Outpatient Clinic, specific elements of endocrinological diagnostic procedures and care under one-day procedure patient.				
3. Diagnostic procedures in endocrinological diseases: thyroid scintigraphy (with technetium and iodide), parathyroid scintigraphy (including SPECT-CT), bone densitometry. Appropriate interpretation of magnetic resonance of pituitary gland.				
4. Fine needle thyroid biopsy. Interpretation of biopsy results according to the Bethesda System. Guidelines on diagnostics and management of thyroid carcinoma. Thyroid ultrasonography.				
5. Management of emergency cases – algorithms and guidelines of Endocrine Society in management of patients with hypocalcemia, hypercalcemia, hypometabolic and hypermetabolic state, adrenal crisis.				
6. Acute care of diabetes patients – management of hypoglycemia, diabetic ketoacidosis, hyperglycemic-hyperosmolar state – algorithms of Polish Diabetes Association and American Diabetes Association.				
Other - etc....				
Basic literature: (list according to importance, no more than 3 items) Not applicable				
Additional literature and other materials: (no more than 3 items) Not applicable				
Didactic resources requirements: (e.g. laboratory, multimedia projektor, other...) Not applicable				
Preliminary conditions: (minimum requirements to be met by the student before starting the course) Not applicable				
Conditions to receive credit for the course (specify the form and conditions of receiving credit for classes included in the module/course, admission terms to final theoretical or practical examination, its form and requirements to be met by the student to pass it and criteria for specific grades)				
Active participation in classes and test of practical skills				
Grade:		Criteria: (only for courses/module ending with an examination)		



Very good (5,0)	Not applicable
Above good (4,5)	
Good (4,0)	
Sufficiently good (3,5)	
Sufficient (3,0)	

Name of unit teaching course:	
Address	Department of Endocrinology, Diabetes and Isotope Therapy, Pasteura 4 Str., 50-367 Wrocław
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Person responsible for course:	Justyna Kuliczowska-Plaksej
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<i>List of persons conducting specific classes:</i>	<i>degree/scientific or professional title</i>	<i>Discipline</i>	<i>Performer profession</i>	<i>Form of classes</i>
Marek Bolanowski	Professor	Internal medicine, endocrinology	physician; endocrinologist, u.t.	CC
Jacek Daroszewski	Professor	Internal medicine, endocrinology, diabetology	physician; endocrinologist; diabetologist, u.t.	CC
Justyna Kuliczowska-Plaksej	MD, PhD	Internal medicine, endocrinology	physician; endocrinologist, u.t.	CC
Katarzyna Zawadzka	MD, PhD	Internal medicine	physician; u.t.	CC
Aleksandra Jawiarczyk-Przybyłowska	MD, PhD	Internal medicine, endocrinology	physician; endocrinologist, u.t.	CC
Jowita Halupczok-Zyla	Doctorant	Endocrinology	physician; u.t.	CC
Aleksandra Zdrojowy-Welna	Doctorant	Endocrinology	physician; u.t.	CC
Anna Brona	MD, PhD	Internal medicine, endocrinology	physician; u.t.	CC
Marcin Kaluzny	MD, PhD	Internal medicine, endocrinology, diabetology	Physician; endocrinologist, diabetologist; u.t.	CC
Eliza Kubicka	MD, PhD	Internal medicine, endocrinology	Physician, endocrinologist; u.t.	CC
Lukasz Gojny	Doctorant	Endocrinology	Physician; u. t.	CC

Date of Syllabus development

12.02.18 r.

Syllabus developed by

Signature of Head of teaching unit

Signature of Faculty Dean

Wrocław Medical University
FACULTY OF MEDICINE
VICE-DEAN FOR STUDIES IN ENGLISH
Prof. Andrzej Hendrich, PhD

KATEDRA I KLINIKA ENDOCRINOLOGII,
DIABETOLOGII I LECZENIA IZOTOPAMI
prof. dr hab. med. Marek Bolanowski