



Syllabus, academic year 2019/2020

Description of the course

Course Name: Neurology	Practical Clinical Teaching – chosen specialty: Neurology	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 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 <input checked="" type="checkbox"/> English <input type="checkbox"/> other		

* mark 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)
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Winter semester:

Not applicable					Not applicable									
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Summer semester:

Department of Neurology					180									
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Total per year:

Department of Neurology					180									
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Educational objectives: (max. 6 items)

- Getting students familiar with patients' conduction in the neurological department, with subjective and objective neurological examination, diagnostic and therapeutic procedures in the central and peripheral nervous system.
- Getting students familiar with basic knowledge of neurophysiological examinations (EEG, EMG, EP).
- Practical abilities to conduct patient's medical documentation in the neurological department, and for national therapeutic programs.

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
S 01	E.U.1	Conducts medical history with adult patient	Oral presentation, practical examination	CC
S 02	E.U.3	Conducts the whole and directed physical examination	Oral presentation, practical examination	CC
S 03	E.U.7	Estimates general clinical status, status of consciousness and awareness of the patient	Oral presentation, practical examination	CC
S 04	E.U.13	Estimates somatic and psychiatric status of the patient	Oral presentation, practical examination	CC
S 05	E.U.14	Recognizes state direct threat to life	Oral presentation, practical examination	CC
S 06	E.U.15	Recognizes abuse state after alcohol, narcotics, and other	Oral presentation, practical examination	CC



S 07	E.U.16	Plans diagnostic, therapeutic and profilactic procedures	Oral presentation, practical examination	CC
S 08	E.U.17	Conducts analysis of side effects, and drugs' interactions	Oral presentation, practical examination	CC
S 09	E.U.24	Interprets laboratory results, identifies the causes of the deviations	Oral presentation, practical examination	CC
S 10	E.U.25	Conducts nutritional therapy (enteral, and parenteral nutrition)	Oral presentation, practical examination	CC
S 11	E.U.29a	Body temperature, heart rate, noninvasive blood pressure estimation	Oral presentation, practical examination	CC
S 12	E.U.29b	Vital signs monitoring	Oral presentation, practical examination	CC
S 13	E.U.30c	Assists the procedures: lumbar puncture	Oral presentation, practical examination	CC
S 14	E.U.32	Plans specialistic consultations	Oral presentation, practical examination	CC
S15	E.U.37	Recognizes agony, states the death	Oral presentation, practical examination	CC
S16	E.U.38	Conducts medical documentations	Oral presentation, practical examination	CC

** L - lecture; SE - seminar; AC - auditorium 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.

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

Knowledge: 5

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	10,0
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. Subjective and objective neurological examination
2. Planning of therapeutic procedures, and specialistic consultations
3. Interpretation of diagnostic procedures
4. Planning, and monitoring therapy
5. Conduction of medical documentations
6. Patient with stroke – conduction in the stroke unit
7. patient with chronic neurological disorders (multiple sclerosis, Parkinson's disease, myasthenia gravis, radiculopathy), national therapeutic programs
8. Electroencephalography – basic knowledge of performing, and results' interpretation
9. Multimodal evoked potentials - basic knowledge of performing, and results' interpretation
10. Electromyography and neurography - basic knowledge of performing, and results' interpretation



11. Ultrasonography in neurology - basic knowledge of performing, and results' interpretation
12. Neuropsychological examination - basic knowledge of performing, and results' interpretation

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, criteria 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).
Each absence must be made up, including rector's days or dean's hours.

Active participation in classes and test of practical skills. Each absence could be made up for the whole academic year, e.g. on teachers' duties.

Grade:	Criteria for course
Very good (5,0)	knowledge and skills of neurological issues above-standard
Above good (4,5)	knowledge and skills as above, not very important shortages
Good (4,0)	knowledge and skills of basic neurological issues, without ability to present extended knowledge and skills
Sufficiently good (3,5)	knowledge and skills are only basic, the interpretation of neurological phenomena is correct
Sufficient (3,0)	knowledge and skills are minimal without making a mistake of the basic neurological meaning

Name of unit teaching course:	Department of Neurology
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Person responsible for course:	Prof. Sławomir Budrewicz
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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>
Anna Pokryszko-Dragan	MD, PhD, post-doctoral	neurology	physician	clinical classes
Magdalena Koszewicz	MD, PhD, post-doctoral	neurology	physician	clinical classes
Marta Nowakowska-Kotas	MD, PhD	neurology	physician	clinical classes
Mieszko Zagrajek	MD, PhD	neurology	physician	clinical classes
Ewa Koziarowska-Gawron	MD, PhD	neurology	physician	clinical classes
Justyna Oziom	Graduate student	neurology	physician	clinical classes
Natalia Madetko	Graduate student	neurology	physician	clinical classes
Jakub Ubysz	Graduate student	neurology	physician	clinical classes
Paulina Papier	Graduate student	neurology	physician	clinical classes
Jakub Ubysz	Graduate student	neurology	physician	Clinical



				classes
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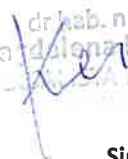
Date of Syllabus development

Syllabus developed by

16.06.2019.

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dr hab. n. med.
Magdalena Koszewicz



Magdalena Koszewicz.

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

Uniwersytet Medyczny we Wrocławiu
KATEDRA NEUROLOGII
KLINIKA NEUROLOGII
Kierownik



dr hab. Sławomir Budrewicz, prof. nadzw.