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Syllabus for academic year: 2021/2022													
Training cycle: 2019/2020- 2023/2024													
Description of the course													
Course	Neurology								Group of detailed education results				
									Group code E	Group name General Clinical Sciences (Non- Surgical)			
Faculty	Dentistry												
Major	dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time												
Year of studies	III							Semester:	X winter				
Type of course	X obligatory												
Language of study	X English												
Number of hours													
Form of education													
	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)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
<b>Winter semester:</b>													
Department of Neurology													
Direct (contact) education					15								
Distance learning													
<b>Educational objectives</b>													
C1. Getting students familiar with methodology of neurological examination, diagnostic procedures in central and peripheral nervous system diseases.													
C2. Getting students familiar with different groups of neurological disorders and therapeutic possibilities according to the newest scientific data.													
C3. Practical application of the theoretical knowledge													



Education result for course in relation to verification methods of the intended education result and the type of class:			
Number of detailed education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class <i>*enter the abbreviation</i>
EW1	In terms of knowledge the graduate knows and understands the relationship between morphological abnormalities and the function of changed organs and systems and between clinical symptoms and diagnostic and treatment options;	Oral credit	CC
E.W2	In terms of knowledge the graduate knows and understands the basic methods for conducting a medical examination and the role of additional tests in diagnosis, monitoring, prognosis and prevention of organ and systemic disorders, with a particular emphasis on their effects on oral tissues	Oral credit	CC
E.W6	In terms of knowledge the graduate knows and understands the neurological effects of chronic drug use	Oral credit	CC
EW18	In terms of knowledge the graduate knows and understands life-threatening situations	Oral credit	CC
EW20	In terms of knowledge the graduate knows and understands the cases where the patient should be referred to a hospital	Oral credit	CC
EU.1	perform differential diagnosis of the most common diseases	Passing a clinical procedure	CC
E.U.2	assess and describe the somatic and psychological state of the patient	Passing a clinical procedure	CC
EU.3	plan diagnosis and therapy for the most common diseases	Passing a clinical procedure	CC
EU.10	In terms of skills the graduate is able to recognize symptoms of brain injury and cerebrovascular diseases, dementia and disorders of consciousness	Passing a clinical procedure	CC
EU.11	In terms of skills the graduate is able to diagnose head and facial pain and neurological diseases of adults and children which pose problems in dental practice	Passing a clinical procedure	CC
EU.17	In terms of skills the graduate is able to recognize diseases related to nicotine dependence, alcoholism and other addictions;	Passing a clinical procedure	CC





K 01	the student actively participates in the diagnostic process, and takes part in the therapy estimation	Passing a clinical procedure	CC
K 02	Formulating conclusions from own observations and measurements	Passing a clinical procedure	CC

\* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning

**Student's amount of work (balance of ECTS points):**

Student's workload (class participation, activity, preparation, etc.)	Student Workload
1. Number of hours of direct contact:	15
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	15
4. Number of hours of directed self-study	
Total student's workload	30
ECTS points for course	1

**Content of classes:**

**Classes**

1. Neurological examination and interpretation -5
2. Vascular diseases of CNS – 1.5h
3. CNS infections – 1.5h
4. Epilepsy -1.5h
5. Multiple sclerosis 1.5h
6. Neurodegenerative disorders: Parkinson disease, Alzheimer disease – 1.5h
7. Peripheral nerve disorders: polyneuropathy, motor neuron disease -1.5h
8. Muscle disorders (myopathy) and neuromuscular junction disorders (myasthenia gravis) -1h

**Basic literature:**

1. Mattle H., Mumenthaler M. Fundamentals of Neurology. Thieme, 2016
2. Burneo J., et al. Neurology. Springer, New York, 2011

**Additional literature and other materials:**

1. Weiner H. L., Levitt L. P.: Neurology, William and Wilkins, 2008

**Preliminary conditions:**

Credits for previous subjects: human anatomy, physiology (I year), biochemistry (II year).

**Conditions to receive credit for the course:**

During the oral credit the assessment includes: the knowledge of the issues, interpretation of the results, substantive and terminological mistakes. Each absence could be made up for the whole academic year during classes, and the teachers' duties. The credit could be performed in the distance learning form



according to the special Rector's order.

**Criteria for courses ending with a credit**

Credit	<b>Oral credit – student recognizes</b> symptoms of brain injury and cerebrovascular diseases, dementia and disorders of consciousness, neurological diseases which pose problems in dental practice, interprets the results of the neurological examination and auxiliary studies, does not make substantive and terminological mistakes.
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<b>Unit realizing the course:</b>	Department of Neurology Wrocław Medical University
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<b>Person responsible for the course:</b>	Dr hab. Sławomir Budrewicz, Prof. UM
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<b>E-Mail:</b>	slawomir.budrewicz@umed.wroc.pl

**List of persons conducting specific classes:**

Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Anna Pokryszko-Dragan	MD, PhD, post-doctoral, Prof.	medical sciences	physician	clinical classes
Magdalena Koszewicz	MD, PhD, post-doctoral	medical sciences	physician	clinical classes
Marta Nowakowska-Kotas	MD, PhD	medical sciences	physician	clinical classes
Mieszko Zagrajek	MD, PhD		physician	clinical classes
Ewa Koziorowska-Gawron	MD, PhD	medical sciences	physician	clinical classes
Justyna Chojdak-Łukasiewicz	MD, PhD	medical sciences	physician	clinical classes
Monika Służewska	MD, PhD		physician	clinical classes
Paulina Papier	Graduate student	medical sciences	physician	clinical classes
Jakub Ubysz	Graduate student	medical sciences	physician	clinical classes
Justyna Korbecka	Graduate student	medical sciences	physician	clinical classes

Date of Syllabus development

Syllabus developed by



26.06.2021

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dr hab. n. med.  
**Magdalena Koszewska**  
SPECJALISTA NEUROLOGII  
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Dr hab. Magdalena Koszewicz...

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Dean's signature

Uniwersytet Medyczny we Wrocławiu  
WYDZIAŁ  
LEKARSKO-STOMATOLOGICZNY  
DZIEKAN

.....  
prof. dr hab. Marcin Mikulewicz

Signature of Head(s) of teaching unit(s)

Uniwersytet Medyczny we Wrocławiu  
KATEDRA NEUROLOGII  
KLINIKA NEUROLOGII  
.....  
kierownik

*[Handwritten Signature]*  
dr hab. Sławomir Budrewicz, prof. nadzw.

