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Course title: NEUROLOGY

ECTS credit allocation (and other scores):7

Semester: autumn

Level of study: ISCED-7 - second-cycle programmes (EQF-7)

Branch of science: Medical and health sciences

Language: English

Number of hours per semester: 90

Course coordinator/ Department and e-mail: neurologia@uwm.edu.pl

Type of classes: classes and lectures

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#### Substantive content

CLASSES: 1. Taking a History in Neurology 2. The Neurological Examination 3. Laboratory, Imaging and Additional Investigations in Neurology 4. Dementia 5. Epilepsy 6. Parkinson's disease, other extrapyramidal disorders, and myoclonus 7. Diseases Affecting the Spinal Cord (Myelopathy) 8. Motor Neuron Disease 9. Radiculopathy and Plexopathy 10. Disorders of the Peripheral Nerve 11. Disorders of the Neuromuscular junction 12. Disorders of skeletal muscle 13. Vascular Diseases of the Nervous System 14. Intracranial Tumours 15. Infections of the nervous system 16. Multiple Sclerosis 17. The Effects of Vitamin Deficiencies and Toxins on the Nervous System 18. Autoimmune conditions affecting the Nervous System 19. Hereditary Conditions Affecting the Nervous System 20. Headache 21. Disturbances of Consciousness

LECTURES: 1. Introduction to Neurology 2. Vascular diseases of the nervous system 3. Demyelinating diseases 4. Extrapyramidal diseases 5. Neurodegenerative diseases 6. Diseases of the peripheral nervous system

Learning purpose: The aim of the course is to provide knowledge about neurologic diseases.

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On completion of the study programme the graduate will gain:

Knowledge: knows and distinguishes basic neurological syndromes; knows and understands the causes, symptoms, principles of diagnosing and therapeutic approach to the most common diseases of the nervous system; knows the issues of contemporary used neuroimaging examination; knows the rules of suspicion and diagnosis of brain death

Skills: carries a medical interview with the patient; performs complete and targeted physical examination of adult patient; evaluates the general condition of consciousness and awareness of patient; evaluates and describes somatic and mental state of the patient; recognizes life threatening condition; recognizes the state of influence of alcohol, drugs and other drugs

Social Competencies: The student is aware of his own limitations and the ability to lifelong learning.

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Basic literature: 1) Mahinda Yogarajah, Daniel Horton-Szar, Crash Course - neurologia , wyd. Edra Urban & Partner, 2016

Supplementary literature: 1) Geraint Fuller, Badanie neurologiczne - TO PROSTE , wyd. Edra Urban & Partner, 2015 ; 2) E.D. Louis, S.A.

Mayer, Merrit Neurologia, wyd. Edra Urban & Partner, 2018

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The allocated number of ECTS points consists of:

Contact hours with an academic teacher: 95

Student's independent work: 80