



48SJ-NEU
ECTS: 7
YEAR: 2023Z

NEUROLOGY
NEUROLOGY

COURSE 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

EDUCATIONAL OBJECTIVE:

The aim of the course is to provide knowledge about neurologic diseases

DESCRIPTION OF LEARNING OUTCOMES FOR THE COURSE IN RELATION TO FIELD AND MAJOR LEARNING OUTCOMES

Codes of learning outcomes in a major field of study: M/NM+++,

Codes of learning outcomes in a major area of study: E.U1.+ , E.U13.+ , E.U14.+ , E.U15.+ , E.U3.+ , E.U7.+ , E.W13.+ , E.W14.+ , F.W10.+ , F.W15.+ , K.3.+ , K.5+ ,

LEARNING OUTCOMES:

Knowledge

W1 - knows and distinguishes basic neurological syndromes
W2 - knows and understands the causes, symptoms, principles of diagnosing and therapeutic approach to the most common diseases of the nervous system
W3 - knows the issues of contemporary used neuroimaging examination
W5 - knows the rules of suspicion and diagnosis of brain death

Skills

U1 - carries a medical interview with the patient
U2 - performs complete and targeted physical examination of adult patient
U3 - evaluates the general condition of consciousness and awareness of patient
U4 - evaluates and describes somatic and mental state of the patient
U5 - recognizes life threatening condition
U6 - recognizes the state of influence of alcohol, drugs and other drugs

Social competence

K1 - The student is aware of his own limitations and the ability to lifelong learning.
K2 - null

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

Course/module:

Neurology

Fields of education:

Course status: mandatory
Course group: B - przedmioty kierunkowe

ECTS code: 12048-3-B

Field of study: Medicine

Specialty area: Medicine

Educational profile: General academic

Form of study: full-time

Level of study: uniform master's studies

Year/semester: 4 / 7

Type of course:

Classes, Seminar, Lecture

Number of hours per semester/week: Classes: 50, Seminar: 20, Lecture: 20

Teaching forms and methods

Classes(K1, K2, U1, U2, U3, U4, U5, U6) : Practical classes - Classes are held in the thematic blocks at clinical departments, Seminar(W1, W2, W3, W5) : Multimedia presentation and discussion., Lecture(W1, W2, W3, W5) : Multimedia presentation and discussion.

Form and terms of the verification results:

CLASSES: Oral test - null(K1, K2, U1, U2, U3, U4, U5, U6, W2, W3, W5) ; SEMINAR: Oral test - null(K1, K2, U1, U2, U3, U4, U5, U6, W2, W3, W5) ; LECTURE: Written exam - null(W1, W2, W3, W5)

Number of ECTS points: 7

Language of instruction: English

Introductory courses:

anatomy, physiology, pathophysiology

Preliminary requirements:

Knowledge of anatomy, physiology and pathophysiology

Name of the organizational unit offering the course:

Katedra Neurologii,

Person in charge of the course:

prof. dr hab. n. med. Krzysztof Selmaj, , prof. dr hab. n. med. Marcin Mycko,

Course coordinators:

Notes:

Detailed description of the awarded ECTS points - part B

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The awarded number of ECTS points is composed of:

1. Contact hours with the academic teacher:

- participation in: classes	50 h.
- participation in: seminar	20 h.
- participation in: lecture	20 h.
- consultation	5 h.
	95 h.

2. Student's independent work:

-	80 h.
	80 h.

1 ECTS point = 25-30 h of the average student's work, number of ECTS points = 175 h : 25 h/ECTS = 7,00 ECTS
on average: **7 ECTS**

- including the number of ECTS points for contact hours with direct participation of the academic teacher:	3,80 ECTS points,
- including the number of ECTS points for hours completed in the form of the student's independent work:	3,20 ECTS points,