



Pomorski Uniwersytet Medyczny w Szczecinie
SYLLABUS of the MODULE (SUBJECT)

General information

Module title: NEUROLOGY	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine and Dentistry (KLD)
Specialty	n.a.
Level of study	<u>long-cycle</u>
Mode of study	full-time, part-time
Year of studies, semester	Year IV (sem. VII)
ECTS credits (incl. semester breakdown)	1
Type/s of training (Number of hours)	E-learning lectures 5 h/ seminars 5 h/ practical classes 5 h
Form of assessment	- graded assessment
Head of the Department/ Clinic, Unit	Prof. dr hab. n.med. Marta Masztalewicz,
Tutor responsible for the module	Dr n. med. Dorota Koziarska dorota.koziarska@pum.edu.pl person responsible for the module Prof. dr hab. n.med. Marta Masztalewicz, Prof. dr hab. n.med. Monika Gołąb-Janowska Dr n.med. Jolanta Turowska-Kowalska
Name and contact data of the unit	Department of Neurology ul. Unii Lubelskiej 1 71-252 Szczecin Phone no. 91 4253251 Email: kkneurol@pum.edu.pl
Department's/Clinic's/Unit's website	https://www.pum.edu.pl/wydzialy/wydzial-medycyny-i-stomatologii/katedra-i-klinika-neurology
Language	Polish/English

Detailed information

Module objectives		Familiarising students with the technique and interpretation of neurological examination. Presenting currently available additional examinations used in neurological diagnostics. acquiring knowledge of the symptomatology, course, treatment and prognosis of selected disorders of the central and peripheral nervous system, where special attention is paid to those neurological diseases which may pose problems in dental practice.
Prerequisite /essential requirements	Knowledge	knows the structure of the human body in the topographical approach (upper and lower limbs, chest, abdomen, pelvis, back, neck, head) and functional approach (ostearticular system, muscular system, circulatory system, respiratory system, digestive system, urinary system, sexual systems, nervous system and sensory organs, common coat) knows the anatomy of the nervous system knows the concept of reflex arc
	Skills	Is able to match the patient's complaints with the abnormalities in the functioning of the nervous system
	Competences	Social maturity Ability to work in a team, to talk with a patient, his/her family. The student should also acquire knowledge of how to be understanding, patient and sensitive to the needs of a suffering person with a disease of the nervous system

Description of the learning outcomes for the subject/module			
No. of learning outcome	Student, who has passed the (course)	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows the neurological effects of communication disorders	K_E.W06	RZĆ
W02	knows when to refer patient to hospital	K_E.W20	RZĆ
U01	interprets results of laboratory examination	K_E.U04	S
U02	identifies normal and pathological structures and organs in additional imaging examinations (X-ray, ultrasound, CT-computed tomography)	K_E.U05	S,RZĆ
U03	identifies life-threatening risk	K_E.U08	RZĆ
U04	recognizes symptoms of brain injury and vascular diseases of the brain, dementia syndromes and consciousness disorders	K_E.U10	RZĆ
U05	diagnoses headaches, facial pains and neurological diseases in adults and children that are problematic in dental practice	K_E.U11	RZĆ
K01	is able to interact and work in a group and care of his/her own work safety and that of others	K_K03	O
K02	understands proper examiner/examined relationship	K_K08	O

Table presenting LEARNING OUTCOMES in relation to the form of classes

		Type of training
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No. of learning outcome	Learning outcomes	Lecture	Seminar	Practical	Clinical classes	Simulations	E-learning	Other forms
W01	K E. W 06	X	X		X			
W02	K E. W2 0	X	X		X			
U01	K E. U 04		X		X			
U02	K E. U 05		X		X			
U03	K E. U 08	X			X			
U04	K E. U 10	X			X			
U05	K E · U 1 1		X		X			
K01	K K 0 3				X			
K02	K K 0 8				X			

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
	Lectures	5	

TK01	Introduction to neurology. Interpretation of the most common neurological abnormalities. Supportive examinations in neurology	1	WO1, WO2,U01, U02, U03
TK02	Vascular diseases of the brain	1	WO1 WO2,U01,U02,U03 U04,U05
TK03	Demyelinating diseases - multiple sclerosis: clinical aspects that may pose problems in dental practice	1	WO1, WO2,U05
TK04	Epilepsy, short-term and long-term causes of loss of Consciousness	1	WO1 WO2,U01,U02,U03
TK05	Emergency conditions in the dental surgery	1	WO1, WO2,U01,U02 U03,U04,U05
Practical classes		5	
TK06	Interpretation of the most common neurological abnormalities.	5	W01, W02, U01,U02, K01, K02
Seminars:		5	
TK07	Supportive examinations in neurology Headaches and facial pain: spontaneous headaches - migraine, simple vasomotor headache, causes of symptomatic headaches, neuralgias, Costen syndrome, atypical facial pain. Chronic neurological diseases: Parkinson's disease, SLA: amyotrophic lateral sclerosis, myasthenia gravis, dementia syndromes: practical approach	3	W01, W02, U01,U02, U03,U04,U05, K01,K02
TK08	Communication disorders that can cause problems in dental practice	2	W01, W02,U01, U02,KO1, KO2

Booklist:

Obligatory literature:

Kompendium Neurologii pod redakcją Ryszarda Podemskiego, Via Medica Wyd. IV Gdańsk 2019

Supplementary literature

Neurologia praktyczna A. Prusiński PZWL, wydanie III, 2020.

Student's workload

(in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	10
Time spent on preparation to seminars/practical classes	5
Time spent on reading recommended literature	1
Time spent on writing report on Laboratory/practical classes/making project/paper etc.	0
Time spent on preparing to colloquium/ entry test	0
Time spent on preparing to assessment	1
Other	0
Student's workload in total	17

ECTS credits	1
Notes	

* Selected examples of methods of assessment:

EP – written examination

EU – oral examination

ET – test examination

EPR – practical examination

K – colloquium

R – report

S – practical skills assessment

RZC – practical classes report, incl. discussion on results

O – student's active participation and attitude assessment

SL – lab report

SL – laboratory report

SP – case study

PS - assessment of student's ability to work independently

W – entry test PM – multimedial presentation

other...