



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)	seminars 5 godzin/ practical classes 10 h
Form of assessment	- non-graded assessment - final examination - oral
Head of the Department/ Clinic, Unit	Prof. dr hab. n. med. Przemysław Nowacki
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 (osteoarticular 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 (subject)	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows neurological effect of chronic administration of drugs	K_E.W06	EU
W02	knows when to refer patient to hospital	K_E.W20	EU
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	EU
U03	identifies life-threatening risk	K_E.U08	EU
U04	recognizes symptoms of brain injury and vascular diseases of the brain, dementia syndromes and consciousness disorders	K_E.U10	EU
U05	diagnoses headaches, facial pains and neurological diseases in adults and children that are problematic in dental practice	K_E.U11	EU
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									
No. of learning outcome	Learning outcomes	Type of training							
		Lecture	Seminar	Practical	Clinical classes	Simulation	E-learning	Other forms	
W01	K_E.W06	X			X				
W02	K_E.W20	X			X				
U01	K_E.U04				X				
U02	K_E.U05				X				
U03	K_E.U08				X				
U04	K_E.U10				X				
U05	K_E.U11				X				
K01	K_K03				X				
K02	K_K08				X				

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	Number of hours	References to learning outcomes
Lectures		5	
TK01	Epilepsy, short-term and long-term causes of loss of Consciousness	2	W01 W02,U01,U02,U03
TK02	Clinical symptomatology of cranial nerve injuries relevant to dental practice	2	W01, W02,U01,U02, U04,U05
TK03	Demyelinating diseases - multiple sclerosis: clinical aspects that may pose problems in dental practice	1	W01, W02
Practical classes		10	
TK04	Introduction to neurology. Interpretation of the most common neurological abnormalities. Neurological consequences of chronic use of drugs and stimulants: the most common drug-induced damage of the nervous system, neurological consequences of alcohol and narcotics addiction	3	W01, W02, U01,U02, K01, K02
TK05	Vascular diseases of the brain: definition of stroke, causes of stroke, diagnostic and therapeutic proceedings in strokes, stroke prevention. Cerebral haemorrhages: causes, clinical presentation, management Supportive examinations in neurology	3	W01, W02, U01,U02, U03,U04,U05, K01,K02
TK06	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: a practical approach	3	W01, W02, U01, U02, KO1, KO2,
TK07	Disorders of the nervous system that can pose problems in dental practice: Cervical and lumbar root syndromes, head injuries and their clinical consequences.	1	W01, W02,U01,U02,U05 KO1,KO2,

Booklist:
Obligatory literature:
Kompedium Neurologii pod redakcją Ryszarda Podemskiego, Via Medica Wyd.III Gdańsk 2014
Supplementary literature
neurology: Podręcznik dla studentów stomatologii. W. Kozubski, P .Liberski [red.] PAM, 2011 Rozdziały dotyczące treści seminariów

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 exam	5
Other	0
Student's workload in total	21
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...