



## Pomorski Uniwersytet Medyczny w Szczecinie

### SYLLABUS of the MODULE (SUBJECT)

#### General information

Module name: <b>neurology</b>	
Module type	Obligatory
Faculty PMU	Medicine and Dentistry (WLS)
Major	Medical and Dentistry (KLD)
Specialty	Not applicable
Level of study	Long-cycle studies
Form of study	full-time
Year, semester of studies e.g. Year 1, semester (I and II)	e.g. Year 4, semester (VII and VIII)
ECTS credits (incl. semester breakdown)	1
Type/s of training	Lectures 5 godzin, practical classes 10 h
Form of assessment	- non-graded assessment - final examination <u>oral</u>
Head of the Department/ Clinic, Unit	prof. dr hab. Przemysław Nowacki
Persons conducting classes with indication of a tutor or person responsible for the module	Dr n. med. Dorota koziarska <a href="mailto:dorotakoziarska@pum.edu.pl">dorotakoziarska@pum.edu.pl</a> osoba odpowiedzialna za przedmiot  Dr hab.n.med. Marta Masztalewicz,  Dr n.med. Monika Gołąb-Janowska  Dr n.med. Jolanta Turowska-Kowalska
Department's/Clinic's/Unit's website	<a href="mailto:kkneurolo@pum.edu.pl">kkneurolo@pum.edu.pl</a> Phone no.: 91 425 32 64 or 91 425 32 51
Language	Polish/English

#### Detailed information

<p>Module/subject objectives</p>	<p>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.</p>
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Prerequisite /essential requirements	Knowledge	- knows the structure of human body in topographic approach (upper and lower limbs, thorax, 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 learning outcomes for the module (subject)			
No. of learning outcome	Student, who has passed the (subject)	Symbol (referring to) Assumed Learning Outcomes Outcomes	Means of verification of learning outcomes*
W01	knows and can distinguish between basic neurological symptom complexes	K_E.W13	EU
W02	knows and understands the causes and symptoms of the most common nervous system diseases, including: <ul style="list-style-type: none"> <li>● vascular diseases of the brain, in particular a stroke</li> <li>● headaches and dizziness, in particular V neuralgia and atypical facial pains</li> <li>● in frequently occurring diseases degenerative diseases of the CNS</li> <li>● epilepsy</li> <li>● degenerative diseases of the spine</li> </ul>	K_E.W14	EU
U01	is able to interpret the results of laboratory tests	K_E.U.01	S
U02	is able to identify life-threatening risk	K_E.U.03	EU
K01	is aware of the social and cultural differences that influence the individual interpretation of a life situation	K_K03	O
K02	shows respect to the patient/clients/social groups and concern for their welfare	K_K08	O

Table presenting LEARNING OUTCOMES in relation to the form of classes									
No .	Symbol (Referring to) Assumed Learning Outcomes	Form of didactic classes							
		Lecture	Seminar	Practical classes	Clinical classes	...	...	...	others ...
1.	K_E.W13	x		x					
2.	K_E.W14	x		x					
3.	K_E.U.01			x					
4.	K_E.U.03			x					
5.	K_K03			x					
6.	K_K08			x					

No. of learning content	Description of learning content	Num ber of hours	Referring to learning outcomes for the module
	Lectures	5	
TK 01	Epilepsy, short-term and long-term causes of loss of consciousness	2	W01,02
TK02	Clinical symptomatology of cranial nerve injuries cranial nerve injuries relevant to dental practice	2	U01,03
TK03	Lecture: Demyelinating diseases - multiple sclerosis : clinical aspects that may pose problems in dental practice	1	W01,U01,03
	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	W01,02,U01,02
TK05	Vascular diseases of the brain: a definition of stroke, causes of stroke, diagnostic and therapeutic management of stroke, stroke prevention. Cerebral haemorrhages: causes, clinical picture, management. Ancillary examinations in neurology	3	W01,02,U01,02
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	W01,02,U01,02
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	W01,02,U01,02

<b>Booklist</b>
Obligatory literature
Neurologia praktyczna” A. Prusiński, PZWL, 2001r, „ Kompendium Neurologii” R. Podemski, Via Medica , Gdańsk, 2014 r.
Supplementary literature
neurology: Podręcznik dla studentów medycyny. W.Kozubski, P.Liberski [red.] PAM, 2011. Rozdziały dotyczące treści seminariów.

Student's workload (balance of ECTS credits)			
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]		
	Tutor .	Student .	Average
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 for the module/subject	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 – laboratory report

SP – case study

PS - assessment of student’s ability to work  
independently

W – entry test

PM – multimedial presentation  
and other