



SYLLABUS of the MODULE (SUBJECT)
General Information

Module title:Speech Therapy in Medicine	
Module type	Obligatory/Facultative (wybrać)
Faculty PMU	Faculty of Medicine and Dentistry
Major	Dentistry
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year IV, semester II
ECTS credits (incl. semester breakdown)	2 ECTS
Type/s of training	lectures (...h)/seminars (19h)/ practical 6h
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <ul style="list-style-type: none"> <input type="checkbox"/> final examination <ul style="list-style-type: none"> <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	Tytuł/stopień dr hab. n.med. Marta Masztalewicz
Tutor responsible for the module	Tytuł/stopień/adres e-mail dr hab. n.med. i n. zdr. Wioletta Pawlukowska email: wioletta.pawlukowska@pum.edu.pl 914253264
Department's/ Clinic's/ Unit's website	Department of Neurology https://www.pum.edu.pl/wydzialy/wydzial-lekarsko-stomatologiczny/katedra-i-klinika-neurologii
Language	English

* replace into where applicable

Detailed information

Module objectives		The aim of the course is to familiarize students with the basic issues of speech therapy and neurologopedics, with particular emphasis on the development and communication disorders in the pre- and post-lingual period and in adulthood, as well as oropharyngeal dysphagia.
Prerequisite /essential requirements	Knowledge	<p>knows the anatomical basis of the structure and functioning of the articulation organs</p> <p>knows the structure and functioning of the central and peripheral nervous system responsible for communication and dysphagia</p> <p>knows the basic communication and speech disorders in pre- and post-lingual age and in adults</p> <p>knows the causes of pharyngeal dysphagia</p> <p>knows the basic concepts of speech therapy and neurologopedics</p>
	Skills	<p>Is able to conduct a basic speech therapy examination</p> <p>Can diagnose communication and speech disorders in perpostlingual age and adults, as well as oropharyngeal dysphagia</p> <p>He can use the knowledge of speech therapy in dental practice</p>
	Competences	<p>Uses objective sources of information</p> <p>Promoting pro-health behaviors</p> <p>Implements the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, as well as in a multicultural and multinational environment</p>

Description of the learning outcomes for the subject /module			
No. of learning outcome	Student, who has passed the (subject) knows /is able to /can:	SYMBOL (referring the standards)	Method of verification of learning outcomes*
W01	knows and understands development of organs and entire body with particular regard to masticatory system	A.W2.	O

W02	knows and understands functional importance of certain organs and systems in synthetic manner	A.W5.	O
W03	knows and understands importance of verbal and non-verbal communication in process of communication with patients and concept of trust in interactions with patients	D.W4.	O
W04	knows and understands relationship between morphological anomalies and function of organs and systems as well as clinical symptoms and capacity of diagnostics and treatment	E.W1.	PS, SP
W05	knows and understands basic methods of medical examination and importance of additional tests with regard to diagnosis, monitoring, prognosis and prophylaxis of organ and systemic disorders in particular its effect on oral cavity tissues	E.W2.	PS
W06	knows and understands etiopathogenesis and symptomatology of diseases of respiratory system, circulatory system, genitourinary system, hematopoetic system, immunological system, alimentary system, motor system and endocrine system with particular focus on disease with oral cavity manifestation	E.W3.	O, PS
W07	knows and understands the methods applied in medical rehabilitation, its goals and planning methodology	E.W19.	SP
U01	is able to take actions to improve the patient's quality of life and prevent deterioration thereof in the future	D.U5.	O
U02	is able to perform differential diagnosis of most common diseases	E.U1.	O
U03	is able to plan diagnostics and therapeutic management in case of most common diseases in adults	E.U3.	O
U04	is able to diagnose headaches, facial pains and neurological diseases in adults and children that posing problems in dental practice	E.U11.	O
K01	is ready to notice and recognize own limitations, make self-assessment of educational deficits and needs	K.5.	O

K02	is ready to use reliable sources of information	K.7.	O
K03	is ready to propagate health-promoting behavior	K.6.	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	Simulations	E-learning
W01	knows and understands development of organs and		x				
W02	knows and understands functional importance of		x				
W03	knows and understands importance of verbal and non-		x				
W04	knows and understands relationship between		x				
W05	knows and understands basic methods of medical		x				
W06	knows and understands etiopathogenesis and		x				
W07	knows and understands the methods applied in			x			
U01	is able to take actions to improve the patient's quality			x			
U02	is able to perform differential diagnosis of most		x				
U03	is able to plan diagnostics and therapeutic		x				
U04	is able to diagnose headaches, facial pains and		x				
K01	is ready to notice and recognize own limitations, make		x				
K02	is ready to use reliable sources of information		x				
K03	is ready to propagate health-promoting behavior		x				

Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Summer semester			
Seminars			
TK01	Development of articulation organs and higher brain functions responsible for communication in the prenatal period	2,5	A.W2.,A.W5.,D.U5.,K.5.
TK02	Development of articulation organs and higher brain functions responsible for communication in the prelingual period	2,5	A.W2.,A.W5.,D.U5.,K.5.
TK03	Development of communication in the prelingual and postlingual period	2,5	D.W4.,E.U1., K.7.
TK04	The development of communication in the post-lingual period	2,5	D.W4.,E.U1., K.7.
TK05	Etiology, types of speech disorders in children	2	E.W1., E.W2., E.U11., K.6.
TK06	Etiology, types of communication in children	2	E.W1., E.W2., E.U11., K.6.

TK07	Disorders of the type in oropharyngeal dysphagia	3	E.W3., E.U3., K.7.
TK08	Etiology and types of communication disorders in adults	2	E.W2., E.U3., K.5.
Practical classes			
TK01	Principles of diagnostic and therapeutic procedures in the case of communication and speech disorders in children	2	E.W19.,D.W4., E.U3., K.6.
TK02	Principles of diagnostic and therapeutic management in the case of oropharyngeal dysphagia in children	2	E.W19., E.U3., K.6.
TK03	Principles of diagnostic and therapeutic management in the case of communication disorders and oropharyngeal dysphagia in adults	2	E.W19.,E.W1., E.U3., K.6.

Booklist
Obligatory literature:
1. http://samples.jblearning.com/9780763776480/76480_CH01_SEC.pdf
2.Communication Disorders, Cummings L., Cambridge University Press 2013
Supplementary literature:
1.S Fucile; E G Gisel; C Lau, Effect of an oral stimulation program on sucking skill maturation of preterm infant, <i>Developmental Medicine and Child Neurology</i> , 2005; 47;3
2.Nyqvist K.H., Sjöden P.O., Ewald U.,The development of preterm infants' breastfeeding behavior, <i>Early Hum Dev</i> 1999 Jul;55(3):247-64.doi: 10.1016/s0378-3782(99)00025-0.
3. Miller A.j., Oral and pharyngeal reflexes in the mammalian nervous system: their diverse range in complexity and the pivotal role of the tongue, <i>Crit Rev Oral Biol Med</i> 2002;13(5):409-25.doi: 10.1177/154411130201300505.
4. Breastfeeding Management for the Clinical , edt. Walker M., Learning Company 2014
5. https://www.sagepub.com/sites/default/files/upm-assets/81537_book_item_81537.pdf
6.Pawlukowska W., Gołąb-Janowska M., Safranow K., Rotter I. Amernik K., Honczarenko K., Nowacki P., Articulation disorders and duration, severity and l-dopa dosage in idiopathic Parkinson's disease. <i>Neurol Neurochir Pol</i> 2015;49(5):302-6.doi: 10.1016/j.pjnns.2015.07.002.Epub 2015 Jul 30.

Student's workload	
Form of student's activity (in-class participation; activeness, produce a report, etc.)	Student's workload [h]
	Tutor
Contact hours with the tutor	20
Time spent on preparation to seminars/ practical classes	5
Time spent on reading recommended literature	5
Time spent on writing report/making project	

Time spent on preparing to colloquium/ entry test	4
Time spent on preparing to exam	
Other	
Student's workload in total	34
ECTS credits for the subject (in total)	2 ECTS
Remarks	

* 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

SP – case study

PS - assessment of student's ability to work independently

W – entry test

PM – multimedia presentation

other...