



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: REHABILITATION 2023/2024	
Module type	Obligatory
Faculty PMU	Faculty of Medicine and Dentistry
Major	Medicine
Level of study	long-cycle (S2J)
Mode of study	full-time studies
Year of studies, semester	Year V, semester IX
ECTS credits (incl. semester breakdown)	1
Type/s of training	Practical 15
Form of assessment*	<input checked="" type="checkbox"/> graded assessment: <input type="checkbox"/> descriptive <input checked="" type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral <input type="checkbox"/> non-graded assessment <input type="checkbox"/> final examination <input type="checkbox"/> descriptive <input type="checkbox"/> test <input type="checkbox"/> practical <input type="checkbox"/> oral
Head of the Department/ Clinic, Unit	Prof. dr hab. n. med. i zdr. Iwona Rotter prof. PUM
Tutor responsible for the module	Prof. dr hab. n. med. i zdr. Iwona Rotter: iwona.rotter@pum.edu.pl
Department's/ Clinic's/ Unit's website	Medical Rehabilitation and Clinical Physiotherapy independent clerk Iwona Żuk Żołnierska Street 54b room 309 Szczecin 71-210
Language	English

* replace into where applicable

Detailed information

Module objectives		<ul style="list-style-type: none"> – to introduce students with disabilities (concepts and definitions of disability along with elements of Medical certificate on the degree of disability) – to provide students with basic knowledge about the objectives and tasks of rehabilitation of disabled people with including sport for the disabled people – to introduce with the elements of a comprehensive rehabilitation process at different stages of therapeutic and socio-occupational rehabilitation of persons with disabilities in the inpatient rehabilitation and ambulatory rehabilitation – to present a different methods of rehabilitation – to discuss with rehabilitation in diseases of the following systems: cardiovascular, respiratory, nervous and motor system to present the specifics of rehabilitation in developmental age and geriatrics – to introduce students with the orthopedic equipment, prosthetics and orthotics – development of the student's ability to use the knowledge from the field of rehabilitation in various medical specialization
Prerequisite /essential requirements	Knowledge	Knowledge from previous years of study
	Skills	Know how to perform a interview and physical examination
	Competences	Student manifests respect for the patient, persons with disabilities, members of the therapeutic team, know yourself skills and limitations

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 the course and symptoms of senescence as well as complex geriatric evaluation and interdisciplinary care with regard to elderly people	E.W8	ZT
W02	knows and understands basic rules of management of the care of elderly people burden on care of elderly person	E.W12	ZT
W03	knows and distinguishes basic signs of neurological syndromes	E.W13	ZT
W04	knows rules of palliative procedure with regard to patients in terminal state	E.W28	ZT
W05	knows rules of treatment of pain, incl. chronic and cancer-related pain	E.W29	ZT
W6	knows and understands the concepts of physical disability and handicap	E.W30	ZT
W7	knows importance and methods used in medical rehabilitation	E.W31	ZT

U01	takes history interview of adult patient	E.U1	ZT
U02	plans diagnostics, therapeutic and preventive procedures	E.U16	ZT
U03	qualifies patients for home and hospital treatment	E.U20	ZT
U04	evaluates functionality of disabled patients	E.U22	ZT
U05	can suggest rehabilitation scheme for most frequent diseases	E.U23	ZT
U06	plans specialist consultations	E.U32	ZT
U07	keeps medical documentation	E.U38	ZT
K01	establishing and maintaining deep and respectful contact with the patient, as well as showing understanding for ideological and cultural differences	K.1	ZT
K02	noticing and recognizing one's own limitations and self-assessing educational deficits and needs	K.5	ZT
K03	implementing the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions, also in a multicultural and multinational environment	K.5	ZT

Table presenting LEARNING OUTCOMES in relation to the form of classes

No. of learning outcome	Learning outcomes	Type of training						
		Lecture	Seminar	Practical classes	Clinical classes	Simulations	E-learning	Other...
W01	E.W8			X				
W02	E.W12			X				
W03	E.W13			X				
W04	E.W28			X				
W05	E.W29			X				
W06	E.W30			X				
W07	E.W31			X				
U01	E.U1			X				
U02	E.U16			X				
U03	E.U20			X				
U04	E.U22			X				
U05	E.U23			X				
U06	E.U32			X				
U07	E.U38			X				
K01	K.1			X				
K02	K.5			X				
K03	K.9			X				

Table presenting TEACHING PROGRAMME

No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Practical classes			
TK01	Basic issues of rehabilitation, disability	1	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30

			E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK02	Physiotherapy in neurology	2	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK03	Physiotherapy in orthopedics	2	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK04	Physiotherapy in cardiovascular disease	2	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK05	Physical Therapy	2	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK06	Orthopedic support	2	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK07	Urogynecological physiotherapy	1	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK08	Sport for disabled people	1	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK09	Physiotherapy in pediatrics	1	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1,

			E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9
TK10	Credit	1	E.W8, E.W12, E.W13, E.W28, E.W29, E.W30 E.W31, E.U1, E.U16, E.U20, E.U22, E.U23, E.U32, E.U38 K.1, K.5, K.9

Booklist

Obligatory Literature:

1. David X. Cifu.:Physical Medicine and Rehabilitation. Braddom's 2020
2. Ian B. Maitin, Ernesto Cruz: Current Diagnosis & Treatment: Physical Medicine & Rehabilitation. 2015

Supplementary literature:

1. Seymour Ron: Prosthetics and Orthotics: Lower Limb and Spine
2. Donna L. Frownfelter, Elizabeth W. Dean: Cardiovascular and Pulmonary Physical Therapy
3. Linda Mastandrea: Sports and the Physically Challenged: An Encyclopedia of People, Events, and Organizations
4. Robert Palisano, Margo Orlin, Joseph Schreiber: Campbell's Physical Therapy for Children. 2022
5. Abraham M. Joshua: Physiotherapy for Adult Neurological Conditions. 2022
6. Robert C. Manske, Charles E Giangarra: Clinical Orthopaedic Rehabilitation: A Team Approach. Elsevier 2017

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	15
Time spent on preparation to seminars/ practical classess	3
Time spent on reading recommended literature	
Time spent on writing report/making project	
Time spent on preparing to colloqium/ entry test	
Time spent on preparing to exam	
Other	
Student's workload in total	
ECTS credits for the subject (in total)	1

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 – multimedial presentation

other...

PT - pass the grade in a test form