



Pomeranian Medical University in Szczecin

SYLLABUS of the MODULE (SUBJECT) General Information

Module title: REHABILITATION	
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	Dr hab. n. med. Iwona Rotter prof. PUM
Tutor responsible for the module	Dr hab. n. med. Iwona Rotter: iwona.rotter@pum.edu.pl
Department's/ Clinic's/ Unit's website	Department of Medical Rehabilitation and Clinical Physiotherapy Żołnierska Street 54b 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 physical principles behind for selected therapeutic techniques incl. ultrasounds and radiation	K_B.W9	PT
W02	knows aging mechanisms of human body	K_B.W28	PT
W03	knows pathomorphological terminology	K_C.W26	PT
W04	understands importance of health, disease, disability and senility in terms of social attitudes, social consequences of disease and disability and socio-cultural barriers; knows current concept of life quality affected by health state	K_D.W3	PT
W05	knows and understands the course and symptoms of senescence as well as complex geriatric evaluation and interdisciplinary care with regard to elderly people	K_E.W8	PT
W06	knows and understands basic rules of management of the care of elderly people burden on care of elderly person	K_E.W12	PT

W07	knows and distinguishes basic signs of neurological syndromes	K_E.W13	PT
W08	knows rules of palliative procedure with regard to patients in terminal state	K_E.W28	PT
W09	knows rules of treatment of pain, incl. chronic and cancer-related pain	K_E.W29	PT
W10	knows and understands the concepts of physical disability and handicap	K_E.W30	PT
W11	knows importance and methods used in medical rehabilitation	K_E.W31	PT
U01	uses principles of physics to explain influence of external factors, such as temperature, acceleration, pressure, electromagnetic field and ionizing radiation on the human organism and its components	K_B.U1	PT
U02	conducts simple tests in order to evaluate the human organism as a system of stable regulation (load test, exercise test); interprets numerical data on basic physiological variables	K_B.U8	PT
U03	informs patients about objectives, course and possible risks with regard to proposed diagnosis or therapeutic procedure and secures their informed consent	K_D.U6	PT
U04	takes history interview of adult patient	K_E.U1	PT
U05	plans diagnostics, therapeutic and preventive procedures	K_E.U16	PT
U06	qualifies patients for home and hospital treatment	K_E.U20	PT
U07	evaluates functionality of disabled patients	K_E.U22	PT
U08	can suggest rehabilitation scheme for most frequent diseases	K_E.U23	PT
U09	plans specialist consultations	K_E.U32	PT
U10	keeps medical documentation	K_E.U38	PT
K01	co-operates with team members; can co-operate within a group and take different roles	K_K04	PT
K02	is aware of his/her own limitations and knows when to refer to experts	K_K17	PT
K03	respects patients/customers/social groups and makes decisions in their best interest	K_K20	PT

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	Other...
1.	K_B.W9			X				
2.	K_B.W28			X				
3.	K_C.W26			X				
4.	K_D.W3			X				
5.	K_E.W8			X				
6.	K_E.W12			X				
7.	K_E.W13			X				
8.	K_E.W28			X				

9.	K_E.W29			X				
10.	K_E.W30			X				
11.	K_E.W31			X				
12.	K_B.U1			X				
13.	K_B.U8			X				
14.	K_D.U6			X				
15.	K_E.U1			X				
16.	K_E.U16			X				
17.	K_E.U20			X				
18.	K_E.U22			X				
19.	K_E.U23			X				
20.	K_E.U32			X				
21.	K_E.U38			X				
22.	K_K04			X				
23.	K_K17			X				
24.	K_K20			X				

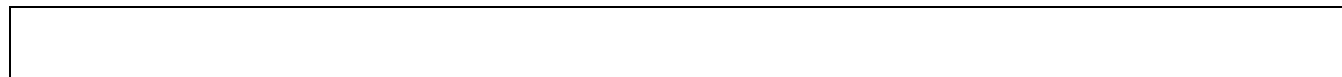
Table presenting TEACHING PROGRAMME			
No. of a teaching programme	Teaching programme	No. of hours	References to learning outcomes
Practical classes			
TK01	Basic issues of rehabilitation, disability	1	W01, W02, W03, W04, W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09, U10 K01, K02, K03
TK02	Physiotherapy in neurology	2	W01, W02, W03, W04, W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09, U10 K01, K02, K03
TK03	Physiotherapy in musculoskeletal system	2	W01, W02, W03, W04, W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09, U10 K01, K02, K03

TK04	Physiotherapy in cardiovascular disease	2	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK05	Physical Therapy	2	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK06	Prosthetics and orthotics	2	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK07	Urogynecological physiotherapy	1	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK08	Sport for disabled people	1	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK09	Speech therapy/kinesiotaping	1	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10

			W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03
TK10	Credit	1	W01, W02, W03,W04,W05, W06, W07, W08, W09, W10 W11 U01, U02, U03, U04, U05, U06, U07, U08, U09,U10 K01, K02, K03

Booklist
Obligatory literature:
1. Jackson C. Tan: Practical Manual of Physical Medicine and Rehabilitation: Diagnostics, Therapeutics, and Basic Problems
2. Ian B. Maitin, Ernesto Cruz: CurrentDiagnosis & Treatment: Physical Medicine & Rehabilitation
3. Seymour Ron: Prosthetics and Orthotics: Lower Limb and Spine
4. Donna L. Frownfelter, Elizabeth W. Dean: Cardiovascular and Pulmonary Physical Therapy
5. Linda Mastandrea Sports and the Physically Challenged: An Encyclopedia of People, Events, and Organizations
Supplementary literature:
1. Seymour R.: Prosthetica and Orthotic Lower Limb and Spine
2. Michelle M. Lusardi, Caroline C. Nilsen: Orthotics and Prosthetics in Rehabilitation

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