

SUBJECT CARD

Faculty of Medicine and Health Sciences

Field of studies: Medicine

Form of studies: Full-time

Degree: long-cycle Master's program

Specializations: No specialization

Academic year: 2022/2023

Physiotherapy in treatment and rehabilitation	
SUBJECT	Physiotherapy in treatment and rehabilitation
NUMBER OF ECTS POINTS	2
LANGUAGE OF INSTRUCTION	English
TEACHER(S)	mgr Karolina Węglarz mgr Joanna Kurpiewska
PERSON RESPONSIBLE	dr med. Tomasz Pardała
NUMBER OF HOURS	
LECTURES	20
CLASSES	10
GENERAL OBJECTIVES	
OBJECTIVE 1	Students will acquire knowledge and the ability to use rehabilitation in the treatment of patients of different ages and with various dysfunctions.
OBJECTIVE 2	Students will gain competence in health promotion and cooperation with interdisciplinary teams.
LEARNING OUTCOMES	
MK1	Knowledge: knows the rules of teamwork
MK2	Knowledge: knows the concept of disability and disability;
MK3	Knowledge: knows the role of medical rehabilitation and the methods used in it;
MS1	Skills: can give advice on compliance with therapeutic recommendations and a healthy lifestyle;
MS2	Skills: can make a functional assessment of a patient with disabilities;

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MS3	Skills: can propose a rehabilitation program for the most common diseases;
MC1	Social Competency: is aware of the implementation of the principles of professional camaraderie and cooperation in a team of specialists, including representatives of other medical professions,
INTRODUCTORY REQUIREMENTS ²	
anatomy, pathophysiology	
COURSE PROGRAM	DETAILED DESCRIPTION OF THE TOPIC BLOCKS
LECTURE 1	Basic concepts of physiotherapy. Etymology and definition of the word: rehabilitation, physiotherapy. Medical, social and professional rehabilitation. Goals and tasks of individual rehabilitation departments. Basic components of therapeutic rehabilitation. The importance of physiotherapy in medical rehabilitation. Presentation of individual methods and treatments used in physiotherapy - their description, action, indications and contraindications.
LECTURE 2	Kinesiotherapeutic methods. Brief characteristics of selected physiotherapeutic methods. Objectives of the assumption, methodological foundations, expected therapeutic effects. Methods of neuromuscular reeducation.
LECTURE 3	Interdisciplinary nature of medical rehabilitation. Education of physiotherapists in Poland and in the world. Courses and training available for physiotherapists. Act on the profession of physiotherapist. Organization of rehabilitation in Poland. Rehabilitation goals and their verification. Possible professional courses available after completing physiotherapy studies.
LECTURE 4	The role of a physiotherapist in individual departments. Definition of disability. The role of a physiotherapist in the process of restoring health and functioning of disabled patients. Foundations and associations for people with disabilities. Sport for the disabled.
LECTURE 5	Functional tests. ICF.

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LECTURE 6	<p>Lymphedema. Physical Therapy Treatment & Management Theory</p> <ul style="list-style-type: none"> -Anatomy & Physiology -Pathology - Principles of Management <p>Treatment</p> <ul style="list-style-type: none"> - Manual Lymphatic Drainage Massage - Compression Bandaging / Garments - Exercise - Patient Education
CLASS 1	Examination of the patient: rules of conducting the interview, its components, definition of diagnostic tests and analysis of selected diagnostic tests. Clinimetry. Patient examination card. Methods of proceeding in rehabilitation: assessment of the functional state. Documentation of examination and physiotherapeutic procedures.
CLASS 2	Selected methods and techniques used in physiotherapy. Elements of classical massage.
CLASS 3	Fundamentals of kinesiology taping. Discussion of other methods in the field of special techniques.
CLASS 4	The influence of selected exercises on individual systems in the human body. Overview of selected functional tests.
CLASS 5	Methods used in selected departments. Selection of means and methods of physiotherapeutic. Planning of physiotherapy in selected disease entities.
CLASS 6	Diagnostics of shoulder complex disorders as an example of differential diagnosis of shoulder problems (pain)
DIDACTIC METHODS (APPLIED)	
	Multimedia presentation, Problem solving, Case study, Discussion, Brainstorming, Practical classes, Projects
STUDENTS WORKLOAD	
NUMBER OF HOURS UNDER SUPERVISION	20 hrs lectures + 10 hrs classes
NUMBER OF PREPARATION HOURS	<p>Preparation for classes: 10</p> <p>Preparation of report, presentation, medical history: 12</p> <p>Preparation for the exam: 30</p>
TOTAL NUMBER OF HOURS FOR THE COURSE	52
CONDITIONS FOR COURSE COMPLETION	

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- 1/. Participation in a minimum of 60% of classes is compulsory for each student. In the event of a greater number of absences - before the end of the semester, participation in the classes of another group is required, which thematically corresponds to the abandoned practical classes.
- 2/. In the absence of the required attendance, on the first date of the examination session, the student receives a dean's unsatisfactory grade and is entitled to correct it on the second term. In this case, participation in additional consultations with the teacher conducting the classes is required even before the second date of the resit session.
- 3/. Students should use all diligence in achieving progress in learning, and in particular obtain a positive result of passing all skills assessed in the course of classes.
- 4/. Students have the right to apply changes in the way the subject is implemented to ensure optimal conditions for progress in learning, in particular they are encouraged to express opinions as part of surveys.
- 5/. All disputes arising from these regulations or in matters not covered here should be first settled with the person conducting the classes, and in the event of disagreement with the person responsible for the subject, and then with the authorities of the Faculty of Medicine and Health Sciences.

METHODS OF ASSESMENT

IN TERMS OF KNOWLEDGE	Assessment of knowledge in the field of rehabilitation.
IN TERMS OF SKILLS	Preparation and presentation of selected issues in the field of rehabilitation and physioprophyllaxis.
IN TERMS OF SOCIAL COMPETENCY	Observation of students' attitude towards undertaken problems and constructive criticism, evaluation of team cooperation.
FORMATIVE	Preparation and presentation of the topic in the form of a multimedia presentation and a practical show.
SUMMATIVE (I & II terms)	I term (EXAM): 20 questions test & essay to write II term (RETAKE EXAM): 20 questions test & essay to write

GRADING SCALE

3,0 (SATISFACTORY)	Credit is awarded to a Student who meets the requirements set out in the Regulations of classes, in particular in terms of the number of absences. In addition, the student must obtain credit for the project presented to a sufficient degree.
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3,5 (SATISFACTORY PLUS)	Credit is awarded to a Student who meets the requirements set out in the Regulations of classes, in particular in terms of the number of absences. In addition, the student must obtain credit for the project above the degree of sufficient.
4,0 (GOOD)	Credit is awarded to a Student who meets the requirements set out in the Regulations of classes, in particular in terms of the number of absences. In addition, the student must obtain credit GOOD for the project presented.
4,5 (GOOD PLUS)	Credit is awarded to a Student who meets the requirements set out in the Regulations of classes, in particular in terms of the number of absences. In addition, the student must obtain credit above GOOD for the project presented.
5,0 (VERY GOOD)	Credit is awarded to a Student who meets the requirements set out in the Regulations of classes, in particular in terms of the number of absences. In addition, the student must obtain credit very GOOD for the project presented.

BASIC LITERATURE

- [1] Rehabilitacja medyczna tom 1-2, Elsevier Urban & Partner Wrocław 2013, wyd.2
- [2] Rozporządzenie Ministra Gospodarki, Pracy i Polityki Społecznej z dnia 15 lipca 2003 r. w sprawie orzekania o niepełnosprawności i stopniu niepełnosprawności (tekst jednolity — Dz.U. z 2018 r. poz. 2027)

SUPPLEMENTARY LITERATURE

- [1] Ustawa z dnia 27 sierpnia 1997 r. o rehabilitacji zawodowej i społecznej oraz zatrudnianiu osób niepełnosprawnych (Dz.U z 2018 r. poz. 511 ze zm.)
- [2] USTAWA z dnia 25 września 2015 r. o zawodzie fizjoterapeuty
- [3] Rozporządzenie Ministra Zdrowia z dnia 26 września 2019 r. w sprawie wykazu wyrobów medycznych wydawanych na zlecenie (Dz. U. poz. 1899)