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Syllabus for academic year: 2021/2022													
Training cycle: 2020/2025													
Description of the course													
Course	Rehabilitation Rehabilitacja	Group of detailed education results											
		Group code	Group name										
		E	General Clinical Sciences (non – interventional)										
Faculty	Dentistry												
Major	dentistry												
Level of studies	X uniform magister studies												
Form of studies	X full-time												
Year of studies	II	Semester:		X winter									
Type of course	X obligatory												
Language of study	X English												
Number of hours													
Form of education													
	Lectures (L)	Seminars (SE)	Auditorium classes (AC)	Major Classes – not clinical (MC)	Clinical Classes (CC)	Laboratory Classes (LC)	Classes in Simulated Conditions	Practical Classes with Patient (PCP)	Foreign language Course (FLC)	Physical Education (PE)	Vocational Practice (VP)	Directed Self-Study (DSS)	E-learning (EL)
Winter semester:													
Department of Experimental Surgery and Biomaterial Research													
Direct (contact) education ¹		15											
Distance learning ²													
Educational objectives C 1. Transfer of knowledge in the field of diagnostic and therapeutic procedures. C 2. Get to know the latest methods and techniques of physiotherapy treatment. C 3. Get to know the practical application of methods of physiotherapy. C 4. Shaping the appropriate ethical and proper communication skills.													
Education result for course in relation to verification methods of the intended education result and the type of													

1

2

class:			
Number of detailed education result	Student who completes the course knows/is able to	Methods of verification of intended education results	Form of didactic class
E.W1	Knows and understands the relationship between morphological abnormalities and the function of altered organs, systems, and resulting clinical symptoms, as well as the possibilities of diagnosis and treatment;	Make an oral statement during discussion and multimedia presentation Discussion Single choice test	SE
E.W2	Knows and understands the basic methods of medical examinations, including the role of additional tests in the diagnosis, monitoring, prognosis and prevention of organ and systemic disorders, with particular emphasis on their impact on the tissues of the oral cavity;	Make an oral statement during discussion and multimedia presentation Discussion Single choice test	SE
E.W19	Knows the methods used in medical rehabilitation, its goals and planning methodology;	Oral multimedia presentation Discussion Single choice test	SE

* L- lecture; SE- seminar; AC- auditorium classes; MC- major classes (non-clinical); CC- clinical classes; LC- laboratory classes; CSC- classes in simulated conditions; PCP- practical classes with patient; FLC- foreign language course; PE- physical education; VP- vocational practice; DSS- directed self-study; EL- E-learning

Student's amount of work (balance of ECTS points):

Student's workload (class participation, activity, preparation, etc.)	Student Workload
1. Number of hours of direct contact:	15
2. Number of hours of distance learning:	
3. Number of hours of student's own work:	7,5
4. Number of hours of directed self-study	
Total student's workload	22,5
ECTS points for course	0,5

Content of classes:

Seminars: 5 times for 3 hours

1. Rehabilitation therapies used in dentistry - basic concepts, short description of methods; Health and safety rules when carrying out physical treatments; Dental diseases requiring physiotherapeutic and physical therapy.
2. Anamnesis and physical examinations for the needs of dental rehabilitation; Current treatment - the course of the rehabilitation process, devices; Facial nerve palsy - the course of the rehabilitation process, devices.
3. Application of pulsed magnetic field therapy in dentistry - description of devices, course of therapy; Ultrasound therapy - description of devices, course of therapy; Laser biostimulation - description of devices, course of therapy, phenomena affecting the tissue, treatment effects.
4. Rehabilitation of the temporomandibular joint; Bruxism - description of the disease, methods of treatment, devices, treatment effects; Magnetotherapy.
5. Ultrasound therapy; Infrared light therapy - description of devices, course of therapy.

Basic literature

1. D.A. Pasani : Bruxism: Theory and Practice. Publishing Quintessence 2010
2. D. Manfredini : Current concepts on temporomandibular disorders. Quintessence Publishing; 2010

Preliminary conditions:

Knowledge of basic knowledge in the field of normal anatomy and biophysics from the 1st semester

Conditions to receive credit for the course:

Student's activity during classes, one choice test. a test is considered to be a class after reaching min 60% of the points.

	Criteria for courses ending with a credit
Credit	Reaching min 60% of the points at the ending test

Unit realizing the course:	Department of Experimental Surgery and Biomaterial Research
Unit address:	St. Bujwida 44 , 50-368 Wroclaw
Telephone:	71/78 40 131 (132, 135)
E-Mail:	zbignew.rybak@umed.wroc.pl, maria.szymonowicz@umed.wroc.pl

Person responsible for the course:		Prof. dr hab. Zbigniew Rybak		
Telephone:		71/78 40 131		
E-Mail:		zbigniew.rybak@umed.wroc.pl		
List of persons conducting specific classes:				
Name and surname	Degree/scientific or professional title	Discipline	Performed profession	Form of classes
Zbigniew Rybak	Phd	Medical Sciences	Doctor, surgeon	seminar
Wojciech Zakrzewski	DDS		Doctor, dentist	seminar

Date of Syllabus development

Syllabus developed by
Dr n. med. Maria Szymonowicz
 Dr n. med. Maria Szymonowicz

Signature of Head of teaching unit

Rybak
 Prof. dr hab. Zbigniew Rybak

Dean's signature

Uniwersytet Medyczny we Wrocławiu
 WYDZIAŁ
 LEKARSKO-STOMATOLOGICZNY
 DZIECIĄT

.....
 prof. dr hab. Marcin Mikułewicz