

**TABLE OF GENERAL AND SPECIFIC DIRECTIONAL LEARNING OUTCOMES (KEU) IN RELATION TO
UNIVERSAL CHARACTERISTICS OF THE SECOND DEGREE OF THE POLISH QUALIFICATIONS
FRAMEWORK (PRK)**

Name of the university: Gdansk College of Health		
Name of the program: Physiotherapy		
Definition of the leading discipline , from which the study course was separated: health science		
Educational level: uniform Master's degree programme according to the standard of education preparing for the profession of physiotherapist		
Learning profile: practical profile		
Symbol for general directional learning outcomes (OKEU):	OVERALL LEARNING OUTCOMES:	REFERENCE TO THE SECOND DEGREE CHARACTERISTICS
KNOWLEDGE – a graduate knows and understands:		
O.K_W01	issues in the field of scientific discipline -biological sciences, including the development, structure and functions of the human body under normal and pathological conditions	P7S_WG
O.K_W02	issues in the field of scientific discipline - medical science, including etiology, pathomechanism, symptoms and course of the most common diseases	P7S_WG
O.K_W03	issues in scientific disciplines - psychology, pedagogy, sociological sciences, philosophy and bioethics	P7S_WG
O.K_W04	principles of the impact of mechanical forces on the body of a healthy and ill person, including the elderly, with different dysfunctions and diseases, under different conditions	P7S_WG
O.K_W05	the mechanism of the impact of physical factors on the human body and the effect of physical treatments on people with various diseases and dysfunctions, including the elderly, under various conditions	P7S_WG
O.K_W06	indications and contraindications for physical and massage treatments, kinesitherapy and manual therapy as well as special physiotherapy methods	P7S_WG
O.K_W07	recommendations for physiotherapy in specific medical conditions	P7S_WG

O.K_W08	principles of operation of medical devices and their use in treating people with different diseases and dysfunctions, including the elderly, in different conditions	P7S_WG
O.K_W09	specialist issues in the theory, methodology and practice of physiotherapy	P7S_WG
O.K_W10	issues in the field of functional diagnostics for physiotherapy purposes, planning physiotherapy proceedings and controlling their effects - at an advanced level	P7S_WG
O.K_W11	issues related to shaping, maintenance and restoring fitness and performance in people of all ages, including the elderly, lost or reduced as a result of various diseases or injuries, as well as principles of health promotion - at an advanced level	P7S_WG
O.K_W12	legal and economic aspects of functioning of entities dealing with rehabilitation of people with disabilities	P7S_WK
O.K_W13	ethical, legal and social conditions for exercising the profession of physiotherapist	P7S_WK
SKILLS – a graduate knows and understands:		
O.K_U01	how to perform physical therapy, kinesitherapy, massage and manual therapy as well as special physiotherapy methods	P7S_UW
O.K_U02	how to interpret the results of functional tests and conduct functional tests necessary to select physiotherapy agents and interpret their results	P7S_UW
O.K_U03	how to create, verify and modify physiotherapy programmes for people with various dysfunctions, including the elderly, according to their clinical and functional status, and as part of a comprehensive rehabilitation process	P7S_UW
O.K_U04	how to control the effects of physiotherapy	P7S_UW
O.K_U05	how to select medical devices according to the type of dysfunction and the needs of the patient at each stage of rehabilitation and instruct the patient how to use them	P7S_UW
O.K_U06	how to apply activities in the field of adapted physical activity and sport for people with disabilities for planning, selecting, modifying and creating various forms of recreational and sports activities for people with special needs, including the elderly	P7S_UW
O.K_U07	how to apply actions aimed at health education, health promotion, disability prevention as well as primary and secondary prevention of diseases	P7S_UW
O.K_U08	how to demonstrate high physical fitness to correctly demonstrate the performance of kinesitherapy, massage and manual therapy treatments and the use of special methods in people with different diseases, dysfunctions and with different types and degrees of disability	P7S_UW

O.K_U09	how to plan your own educational activities and continuously improve your knowledge	P7S_UU
O.K_U10	how to inspire others to learn and be physically active	P7S_UU
O.K_U11	how to communicate with the patient and their family in an atmosphere of trust, taking into account the patient's needs and rights	P7S_UK
O.K_U12	how to communicate with colleagues in the team and share knowledge	P7S_UK
O.K_U13	how to use knowledge in the field of rationalization and optimization of physiotherapy, also cooperating in the therapeutic team	P7S_UO
O.K_U14	how to act in accordance with ethical and bioethical principles in performing activities appropriate for the profession of physiotherapist	P7S_UW
COMPETENCES – a graduate knows and understands:		
O.KS_01	how to establish and maintain respectful contact with the patient, as well as to show understanding of world and cultural differences	P7S_KR
O.KS_02	practising the profession, being aware of the role that a physiotherapist plays in society, including the local community	P7S_KR
O.KS_03	presenting an attitude promoting a healthy lifestyle, promoting and actively creating a healthy lifestyle and health promotion during activities related to the profession and determining the level of fitness necessary to practise as a physiotherapist	P7S_KO
O.KS_04	respect for patient rights and professional ethics	P7S_KR
O.KS_05	how to notice and recognize one's own limitations, how to self-evaluate deficits and educational needs	P7S_KK
O.KS_06	the use of objective sources of information	P7S_KK
O.KS_07	the implementation of 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	P7S_KR
O.KS_08	the formulation of opinions on various aspects of professional activity	P7S_KK
O.KS_09	how to assume responsibility for decisions taken in the course of their professional activities, also in terms of their own and others' safety	P7S_KR
Symbol for detailed directional learning	LEARNING OUTCOMES:	REFERENCE TO THE SECOND DEGREE CHARACTERISTICS

outcomes (SKEU):		
KNOWLEDGE – a graduate knows and understands:		
A.W01	the anatomical structure of individual systems of the human body and the basic relations between their structure and function in conditions of health and illness, in particular the locomotor system	P7S_WG
A.W02	types of imaging methods, their principles and their diagnostic value (X-ray, ultrasonography, computed tomography, magnetic resonance imaging)	P7S_WG
A.W03	the anatomical nomenclature necessary to describe the health status	P7S_WG
A.W04	basic physical properties, structure and functions of cells and tissues of the human body	P7S_WG
A.W05	embryonic development, organogenesis and stages of embryonic and sexual development of human	P7S_WG
A.W06	basic mechanisms of processes taking place in the human body from childhood through maturity to old age	P7S_WG
A.W07	basic metabolic processes taking place at the cellular, organ and body level, including hormonal regulation, reproduction and ageing processes and their changes under the influence of physical effort or as a result of certain diseases	P7S_WG
A.W08	the basis for the functioning of the various systems of the human body and the organs of movement and sense	P7S_WG
A.W09	kinesiological mechanisms of movement control and regulation of metabolic processes taking place in the human body and physiology of physical effort	P7S_WG
A.W10	methods of assessing the function of individual organs and systems and the possibility of using them to assess the patient's functional condition in different clinical areas	P7S_WG
A.W11	the mechanism of action of pharmacological agents used in the framework of different human diseases and systems, the principles of their administration and their limitations and side effects, as well as the impact of these agents on the patient's performance in view of the need to take them into account in the planning of physiotherapy	P7S_WG
A.W12	external physical factors and their effect on the human body	P7S_WG
A.W13	biomechanical principles of body statics and motor activity of a healthy and ill person	P7S_WG
A.W14	principles of ergonomics of everyday human and professional activities, with particular emphasis on the ergonomics of physiotherapist's work	P7S_WK
A.W15	principles of motor control and theories and concepts of the process of control and regulation of movement activity	P7S_WG
A.W16	the basics of learning how to control posture and movement, and teaching movement activities	P7S_WG
A.W17	mechanisms of development of functional disorders and pathophysiological background of disease development	P7S_WG
A.W18	general health assessment methods and symptoms of underlying disorders and lesions	P7S_WG

A.W19	methods for the assessment of basic human life functions in life-threatening conditions	P7S_WG
A.W20	genetic determinants of disease development in the human population	P7S_WG
A.W21	genetic and phenotypically related conditioning of motor skills	P7S_WG
B.W01	psychological and sociological conditions of an individual's functioning in society	P7S_WG
B.W02	psychological and social aspects of aid attitudes and activities	P7S_WG
B.W03	models of communication in healthcare, basic skills for communicating with the patient and members of an interdisciplinary therapeutic team	P7S_WK
B.W04	the principles of motivating patients to behave in a pro-healthy way and informing them about the prognosis, the importance of verbal and non-verbal communication in the process of communicating with patients and the concept of trust in the interaction with the patient	P7S_WK
B.W05	basic methods of psychotherapy	P7S_WG
B.W06	basic pedagogical and special pedagogical issues	P7S_WG
B.W07	limitations and conditions of education of people with disabilities, principles of coping with pedagogical problems in these people and contemporary trends in the revalidation of people with disabilities	P7S_WG
B.W08	basic forms and ways of conveying information using didactic means for teaching physiotherapy, training and professional development	P7S_WG
B.W09	rules of physiotherapist's profession and the functioning of physiotherapists professional self-government	P7S_WK
B.W10	legal regulations related to exercising physiotherapist's profession, including patient's rights, employer's and employee's duties, in particular resulting from civil law, labour law, industrial property protection and copyright law, as well as rules of civil responsibility in physiotherapy practice	P7S_WK
B.W11	health determinants and health threats	P7S_WG
B.W12	principles of health education and health promotion and social policy elements of health protection	P7S_WK
B.W13	health determinants and health risks and the scale of disability problems in demographic and epidemiological terms	P7S_WK
B.W14	principles of demographic analysis and basic concepts of epidemiological statistics	P7S_WK
B.W15	principles of organization and financing of the health care system in the Republic of Poland and economic conditions of providing physiotherapy services	P7S_WK
B.W16	principles of management of the therapeutic team and organization and management of entities conducting rehabilitation activities	P7S_WK
B.W17	rules for the employment of people with different degrees of disability	P7S_WK
B.W18	ethical principles of modern medical marketing	P7S_WK
B.W19	rules for simplified market analysis for planning physiotherapy activities	P7S_WK

B.W20	history of physiotherapy and directions of development of professional education, as well as international physiotherapy organizations and other physiotherapists' organizations	P7S_WK
B.W21	IT and statistical tools for the development and presentation of data and problem solving	P7S_WK
C.W01	concepts of medical rehabilitation, physiotherapy and disability	P7S_WG
C.W02	mechanisms of structural and functional disorders caused by disease or injury	P7S_WG
C.W03	mechanisms of action and possible side effects of physiotherapy measures and treatments	P7S_WG
C.W04	methods of assessment of structural and functional disorders caused by the disease or injury, diagnostic tools and methods of assessment of the patient's condition for the purposes of physiotherapy, methods of assessing the structure and function of the patient's body and its activity in different states of the disease	P7S_WG
C.W05	principles of selection of means, forms and therapeutic methods depending on the type of dysfunction, condition and age of the patient	P7S_WG
C.W06	the theoretical and methodical basis of the learning and teaching of motor activities	P7S_WG
C.W07	theoretical, methodical and practical basis of kinesitherapy, manual and massage therapy and special physiotherapy methods	P7S_WG
C.W08	indications and contraindications for exercises used in kinesitherapy, manual therapy and massage and special physiotherapy methods	P7S_WG
C.W09	theoretical, methodical and practical foundations of physiotherapy, balneoclimatology and wellness	P7S_WG
C.W10	indications and contraindications for physiotherapy, balneoclimatology and wellness treatments	P7S_WG
C.W11	principles of selection of various forms of adapted physical activity, sport, tourism and therapeutic recreation in the process of treatment and maintenance of fitness of people with special needs, including people with disabilities	P7S_WG
C.W12	legal regulations concerning the participation of people with disabilities in sports of people with disabilities, including paralympics and special olympics, and organizations active in the field of physical activity of people with disabilities	P7S_WG
C.W13	disability related training risks and limitations	P7S_WG
C.W14	principles of operation of medical devices and their use in treating people with various diseases and organ dysfunctions	P7S_WG
C.W15	the regulations concerning the list of medical devices set out in the regulations issued pursuant to Article 38 §§§ 4 of the Act of 12 May 2011 on reimbursement of medicines, foodstuffs for special nutritional purposes and medical devices (Dz. U. of 2019, item. 784)	P7S_WK
C.W16	indications and contraindications for the use of medical devices	P7S_WG
C.W17	issues related to health promotion and physioprophyllaxis	P7S_WK
D.W01	aetiology, pathomechanism, symptoms and course of locomotor system dysfunction in the field of: orthopaedics and	P7S_WG

	traumatology, sports medicine, rheumatology, neurology and neurosurgery and pediatrics, paediatric neurology, to the extent enabling the rational use of physiotherapy measures	
D.W02	principles of diagnosis and general principles and methods of treatment of the most common locomotor system dysfunctions in the field of: orthopaedics and traumatology, sports medicine, rheumatology, neurology, neurosurgery and pediatrics, paediatric neurology, to the extent enabling the rational use of physiotherapy measures	P7S_WG
D.W03	etiology, pathomechanism, symptoms and course of the most common diseases in the field of: cardiology and cardiac surgery, pulmonology, surgery, gynaecology and obstetrics, geriatrics, psychiatry, intensive care, oncology and palliative medicine, to the extent enabling rational use of physiotherapy measures	P7S_WG
D.W04	principles of diagnosis and general principles and methods of treatment in the most common diseases in: cardiology and cardiosurgery, pulmonology, surgery, gynaecology and obstetrics, geriatrics, psychiatry, intensive care, oncology and palliative medicine, to the extent enabling rational use of physiotherapy agents	P7S_WG
D.W05	principles of patient management: unconscious, after multi-place and multi-organ trauma, with spinal and spinal cord, upper limb and lower limb injuries, with regard to safe use of physiotherapy methods	P7S_WG
D.W06	general principles of subjective and objective cardiological, neurological, orthopaedic and geriatric examination	P7S_WG
D.W07	different scales for the safe use of physiotherapy methods	P7S_WG
D.W08	results of exercise tests in cardiac and pulmonary physiotherapy (bicycle ergometer test, treadmill test, marching test, spiroergometer test), NYHA (New York Heart Association) heart failure scale and MET metabolic equivalent values	P7S_WG
D.W09	general principles of subjective and subjective pulmonological examination for physiotherapy, major additional and ancillary studies and functional tests useful for qualification and monitoring of respiratory physiotherapy	P7S_WG
D.W10	rules of qualification for surgery and basic surgical procedures, including vascular amputations and minimally invasive surgery	P7S_WG
D.W11	methods of clinical examination and additional diagnostics in gynaecology and obstetrics	P7S_WG
D.W12	physiology of the ageing process and principles of geriatric care and physiotherapy	P7S_WG
D.W13	risks associated with the hospitalisation of older people	P7S_WG
D.W14	the specificity of dealing with a patient with a mental illness and the rules of proper approach	P7S_WG
D.W15	rules of management: unconscious, in acute circulatory failure, in acute respiratory failure, in shock, with sepsis diagnosed, mechanically ventilated, after craniocerebral and multiple body injury	P7S_WG
D.W16	assumptions and principles of the International Classification of Functioning Disability and Health (ICF)	P7S_WK

E.W01	research methods and techniques used in the conducted scientific research	P7S_WK
F.W01	physical phenomena occurring in the human body under external factors	P7S_WG
F.W02	theoretical, methodical and practical basics of kinesitherapy and manual therapy, special physiotherapy methods, ergonomics and physical therapy and therapeutic massage	P7S_WG
F.W03	methods of assessment of the condition of the human motor system to explain the disorders of its structure and function and for the needs of physiotherapy in dysfunctions of the motor system and internal diseases	P7S_WG
F.W04	methods of assessment of structural and functional disorders caused by disease or injury and basic human reactions to disease and pain to the extent necessary for physiotherapy	P7S_WG
F.W05	methods of description and interpretation of basic disease units and syndromes to the extent enabling rational use of physiotherapy measures and physiotherapy planning	P7S_WG
F.W06	the basis for health education, health promotion and prevention including the phenomenon of disability	P7S_WK
F.W07	principles of selection of various forms of adapted physical activity and sport disciplines of people with disabilities in comprehensive rehabilitation and maintenance of fitness of people with special needs	P7S_WG
F.W08	principles of operation of medical devices used in rehabilitation	P7S_WG
F.W09	ethical principles for working with the patient	P7S_WK
F.W10	evidence based medicine/physiotherapy principles	P7S_WK
F.W11	physiotherapeutic standards	P7S_WK
F.W12	the role of the physiotherapist in the process of comprehensive rehabilitation and other specialists in the therapeutic team	P7S_WK
F.W13	legal, ethical and methodological aspects of conducting clinical trials and the role of the physiotherapist in conducting them	P7S_WK
F.W14	principles of health promotion, its tasks and the role of a physiotherapist in promoting a healthy lifestyle	P7S_WK
F.W15	basic issues concerning psychosomatic relationships and methods of building body awareness	P7S_WK
F.W16	the tasks of individual professional physiotherapists' self-government bodies and the rights and duties of its members	P7S_WK
F.W17	physiotherapist's professional ethics	P7S_WK
F.W18	physiotherapist's professional responsibility.	P7S_WK
SKILLS – a graduate can:		
A.U01	identify and locate on phantoms and anatomical models the fundamental structures of the human body, including elements of the locomotor system such as elements of the skeletal-articular system, muscle groups and individual muscles	P7S_UW
A.U02	palpationally locate selected elements of the anatomical structure and their connections with adjacent structures, including bone elements that are places of muscle and ligament attachments and anthropometric measurement points,	P7S_UW

	superficial muscles and tendons and selected vascular-neural bundles	
A.U03	determine biochemical indicators and their changes in the course of certain diseases and under the influence of physical effort, for the safe use of physiotherapy methods	P7S_UW
A.U04	measure and interpret the results of analyses of basic indicators of cardiovascular functions (heart rate, blood pressure), blood composition and static and dynamic indicators of the respiratory system, and assess reflexes from all levels of the nervous system for the safe application of physiotherapy methods	P7S_UW
A.U05	perform a basic examination of the sensory organs and assess the balance	P7S_UW
A.U06	assess exercise capacity, exercise tolerance, fatigue and overtraining levels	P7S_UW
A.U07	use the properties of a specific group of pharmacological agents in physiotherapeutic treatments of various diseases	P7S_UW
A.U08	assess the impact of physical factors on the human body, distinguishing between normal and dysfunctional reactions	P7S_UW
A.U09	assess the condition of the human motion system under static and dynamic conditions (general, segmental, local examination) in order to detect disfunctions in its structure and function	P7S_UW
A.U10	carry out a detailed biomechanical analysis of simple and complex human movements under normal conditions and in case of various disorders of the motor system	P7S_UW
A.U11	foresee the effects of various mechanical loads on pathologically altered human body structures	P7S_UW
A.U12	assess individual motor characteristics	P7S_UW
A.U13	assess physical and functional fitness based on current tests for all age groups	P7S_UW
A.U14	interview and analyse the information collected to the extent necessary for physiotherapy	P7S_UW
A.U15	recognize situations that threaten the health or life of a person and provide qualified first aid in situations that threaten the health and life of a person and carry out cardiopulmonary resuscitation in adults and children.	P7S_UW
B.U01	communicate in a foreign language at B2+ level of the Common European Framework of Reference for Languages	P7S_UK
B.U02	to perceive and recognise, with regard to the safe application of physiotherapy methods, psychological problems in people, including the elderly, with different dysfunctions and of different ages, and assess their impact on the course and effectiveness of physiotherapy	P7S_UK
B.U03	apply appropriate forms of therapeutic and educational procedures supporting the process of rehabilitation of a person with disabilities	P7S_UK
B.U04	organise activities aimed at health education, health promotion and disability prevention	P7S_UW
B.U05	carry out screening in the prevention of dysfunction and disability	P7S_UW
B.U06	estimate the cost of the physiotherapy procedure	P7S_UW

B.U07	conduct a simplified market analysis for the planning of physiotherapy activities	P7S_UW
B.U08	identify the basic ethical issues concerning modern medicine, life and health protection and take into account cultural, religious and ethnic factors of patients in the planning and course of physiotherapy	P7S_UW
B.U09	demonstrate motor skills in selected forms of physical activity (recreational and health)	P7S_UW
B.U10	conduct a conversation with an adult patient, a child and the patient's family using the technique of active listening and expressing empathy, as well as talk to the patient about his/her health situation in an atmosphere of trust during the whole physiotherapeutic procedure	P7S_UK
B.U11	provide the patient with information on the purpose, course and possible risks of the proposed diagnostic or physiotherapeutic measures and obtain his/her informed consent	P7S_UK
B.U12	communicate with colleagues within the team, giving them feedback and support.	P7S_UK
C.U01	carry out a subject study, a physical examination and basic functional examinations and tests appropriate for physiotherapy, including measurements of length and circumference of limbs, range of joint mobility and muscle strength	P7S_UW
C.U02	fill in the documentation of the patient's health condition and physiotherapy programme	P7S_UW
C.U03	select and conduct kinesitherapy aimed at shaping particular motor abilities in healthy people and people with various dysfunctions, carry out movement classes with a specific purpose, conduct reeducation of gait and postural education and re-education of upper limb functions	P7S_UW
C.U04	instruct the patient on how to perform movement exercises at home, how to use medical devices and use everyday objects for therapeutic purposes, instruct the caregiver on how to take care of a person with special needs and of the child - in order to stimulate proper development	P7S_UW
C.U05	construct medical training, including a variety of exercises, adjust individual exercises to the needs of the practitioners, select appropriate instruments and equipment for movement exercises and grad the difficulty of the exercises performed	P7S_UW
C.U06	select individual exercises for people with different disorders and functional abilities and methodically teach them, grading the intensity of difficulty and physical effort	P7S_UW
C.U07	demonstrate the motor skills necessary to demonstrate and ensure safety during individual exercises	P7S_UW
C.U08	plan, select and perform kinesitherapy, manual and massage treatments and special physiotherapy methods	P7S_UW
C.U09	operate and use kinesitherapy, physical therapy, massage and manual therapy equipment and special physiotherapy methods	P7S_UW
C.U10	demonstrate advanced manual skills to apply appropriate kinesitherapy, massage and manual therapy techniques and special physiotherapy methods	P7S_UW

C.U11	plan, select and perform physical therapy, balneoclimatology and wellness treatments	P7S_UW
C.U12	operate equipment for physical therapy, balneoclimatology and wellness treatments	P7S_UW
C.U13	instruct people with special needs, including people with disabilities, in various forms of adapted physical activity, sport, tourism and therapeutic recreation	P7S_UK
C.U14	instruct people with disabilities in self-service and mobility, including self-movement and overcoming obstacles in active wheelchairs	P7S_UK
C.U15	conduct classes in selected sports for people with disabilities, including demonstrating elements of technique and tactics in selected sports for people with disabilities	P7S_UW
C.U16	select medical devices according to the type of dysfunction and needs of the patient at each stage of physiotherapy and instruct the patient to use them	P7S_UW
C.U17	take actions to promote healthy lifestyles at different levels and design a prevention programme according to the patient's age, gender, health and living conditions, with particular emphasis on physical activity.	P7S_UW
D.U01	conduct a detailed examination for physiotherapy and functional tests of the locomotor system and record and interpret its results	P7S_UW
D.U02	carry out biomechanical analysis of simple and complex human movements under normal conditions and in dysfunctions of the motion system	P7S_UW
D.U03	assess the condition of the human motion system under static and dynamic conditions (general, sectional, local examination), perform gait analysis and interpret the results obtained	P7S_UW
D.U04	select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures in patients after injuries within soft tissues of the locomotor system treated conservatively and surgically, after injuries within the limbs (contusions, sprains, dislocations and fractures) treated conservatively and surgically, after spinal injuries without paralysis and in case of stable and unstable spinal fractures	P7S_UW
D.U05	select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures for patients after planned (pre- and postoperative) and traumatic amputations, teach them how to walk in a prosthesis and how to handle upper limb amputations, including instructions on how to use the prosthesis	P7S_UW
D.U06	select - depending on the patient's clinical and functional condition - and conduct pre- and postoperative physiotherapeutic procedures in patients after reconstructive orthopaedic procedures, including those after arthroscopic and endoprosthetic procedures	P7S_UW
D.U07	instruct patients or their caregivers to exercise and train medically at home, to use medical devices and to use everyday objects for therapeutic purposes	P7S_UK

D.U08	perform functional tests useful in rheumatology, such as the assessment of joint damage and deformities, hand function and locomotion in patients with rheumatic diseases	P7S_UW
D.U09	plan, select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures in patients with rheumatic diseases, attachment disorders	P7S_UW
D.U10	perform verticalisation and ambulation exercises in patients with rheumatoid diseases, as well as functional improvement of the hand in rheumatoid disease	P7S_UW
D.U11	instruct patients with rheumatic diseases to perform exercises at home, how to use medical devices, including those improving grasping function	P7S_UK
D.U12	conduct a neurological examination for physiotherapy and functional tests	P7S_UW
D.U13	perform physiotherapy procedures in patients with symptoms of brain stem, cerebellum and cerebrum damage, with particular emphasis on stroke, Parkinsonism, demyelinating diseases and physiotherapy procedures in patients after spinal fractures with paralysis, as well as conduct proceedings aimed at alleviating trophic and excretory disorders, verticalisation and ambulation or moving in a wheelchair in patients after spinal injuries	P7S_UW
D.U14	plan, select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures in patients after peripheral nerve damage, in polyneuropathy, in neuromuscular diseases, in primary muscular diseases and in various pain syndromes	P7S_UW
D.U15	put the patient in bed and perform kinesitherapy in bed in patients with nervous system damage, perform verticalisation and ambulation exercises, as well as perform physical re-education of the upper limb in patients after strokes	P7S_UW
D.U16	instruct patients with neurological diseases to perform exercises at home, use medical devices and use everyday objects for therapeutic purposes	P7S_UK
D.U17	interview and collect basic information on the child's development and health	P7S_UW
D.U18	assess the psychomotor development of the child	P7S_UW
D.U19	carry out an assessment of the spontaneous activity of the newborn and infant	P7S_UW
D.U20	assess the child's level of functional motor and communication skills on the basis of appropriate scales	P7S_UW
D.U21	conduct a clinical assessment of increased or decreased muscle tone in the child, including spasticity and stiffness	P7S_UW
D.U22	perform a clinical posture assessment, including Bunnell's scoliometer, and a punctual and biostereometric posture assessment, and interpret the results of these assessments	P7S_UW
D.U23	on the basis of a spinal X-ray, determine the Cobb angle, the angle of rotation according to one of the accepted evaluation methods, assess the bone age on the basis of the Risser test and interpret their results, and on this basis qualify scoliosis for appropriate physiotherapeutic management	P7S_UW

D.U24	plan, select - depending on the patient's clinical and functional condition - and conduct physiotherapeutic procedures in children and adolescents with musculoskeletal diseases such as: congenital defects, posture defects, sterile bone necrosis	P7S_UW
D.U25	plan, select - depending on the patient's clinical and functional condition - and carry out pre- and postoperative procedures in children undergoing surgery	P7S_UW
D.U26	plan, select - depending on the patient's clinical and functional condition - and conduct physiotherapeutic management in children and adolescents with motor disorders of central origin, cerebral palsy, spinal dysraphism, neuromuscular diseases, perinatal plexus and peripheral nerve damage, neuro- and myogenic atrophy (atrophies and muscular dystrophies)	P7S_UW
D.U27	instruct child carers in the so-called motor rehabilitation, instruct children and their carers with regard to exercising at home, the use of medical devices and the use of everyday objects for therapeutic purposes	P7S_UK
D.U28	carry out basic measurements and functional tests, including heart rate, blood pressure measurement, marching test, get up and go, functional test on a treadmill according to Bruce protocol and modified Naughton protocol and exercise test on a cycloergometer	P7S_UW
D.U29	plan, select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures in patients with heart failure, hypertension, ischemic heart disease, after myocardial infarction, arrhythmia and acquired heart defects	P7S_UW
D.U30	plan, select - depending on the patient's clinical and functional condition - and perform physiotherapy procedures in patients qualified for heart surgery, after cardiac surgery, with an implanted pacemaker and after treatment with interventional cardiology methods	P7S_UW
D.U31	instruct the patient to perform breathing exercises and relaxation techniques in cardiac physiotherapy	P7S_UK
D.U32	instruct a patient with cardiovascular diseases to exercise at home and to be physically active as a form of secondary prevention	P7S_UK
D.U33	perform functional tests of the respiratory system, including spirometry, and interpret the results of the spirometry, exercise and gas test	P7S_UW
D.U34	plan, select - depending on the patient's clinical and functional condition - and perform exercises in various respiratory diseases (acute and chronic), in diseases with predominantly restrictive disorders and in diseases with predominantly obstructive disorders	P7S_UW
D.U35	perform respiratory physiotherapy procedures in various pulmonological diseases, conditions after chest trauma, conditions after chest surgery and after lung transplants	P7S_UW
D.U36	instruct a patient with respiratory disease to exercise at home and to use secondary prevention measures	P7S_UK

D.U37	plan, select - depending on the patient's clinical and functional condition - and perform physiotherapeutic procedures in patients with functional and organic peripheral vascular diseases and patients after vascular amputation	P7S_UW
D.U38	implement a strategy of early patient activation after abdominal or chest cavity surgery, perform physiotherapeutic procedures to relax the lungs and facilitate bronchial cleansing, instruct on prevention of early and late postoperative complications and give recommendations for outpatient postoperative physiotherapy	P7S_UW
D.U39	apply the International Classification of Functioning, Disability and Health (ICF)	P7S_UW
D.U40	plan, select and perform postpartum physiotherapy procedures to eliminate unfavourable symptoms, in particular from the cardiovascular, osteoarticular and muscular systems	P7S_UW
D.U41	instruct pregnant women to perform preparation exercises for childbirth and during the postpartum period	P7S_UK
D.U42	perform physiotherapeutic procedures in patients with incontinence and instruct them to exercise at home	P7S_UW
D.U43	plan and select cardiopulmonary and respiratory exercises for children and adolescents - depending on the patient's clinical and functional condition - and instruct the carers of children and adolescents to perform these exercises	P7S_UW
D.U44	carry out an overall geriatric evaluation and interpret its results	P7S_UW
D.U45	select and perform geriatric physiotherapy treatments and instruct elderly people to exercise at home and use various forms of recreation	P7S_UW
D.U46	plan, select - depending on the patient's clinical and functional status - and perform physiotherapy procedures for women after mastectomy, including management of lymphoedema and impairment of upper limb function	P7S_UW
D.U47	apply the principles of proper communication with the patient and communicate with other members of the therapeutic team	P7S_UK
D.U48	take action to improve the quality of life of the patient, including the patient in the terminal period, using rehabilitation equipment	P7S_UW
D.U49	Plan, select and modify rehabilitation programs for patients with various locomotor dysfunctions and internal diseases depending on the clinical, functional and mental (cognitive-emotional) state of the patient, his needs and the needs of actual caregivers.	P7S_UW
E.U01	plan research and discuss its objective and expected results	P7S_UU
E.U02	interpret scientific research and relate it to the state of the art	P7S_UU
E.U03	use domestic and foreign specialist scientific literature	P7S_UU
E.U04	conduct a scientific study, interpret and document its results	P7S_UU
E.U05	present the results of the scientific study.	P7S_UU
F.U01	basic therapeutic methods	P7S_UW
F.U02	perform kinesitherapy, manual therapy, physiotherapy and therapeutic massage treatments on their own	P7S_UW
F.U03	create, verify and modify improvement programmes for people with various locomotor system and other organs and systems dysfunctions, according to their clinical and functional status and the objectives of comprehensive rehabilitation	P7S_UW

F.U04	demonstrate specialist motor skills in selected forms of physical activity	P7S_UW
F.U05	select medical devices according to the type of dysfunction and the needs of the patient at each stage of rehabilitation	P7S_UW
F.U06	use medical devices and instruct the patient how to use them	P7S_UW
F.U07	use and operate apparatus, physiotherapy and functional examination equipment and prepare the workplace	P7S_UW
F.U08	work in an interdisciplinary team ensuring continuity of patient care and communicate with other team members, with the patient and his/her family	P7S_UO
F.U09	enter the data and information obtained as well as a description of the effects of treatments and therapeutic measures in the patient's records	P7S_UW
F.U10	initiate, organise and implement actions aimed at health education, health promotion and disability prevention	P7S_UW
F.U11	define the scope of their professional competences and cooperate with representatives of other medical professions	P7S_UO
F.U12	independently perform entrusted tasks and organise one's own work properly and take responsibility for it	P7S_UO
F.U13	work in a team and take responsibility for participating in decision-making	P7S_UO
F.U14	actively participate in the therapeutic team	P7S_UO
F.U15	actively participate in discussions on professional issues, taking into account ethical principles	P7S_UU
F.U16	comply with the principles of professional deontology, including physiotherapist's professional ethics	P7S_UW
F.U17	respect patient rights	P7S_UW
F.U18	establish a relationship with patients and colleagues based on mutual trust and respect	P7S_UK