

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KFZ/KLCM4-ER/25</i>	Course title: <i>Clinical Examination in Physiotherapy 4</i>
Type, scope and method of educational activity: Type of educational activity: <i>Practical seminar</i> Scope of educational activity: <i>12 hour per week, 156 per semester</i> Method of educational activity: <i>Attendance</i>	
Number of credits: 8	
Recommended semester:	
Study grade: <i>Master</i>	
Prerequisites: <i>6KFZ/KLCM3/22 - Clinical Examination in Physiotherapy 3</i>	
Conditions for passing the course: Form of assessment: Continuous evaluation: <i>participation in exercises - 40 points</i> <i>Practical exercises - 40 points</i> <i>seminar paper - 20bodov</i> Final evaluation: <i>Conditions for passing the course:</i> <i>Attendance at clinical exercises at least 90% of teaching hours (156 hours).</i> <i>The subject is continuously evaluated. During the semester, there will be one written examination for 50 points (preparation 12 hours).</i> <i>During the semester, the student will process and record physiotherapeutic examinations and rehabilitation programs for selected diagnoses in the clinical practice recorder (12 hours). A student will not be awarded credits if he / she obtains less than 15 points (%) for one of the tasks.</i> <i>To obtain an A rating (excellent) he must obtain at least 92%, to obtain an B rating 84%, to obtain a C rating at least 76%, to obtain a D rating 65%, to obtain an E rating at least 51%. A student who obtains less than 51% will be graded FX. The final evaluation is calculated as the average of the evaluations of both inspections. Credits will not be awarded to a student who obtains less than 12 points (%) from any written check.</i>	
Learning outcomes: <i>Learning outcomes:</i> <i>The aim of clinical exercises in physiotherapy is to teach students to practically apply examination and physiotherapeutic methods and procedures in clinical conditions.</i> <i>The graduate of the course can:</i> <ul style="list-style-type: none"> • <i>analyze the problems of kinesiology in physiotherapeutic practice, distinguish the origin of the detected changes in the locomotor system, i. thorough functional differential diagnosis</i> • <i>is able to design the most effective therapeutic procedures based on the analysis of the obtained data</i> • <i>can implement selected movement programs</i> • <i>respect and master the ethical and legal principles related to the application of acquired knowledge to clinical practice</i> • <i>discuss possible therapeutic procedures in the treatment of disorders of the musculoskeletal system, including methods of psychomotor relaxation</i> • <i>knows the basics of codes of ethics related to methods and techniques of applied kinesiology</i> • <i>is able to search and navigate in national and international databases and implement the obtained data into clinical practice.</i> Knowledge: <i>Students, after getting acquainted with basic information, have an adequate level of understanding and skills at an adequate level for:</i> <ul style="list-style-type: none"> - <i>Defining and describing physiotherapy methodologies</i> - <i>Explaining the principles of methodologies and their use in practice</i> - <i>Description and qualitative evaluation of movement from the point of view of kinesiology</i> - <i>Characterization and diagnosis of pathological manifestations of movement</i> Skills: <i>The student has the ability to apply knowledge especially in the field of cognitive and practical:</i> <ul style="list-style-type: none"> - <i>Apply investigative and therapeutic methods of physiotherapy in practice</i> 	

- Based on the initial kinesiological analysis, plan a physiotherapeutic plan for the elimination of pathology
- Develop new concepts of kinesiological analysis and apply them in practice

Acquired competencies:

- The student acquires professional competence / competence to perform his / her original profession or prepares to continue in the follow-up university study (§ 51 para. 1 of Act No. 131/2002) in accordance with the Decree of the Ministry of Education of the Slovak Republic as a field of knowledge (§ 50 para. Act No. 13/2002).
- The student is able to analyze the problems of kinesiology in physiotherapeutic practice, to distinguish the origin of the detected changes in the locomotor system, i. thorough functional differential diagnostics, is able to design the most effective therapeutic procedures based on the analysis of the obtained data, can implement selected exercise programs, respect and control ethical and legal principles related to the application of acquired knowledge in clinical practice, discuss possible therapeutic procedures in the treatment of musculoskeletal disorders system, including methods of psychomotor relaxation.
- The student knows the basics of ethical codes related to methods and techniques of applied kinesiology and is able to search and navigate in national and international databases and implement the data into clinical practice.

Course content:

Measuring in physiotherapy.

Examination of movement stereotypes, hypermobility, the specific functional tests.

Implementation of methodologies: PNF, methods of nurse Kenny, Bobath's methodology, spinal exercises, Kaltenborn drills, Becker, Klapp, Schroth, Freeman Brunkow's methodology, disorders of balance exercises, mobilization techniques.

Implementation of basic physiotherapy methodologies and examinations under the supervision of teacher in individual departments

Recommended literature :

Hátlová, B. Kinezioterapie. Praha: Karolinum, 2003

Janda, V. - Pavlů, D. - Herbenová, A.: Svalový systém - vyšetření síly svalové I. Praha, Karolinu, 1994

Janda, V. - Pavlů, D. - Herbenová, A.: Svalový systém - vyšetření síly svalové II., vyšetření zkrácených svalů, vyšetření hypermobility. Praha, Karolinum 1994.

Kociová, K., Istoňová M., Mikuláková, W. Klinický záznamník II. 1.vyd. Fakulta zdravotnictva Prešovskej univerzity v Prešove. 145 s. 2008.

Kolář, P. et. kol. 2009. Rehabilitace v klinické praxi. I. vyd. Praha: Galen, 713 s.

Lewit, K. 2003. Manipulační léčba v myoskeletální medicíně. 5. vyd. Praha: Sdělovací technika spol. s. r. o., 2003. 411 s.

Vele F.: Neurofyziologie. Karolinum, Praha 1995

Véle, F. Kineziologie pro klinickou praxi, Grada, Praha 1997

Vojta V., Peters, A: Vojtův princip. Grada, Praha 2010

Vojta V.: Mozkové hybné poruchy v kojeneckém věku. Grada, Praha 1993.

Gross, J.M. et al. Vyšetření pohybového aparátu. Praha: Triton, 2005

Takáč, P. Klinická propedeutika v rehabilitácii. TU v Trnave: 2003

Language which is necessary to complete the course:

Notes:

The student is required to complete 90% of practical training.

An individualized approach is provided for students with special needs based on the recommendation of the faculty coordinator for students with special needs. Instructions on how to develop the assigned task are published on the faculty's website: <https://www.unipo.sk/public/media/26637/Pravidla-hodnotenia-zataze-studenta.pdf>

Course evaluation:

Total number of students evaluated: 0

A	B	C	D	E	FX
0%	0%	0%	0%	0%	0%

Lecturers:

doc. MUDr. Eleonóra Klímová, CSc., univer. prof., guarantor PhDr. Jakub Čuj, Ph.D., co-guarantor, examiner

Date of last change: 01.09.2024

Approved by: doc. MUDr. Eleonóra Klímová, CSc., univer. prof.