

COURSE DESCRIPTION

University: <i>University of Presov</i>	
Faculty/university workplace: <i>Faculty of Health Care</i>	
Code: <i>6KFZ/KLCM3-ER/25</i>	Course title: <i>Clinical Examination in Physiotherapy 3</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/KLCM2/22 - Clinical Examination in Physiotherapy 2</i>	
Conditions for passing the course: Form of assessment: <i>Evaluated credit</i> 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>The success criteria (percentage expression of the results in the evaluation of the subject) are as follows for the classification levels:</i> <i>a) A: 100,00 – 90,00 %</i> <i>b) B: 89,99 – 80,00 %</i> <i>c) C: 79,99 – 70,00 %</i> <i>d) D: 69,99 – 60,00 %</i> <i>e) E: 59,99 – 50,00 %</i> <i>f) FX: 49,99 and less %</i>	
Learning outcomes: <i>The goal of clinical exercises in physiotherapy is to teach students to practically apply examination and physiotherapy methods and procedures in clinical conditions.</i> <i>A graduate of the course can:</i> <ul style="list-style-type: none"> <i>• analyze the problems of kinesiology in physiotherapy practice, distinguish the origin of detected changes in the movement system, i. e. thorough functional differential diagnosis</i> <i>• is able to propose the most effective therapeutic procedures based on the analysis of the obtained data</i> <i>• can implement selected movement programs</i> <i>• respect and control the ethical and legal principles related to the application of acquired knowledge in clinical practice</i> <i>• discuss possible therapeutic procedures for correcting disorders of the support-movement system, including methods of psychomotor relaxation</i> <i>• knows the basics of ethical codes related to the 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> <i>Knowledge:</i> <i>Students, after familiarizing themselves with the basic information, have an adequate level of understanding and ability at an adequate level for:</i> <ul style="list-style-type: none"> <i>- Defining and describing physiotherapy methods</i> <i>- Explaining the principles of the methodologies and their use in practice</i> 	

- Describing and qualitative assessment of movement from the point of view of kinesiology
- Characterization and diagnosis of pathological manifestations of movement

Skills:

The student has the ability to apply knowledge, especially in the cognitive and practical areas:

- Apply investigative and therapeutic methods of physiotherapy in practice
- Plan a physiotherapy plan for the elimination of pathology based on the initial kinesiology analysis
- Develop new concepts of kinesiological analysis and apply them in practice

Acquired competences:

- The student acquires the professional ability/competence to perform his original profession, or prepares to continue further university studies (§ 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. 1 Act No. 13/2002).
- The student is able to analyze the problems of kinesiology in physiotherapy practice, distinguish the origin of detected changes in the movement system, i.e. thorough functional differential diagnosis, is able to propose the most effective therapeutic procedures based on the analysis of the obtained data, is able to implement selected movement programs, respect and control the ethical and legal principles related to the application of the acquired knowledge in clinical practice, discuss possible therapeutic procedures for the treatment of disorders of the support and movement system, including methods of psychomotor relaxation.
- The student knows the basics of ethical codes related to the methods and techniques of applied kinesiology and is able to search and navigate in national and international databases and implement the obtained data into clinical practice.

Course content:

Physiotherapy measurements and examinations.

Examination of movement stereotypes, hypermobility, specific functional tests.

Implementation of methodologies: PNF, Sister Kenny's methods, Bobath's methodology, exercises according to Kaltenborn, Becker, Klapp, Schroth, Freeman, Brunkow, exercises for balance disorders, mobilization techniques, selected elements of yoga - spinal exercises, 5 Tibetans.

Implementation of basic physiotherapy methods and examinations under the supervision of a lecturer at individual clinical 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 obliged to complete 90% of practical teaching.

Individualized access is provided for students with specific needs based on the recommendation of the faculty coordinator for students with specific needs. Instructions on how to complete the assigned task are published on the faculty's website: <https://www.unipo.sk/public/media/26637/Pravidla-hodenenia-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.