

COURSE INFORMATION SHEET

University: Catholic University in Ružomberok	
Faculty: Faculty of Health	
Course code: KFYZIO/54F1002W/17	Course title: Physiotherapeutic Diagnostics 1
Type and range of planned learning activities and teaching methods: Form of instruction: Lecture / Seminar Recommended study range: hours weekly: 1 / 2 hours per semester: 12 / 24 Teaching method: on-site (distance method according to the document Príkaz rektora P-8/2020 since 15. 10. 2020)	
Credits: 3	
Recommended semester/trimester: 1.	
Level of study: I.	
Prerequisites:	
Requirements for passing the course: Conditions for passing the course: The control of self-study takes place by assigning and elaborating the semester work and its presentation, it forms 10% of the evaluation in the final evaluation of the subject. During the semester: there will be two written examinations in practice classes and two oral examinations in practice. To participate in the exam, it is necessary to obtain 60% of the examinations Final evaluation: will be based on the total number of points obtained from the examinations and the oral exam. Course evaluation: A – 100%-93% B – 92%-85% C – 84%-77% D – 76%-69% E – 68%-60% FX – 59%- 0%	
Learning outcomes of the course: Learning outcomes: Objective of the course: Gain an overview of the basic investigation methods and procedures used in the field of physiotherapy. Acquire skills in the use of basic kinesiological tests and physical measurements to determine the range of motion in the joints and spine. Be able to determine the degree of muscle strength and evaluate the basic locomotor behavior of the patient. Theoretical knowledge: The student defines individual examination methodologies and procedures, characterizes their essence, determines mutual differences and recognizes their importance for clinical diagnostics. Practical skills: The student acquires skills in taking a rehabilitation history by asking targeted, concise and authoritative questions. Gains observational and manual skills necessary for functional diagnostics.	

Performs examinations according to standardized standards. Records and documents the measured values of the examination. Recognizes physiology from pathology. Interprets the results obtained.

Course contents:

Course contents:

1. Management, current means of rehabilitation, medical means and methods. Specific diagnostics in rehabilitation, functional approach to diagnostics.
2. Orientation on the human body: anatomical position of a person, anthropometric points, names of movements in the joints of the limbs and spine.
3. Clinical examination in FBLR: History, subjective examination, objective general and local examination (inspection, palpation, consciousness and speech, patient's position, constitution and nutrition, basic types of posture and gait).
4. Anthropometry: measuring the lengths and circumferences of the limbs, chest, thigh, caliper.
5. Measurement of spinal motility: Čepoj, Schober, Stibor, Thomayer, Fleche-Forestier, Otto indices, lateroflexia, anteflexia, rotation, retroflexia).
6. Goniometry (planes of the human body, SFTR method, writing by SFTR method, goniometry of the upper limbs).
7. Goniometry of lower limbs.
8. Measurement of muscle strength (dynamometry, muscle test in general).
9. Muscle test - neck and torso.
10. Muscle test - pelvis and shoulder blade.
11. Muscle test - shoulder.
12. Muscle test - elbow.

Recommended or required literature:

1. ČIHÁK, R. : Anatomie I., Grada, Praha: 2002
2. GÚTH, A. a kol.: Vyšetřovací metodiky v rehabilitácii pre fyzioterapeutov, LIEČREH GÚTH, Bratislava.
3. GÚTH, A. a kol.: Liečebné metodiky v rehabilitácii pre fyzioterapeutov, LIEČREH GÚTH, Bratislava.
4. JANDA, V: Svalové funkční testy, Grada Publishing, Praha 2004.
5. KOLÁŘ, P. : Rehabilitace v klinické praxi, Galen, Praha 2010.

Language of instruction:

Notes:

The course is taught only in the winter semester and is evaluated only in the relevant examination period of the winter semester of the academic year.

Course evaluation:

Assessed students in total: 132

A	B	C	D	E	FX
45.45	29.55	9.09	6.06	8.33	1.52

Name of lecturer(s): Mgr. Peter Kutiš, PhD.

Last modification: 01.12.2020

Supervisor(s): doc. PhDr. Zuzana Hudáková, PhD.