

## COURSE INFORMATION SHEET

<b>University:</b> Catholic University in Ružomberok	
<b>Faculty:</b> Faculty of Health	
<b>Course code:</b> KFYZIO/54F1057W/17	<b>Course title:</b> Physioterapeutic Procedures in Clinical Disciplines 3
<b>Type and range of planned learning activities and teaching methods:</b> <b>Form of instruction:</b> Lecture / Seminar <b>Recommended study range:</b> <b>hours weekly:</b> 2 / 2 <b>hours per semester:</b> 24 / 24 <b>Teaching method:</b> on-site (distance method according to the document Príkaz rektora P-8/2020 since 15. 10. 2020)	
<b>Credits:</b> 3	
<b>Recommended semester/trimester:</b> 5.	
<b>Level of study:</b> I.	
<b>Prerequisites:</b> KFYZIO/54F1047W/17	
<b>Requirements for passing the course:</b> Self-study control takes place by assigning and elaborating a semester work and its presentation, it makes up 10% of the evaluation in the final evaluation of the course. During the semester: there will be two written examinations from the theoretical and practical part. To participate in the exam, it is necessary to obtain 60% of the points from both written 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%	
<b>Learning outcomes of the course:</b> Course objective: Design a rehabilitation plan and program in individual clinical disciplines. Implement kinesiotherapeutic procedures and methodologies for selected diagnoses, design physical therapy. Correct and modify the selected procedures according to the current state of the patient. Apply patient education. Theoretical knowledge: The student defines the etiology and etiopathogenesis of the disease in selected clinical disciplines. Lists the clinical signs of the disease. Explains the impact of the disease on the physical and mental health of the patient. He proposes a physiotherapeutic procedure according to the stage of the disease. Drains selected procedures and combinations of treatment methodologies. Analyzes the success of selected procedures. Practical skills: The student applies theoretical knowledge in practice. He proposes a rehabilitation program. He is planning a rehabilitation goal. It combines kinesiotherapeutic methodologies, procedures and	

physical therapy. It checks the success of selected procedures, decides on changes in the procedure. Demonstrates the impact of treatment (case report, survey)

**Course contents:**

1. Surgery, traumatology and orthopedics.
  - physiotherapy for orthopedic limb surgery (TEP, arthroscopy),
  - physiotherapy of amputated patients,
  - physiotherapy after burns, in plastic surgery, physiotherapy for hand reconstruction.
2. Neurology.
  - physiotherapy for vertebrogenic algic syndromes,
  - physiotherapy for peripheral paresis,
  - physiotherapy for vascular diseases of the brain (NCMP, subdural haemorrhage),
  - physiotherapy for primary muscle diseases,
  - physiotherapy for spinal cord diseases.
3. Pediatrics.
  - specifics of rehabilitation in pediatrics,
  - physiotherapy for children with poor posture and muscle imbalance,
  - physiotherapy for developmental errors and deformities of the musculoskeletal system,
  - physiotherapy for scoliosis and surgical treatment of scoliosis,
4. Surgery, traumatology and orthopedics.
  - specifics of physiotherapy in neurosurgery,
  - physiotherapy after spinal stabilization (TLIF, ALIF, PLIF), cyphoplasty,
  - physiotherapy after extirpation sequestorum microscopica,
  - physiotherapy after brain surgery,
5. Neurology.
  - physiotherapy for cerebellar syndromes,
  - physiotherapy for degenerative and demyelinating CNS (Parkinson's disease, multiple sclerosis).
6. Geriatrics and psychiatry.
  - specifics of rehabilitation in geriatrics,
  - physiotherapy for immobilisation syndrome,
  - physiotherapy for osteoporosis and senile fractures,
  - physiotherapy for arteriosclerosis and senile dementia,
  - physiotherapy for Alzheimer's disease, - physiotherapy for psychoreactive disorders,
  - physiotherapy for psychomotor changes, - fyzioterapia pri psychózach.

**Recommended or required literature:**

1. GÚTH, A. a kol.: Liečebné metodiky v rehabilitácii pre fyzioterapeutov, LIEČREH GUTH, Bratislava.
2. HROMÁDKOVÁ, J. a kol.: Fyzioterapie, Jino any H&H, Praha, 1999.
3. KOLÁŘ, P. Rehabilitace v klinické praxi, Galen, Praha, 2010.
4. KÁCIOVÁ, K.: Fyzioterapia v geriatrici, Osveta, Martin, 2003.
5. SPAR, JAMES E.: Geriatrická psychiatria, Vydavateľstvo F, Trenčín, 2002.

**Language of instruction:**

Slovak language

**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.

<b>Course evaluation:</b>					
Assessed students in total: 113					
A	B	C	D	E	FX
28.32	8.85	19.47	24.78	15.04	3.54
<b>Name of lecturer(s):</b> Mgr. Alexandra Melišová					
<b>Last modification:</b> 11.03.2021					
<b>Supervisor(s):</b> doc. PhDr. Zuzana Hudáková, PhD.					