Course unit title	SURGICAL PHYSIOTHERAPY
Course unit code	KT(SK)/4-6.1
Type of course unit	Compulsory
Level of course unit	First cycle
Year of study (if applicable)	Second year
Semester/	Spring semester
Number of ECTS credits allocated	6 ECTS
Learning outcomes of the course unit	**Upon completion of the course unit, students will be able to:** LO1. Analyse and interpret assessment data of patients following surgical interventions and identify functional impairments related to musculoskeletal conditions. LO2. Assess functional status and deviations from normal movement and physical performance after surgery. LO3. Recognise common postoperative complications, clinical signs and symptoms requiring physiotherapy intervention or referral to another healthcare specialist. LO4. Formulate physiotherapy diagnoses and develop individualized rehabilitation programmes for patients following surgical interventions. LO5. Select and apply active and passive physiotherapy techniques according to tissue healing stages and patient needs. LO6. Evaluate the effectiveness of physiotherapy interventions using observation, measurements, patient interviews and documentation analysis. LO7. Apply evidence-based practice principles when planning and implementing postoperative physiotherapy programmes. LO8. Make clinical decisions and justify intervention plans according to pathology, healing processes and rehabilitation goals.
Mode of delivery	Blended learning
Prerequisites and co-requisites	Students must have completed the modules Professional Environment, Biomedical Sciences, Fundamentals of Pre-clinical Studies, Internal Diseases Physiotherapy, and Neurological Physiotherapy.
Course contents	Physiotherapy following surgical interventions of the lower extremities. Physiotherapy following surgical interventions of the upper extremities. Physiotherapy following trunk and spinal surgical interventions. Development of physiotherapy programmes following fractures, soft tissue injuries and joint injuries. Postoperative rehabilitation after vertebral compression fractures. Physiotherapy after cervical, thoracic and lumbar spine injuries and fixation procedures. Selection of physiotherapy methods according to tissue healing stages. Design of therapeutic exercise programmes and rehabilitation plans in postoperative care.
Planned learning activities and teaching methods	Interactive lectures, demonstrations, simulations, case analyses, tutorial sessions, journal club activities, practical classes, clinical reasoning exercises, comparative analysis methods, evidence-based discussions and independent development of physiotherapy plans.
Assessment	Practical skills assessment (practical assignments) – 50%. Case study presentation – 30%. Written test – 10%. Physiotherapy intervention plan (research/project assignment) – 10%.
Language of instruction.	English
Work placement(s)	Utenos kolegija Higher Education Institution Faculty of Medicine