

Topics of Bachelor's Theses for the Academic Year 2024/2025 (for students currently in the 3rd year of Bachelor studies)

Department: Department of Clinical Rehabilitation

Study program for which the topics are intended: Physiotherapy

Topics of the Final Thesis	Thesis Supervisor	Recommended number of students
Physical therapy in correction of postural problems in preschool children	Mgr. Marta Dus	1
Wearable smart devices used in rehabilitation	Mgr. Marta Dus	1
Physical therapy in management of sarcopenia in older adults	Mgr. Marta Dus	1
Physiotherapy and cognitive functions in older adults	Mgr. Petra Gaul Aláčová, Ph.D.	1
Physiotherapy and respiration	Mgr. Petra Gaul Aláčová, Ph.D.	1
Physiotherapy and Yoga – limits and benefits	Mgr. Petra Gaul Aláčová, Ph.D.	1
Balneotherapy	doc. MUDr. Petr Konečný, Ph.D., MBA	1
Comparison of High-Intensity Interval Training (HIIT) and Moderate-Intensity Continuous Training (MICT) in Individuals with Chronic Respiratory Diseases	Mgr. Martin Dvořáček	1
Plantar fasciopathy in runners: Etiology, risk factors, and rehabilitation	Mgr. Ivana Hanzlíková, Ph.D.	1
Physiotherapeutic approaches in spinal muscular atrophy	Mgr. Martina šlachtová, Ph.D.	1
Kinesiotherapy for patients with spinal cord injury	Mgr. Jarmila Štěpánová, Ph.D.	1
Frozen shoulder	Mgr. Amr Zaatar, Ph.D.	1