

Incoming student mobility

UNIOS University Unit: Faculty of Dental Medicine and Health in Osijek

COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

Study program	University Undergraduate Study in Physiotherapy
Study level	Undergraduate
Course title	PATHOKINESIOLOGY OF GAIT
Course code (if any)	PhyTh307
Language of instruction	English
Brief course description	<p>Application and interpretation of kinesiological and clinical gait analyzes and other specific clinical tests for gait assessment.</p> <p>Specific gait deviations (torso displacement, increased lumbar lordosis, limb impact, abnormal hip rotation, excessive knee extension or flexion, dorsiflexion insufficiency, abnormal foot contact, abnormal foot rotation, gait rhythm disturbance).</p> <p>Influence of muscle contracture and other deformities, muscle weakness, sensory disturbances and pain during walking.</p> <p>Neurological, biomechanical and energetic characteristics of gait in patients after stroke, patients with cerebral palsy, Parkinson's disease, apraxia, paraplegia, vestibular impairment, peripheral neuropathy, lower extremity joint injuries, and in the elderly with reduced functional ability.</p> <p>Walking aids (stick, crutches) and the way of walking with them, functional electrostimulation, orthoses and prostheses; walking biomechanics with orthoses and prostheses.</p> <p>Specific therapeutic interventions to improve gait (ergometry, sensory stimulation, FES).</p>
Form of assessment	Written exam, Oral exam
Number of ECTS	6
Class hours per week	27
Minimum number of students	30
Period of realization	Summer

ERASMUS+

EU programme for education, training, youth and sport

Lecturer	Professor Savo Jovanović, MD Ivan Perić, MSc in Kinesiology Toni Josić, MSc in Kinesiology Nikolina Lazić, MSc in Physiotherapy Hrvoje Šimić, MD Ivica Fotez, MD Marlena Brstilo-Čičković, MD Davor Lešić, MD
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