

Incoming student mobility

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

COURSES OFFERED IN FOREIGN LANGUAGE FOR ERASMUS+ INDIVIDUAL INCOMING STUDENTS

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| Study program | University Graduate Study in Physiotherapy |
| Study level | Graduate |
| Course title | EVIDENCE BASED PHYSICAL THERAPY |
| Course code (if any) | PhyTh403 |
| Language of instruction | English |
| Brief course description | <p>Evidence-based physiotherapy practice: the historical development of evidence-based medicine, the importance of scientific evidence in clinical practice, clinical guidelines as a source of evidence-based physiotherapy. Search for existing scientific evidence: search strategies, databases, literature review, access to the full text of the scientific paper. Review of common errors in statistical analysis (sample size, meta-analysis, research and confirmatory approach, statistical and clinical significance, problems of multiple tests and subgroup analysis, correlation and sampling). Critical evaluation (quality and relativity) of scientifically proven treatment, clinical observations, prognosis, diagnosis and cause, sample selection, monitoring of experimental conditions, variability of clinical trials (case report, group comparison, randomization, prospective and retrospective studies, cohort research, cross-sectional research). Critical evaluation of measurement characteristics and analysis devices in scientific papers and clinical practice (reliability, sensitivity, validity, measurement errors). Defining a scientific problem and setting a hypothesis. Ethical issues in scientific research. Project application, possible sources of funding for scientific work. Structure and writing of scientific research: case report, article, preparation of an oral presentation or poster presentation for conferences or lectures. Presentation of results in research and clinical practice (cognitive and perceptual processes, examples of graphic interpretation, good and bad examples). Implementing evidence-based practice and discovering its effectiveness.</p> |
| Form of assessment | Written exam |
| Number of ECTS | 5 |

ERASMUS+

EU programme for education, training, youth and sport

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| Class hours per week | 30 |
| Minimum number of students | 30 |
| Period of realization | Winter |
| Lecturer | Assistant Professor Anđela Grgić, MD Josip Jakab, MSc in Electrical engineering Marinko Žulj, MD Damir Lenz, MD Ivica Fotez, MD |