



<b>Study program:</b> Doctoral academic studies in biomedical sciences		
<b>Name of the subject:</b> CURRENT ISSUES IN MEDICAL REHABILITATION		
<b>Teacher(s):</b> Aleksandra V. Mikov, Čila A. Demeši Drljan, Rastislava O. Krasnik, Jelena S. Zvekić Svorcan		
<b>Status of the subject:</b> elective		
<b>Number of ECTS points:</b> 20		
<b>Condition:</b>		
<b>Goal of the subject</b> Introduction to the novelties in medical rehabilitation for diseases that lead to impairment and disability, as well as the possibility of rehabilitation in the prevention of disability from a medical, social, psychological and professional aspect.		
<b>Outcome of the subject</b> Candidates should adopt current knowledge in the field of physical therapy and rehabilitation. Adoption of new knowledge and continuous monitoring of current events in medical rehabilitation.		
<b>Content of the subject</b> <i>Theoretical lectures</i> <ol style="list-style-type: none"> <li>1. Medical rehabilitation: place, role and importance in the health care system-contemporary aspects</li> <li>2. Disability and prevention measures</li> <li>3. Current events in the application of physical medicine in the treatment of certain conditions and diseases</li> <li>4. Introduction to new methods of kinesitherapy and manual techniques</li> <li>5. Current events in the evaluation, treatment and rehabilitation of patients with lesions of the central motor neuron</li> <li>6. Current events in the evaluation, treatment and rehabilitation of patients with peripheral motor neuron lesions</li> <li>7. Current events in the evaluation, treatment and rehabilitation of patients after injuries of the locomotor system</li> <li>8. Current issues in the evaluation, treatment and rehabilitation of patients with vertebral syndrome</li> <li>9. Current issues in the evaluation, treatment and rehabilitation of patients with degenerative rheumatic diseases</li> <li>10. Current issues in the evaluation, treatment and rehabilitation of patients with seizure rheumatic diseases</li> <li>11. Current events in the evaluation, treatment and rehabilitation of patients with amputations</li> <li>12. Specifics of the habilitation process in children - a modern approach</li> <li>13. Current issues in the evaluation, treatment and rehabilitation (habilitation) of certain conditions and diseases in children</li> </ol> <i>Practical lectures</i> <ol style="list-style-type: none"> <li>1. Current events in the application of physical medicine in the treatment of certain conditions and diseases - practical aspects</li> <li>2. Practical introduction to new methods of kinesitherapy and manual techniques</li> <li>3. Modern practical aspects of rehabilitation of patients with lesions of the central motor neuron</li> <li>4. Modern practical aspects in the rehabilitation of patients with peripheral motor neuron lesions</li> <li>5. Modern practical aspects in the rehabilitation of patients after injuries of the locomotor system</li> <li>6. Modern practical aspects in the rehabilitation of patients with vertebral syndrome</li> <li>7. Modern practical aspects in the rehabilitation of patients with degenerative rheumatic diseases</li> <li>8. Modern practical aspects in the rehabilitation of patients with seizure rheumatic diseases</li> <li>9. Modern practical aspects in the rehabilitation of patients with amputations</li> <li>10. Contemporary practical aspects of the specifics of the habilitation process in children</li> <li>11. Contemporary practical aspects in the re (habilitation) of certain conditions and diseases in children</li> </ol>		
<b>Literature</b> <ol style="list-style-type: none"> <li>1. De Lisa JA. Physical medicine and Rehabilitation: Principles and Practice. Lippincott Williams&amp;Wilkins 4 th edition, 2004.</li> </ol>		
<b>Number of active classes</b>	<b>Theory:</b> 60	<b>Practice:</b> 45
<b>Methods of delivering lectures</b> Lectures, seminars, independent research work		
<b>Evaluation of knowledge (maximum number of points 100)</b> activity during the lecture: 20 seminar-s: 20 SRW: 25 written exam: 35		