

<b>Study program:</b> Integrated academic studies in medicine			
<b>Type and level of the study program:</b> integrated academic studies			
<b>Course title: Medical rehabilitation (M6-MREH)</b>			
<b>Teacher:</b> Branislav M. Bobić, Gordana V. Devečerski, Aleksandra V. Mikov, Ksenija M. Bošković, Snežana T. Tomašević-Todorović, Mirjana S. Savić, Karmela D. Filipović, Čila A. Demeši Drljan, Aleksandar Lj. Knežević, Rastislava O. Krasnik, Slobodan P. Pantelinac			
<b>Course status:</b> compulsory			
<b>ECTS Credits:</b> 3			
<b>Condition:</b> Surgery			
<b>Course aim:</b> Adopting principles of theory and practice of modern rehabilitation.			
<b>Expected outcome of the course</b> Providing medical rehabilitation with the aim of preventing disability. Identification of anomalies - hereditary or consequences of diseases or injuries, in the form of temporary or permanent anatomical, functional or psychological loss, disorder, or reduced structure or function in children and adults. Adopting skills to provide help to different categories of disabled persons.			
<b>Course description</b> <i>Theoretical education:</i> Medical rehabilitation - role and importance in modern medicine and health care (with special reference to the disability and its prevention). Basic principles of kinesitherapy and work therapy. Basic principles of physical therapy procedures. Specific process of habitation and rehabilitation of children with disabilities. Therapeutic procedures in children with cerebral paralysis syndrome and thorax deformities. Basic principles of medical rehabilitation of patients after locomotor apparatus injuries, and peripheral nerve lesions. Basic principles of medical rehabilitation of patients with vertebral syndrome. Basic principles principles of medical rehabilitation of patients with inflammatory and degenerative rheumatism. Basic principles of medical rehabilitation of patients after amputation (orthotic and prosthetic aid in medical rehabilitation).Basics of medical rehabilitation of patients with hemiplegia, paraplegia and quadriplegia.  <i>Practical education: exercises, other forms of education, research related activities:</i> Introduction to specialized institutions for medical rehabilitation. Evaluation of patients in medical rehabilitation program. Basic principles of practical application of physical therapy procedures in medical rehabilitation. Medical rehabilitation of patients after trauma and polytrauma and patients after limb amputation. Medical rehabilitation of patients with peripheral nerve lesions. Habilitation of children with cerebral paralysis. The most common habilitation and rehabilitation conditions in children and adolescents . Medical rehabilitation of patients with chronic lumbal and cervical syndrome. Medical rehabilitation of patients with hemiplegia, paraplegia and quadriplegia. Medical rehabilitation of patients with inflammatory and degenerative rheumatic diseases.			
<b>Literature</b> <i>Compulsory:</i> 1. DeLisa JA, Gans BM, Walsh NE, Bockenek WL, Frontera WR, Geiringer SR et al. Physical Medicine & Rehabilitation: Principles and Practise. 4th ed. New Jersey: Lippincott Williams & Wilkins, 2005. <i>Additional:</i> 1. Frontera WR, Silver JK, Rizzo TD. Essentials of Physical Medicine and Rehabilitation. 2nd ed. Philadelphia: Elsevier, 2008:1232.			
<b>Number of active classes</b>			Other:
Lectures: 30	Practice: 15	Other types of teaching:	
<b>Teaching methods:</b> Lectures, practical work, consultation hours			
<b>Student activity assessment</b> (maximally 100 points)			
<b>Pre-exam activities</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Lectures	30	Written	
Practices	30	Oral	40
Colloquium		.....	
Essay			