

Subject: Physical and Rehabilitation medicine	Subject type:	Compulsory
Study year: 3 rd	Content:	Summer time
Study program: General Medicine		

Prerequisites:

Anatomy 2

Learning outcomes

Prepare the students for the diagnostics, treatment and prevention of disabilities of all types and holistic approach to patient care, working with an interdisciplinary team of experts in many fields - nursing, physical therapy, occupational therapy, speech and language pathology, psychology, social work and others, help patients achieve their maximum functional capacity and highest quality of life.

Brief outline of the course

1. Field of competence of physical and rehabilitation medicine (PRM). Definition, philosophy, objectives and methodology. 2. PRM and the WHO ICF concept, including the use of outcome measures for assessing QOL, Functional Health. 3. Assessment in PRM, clinical and functional evaluation. 4. Kinesiology. 5. Main health interventions in PRM: Information, education, medical treatments, PRM programmes. 6. Physical modalities, therapeutic exercise, infiltration techniques, FES. 7. Orthoses, prostheses and assistive technology. 8. PRM and musculoskeletal disorders. 9. PRM and nerve lesions. 10. PRM and spine disorders, amputations. 11. PRM and disorders of nervous system, Stroke - from cell to society. 12. PRM and Spinal Cord Injury - from cell to society. 13. PRM and traumatic Brain Injury - from cell to society. 14. PRM, chronic neurological conditions (Parkinson's disease, MS, etc.) and other specific disabling conditions (Elderly Patient, Child with Disability, Cardiopulmonary Patient, Cancer Patient, etc.). 15. PRM Services, PRM management, Community-based Rehabilitation, PRM Research.