Physiotherapy 100 (FTP 100)

Qualification	Undergraduate
Faculty	Faculty of Health Sciences
Module credits	15.00
NQF Level	05
Prerequisites	No prerequisites.
Contact time	1 web-based period per week, 3 lectures per week, 4 practicals per week, Community Engagement
Language of tuition	Module is presented in English
Department	Physiotherapy
Period of presentation	Year

Module content

General introduction and orientation to physiotherapy, PBL skills and evidence-based approach to physiotherapy. Introduction to biomechanics, terminology, passive movements, measurement of the range of movement, clinical visits and patient-handling.
Kinetics: axis, planes, levers, effect of gravity on the human body.
Applied electro biomechanics: introduction to radiation, high-frequency, ultrasound, shortwave diathermy, laser, ultraviolet, infrared radiation.
Introduction to manual therapy: general introduction to massaging, evaluation of soft tissue, types applications and effects of massage techniques on various types of tissue, modalities application to the human body.
Human movement science: introduction to biomechanics, study of human movement, functional evaluation, muscle-testing, types of muscular activity, kinematics: analysis of movement, motor control and posture, characteristics of normal movement. Applied electrobiomechanics, introduction to medium frequency currents, Russian currents. Pulmonology.
Note: Physiotherapy is presented in a problem-based and integrated manner.