UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Orthopaedic and Traumatology

2627-2-I0201D137-I0201D208M

Aims

The objectives of the module focus on developing skills in orthopedic/trauma assessment, with the aim of improving physiotherapy differential diagnostic

Contents

Knowledge in the diagnostic field, integrated with knowledge in the pathological field, will enable the physical therapist to be able to correctly identify his or her area of intervention or, alternatively, referral to other professionals

-Consolidate knowledge related to osteoarticular anatomy.
-Consolidate knowledge related to musculoskeletal pathology.
-Know how to carry out clinical reasoning based on history and objective examination.
-Identify and perform the most appropriate tests knowing how to correctly pose and make the comfort of the patient.
-Knowing how to use communication skills to explain the context to the patient.

Detailed program

Orthopedic/trauma clinical examination of:

Sacro-iliac and coxofemoral

Knee

Tibio-ankle and foot

Humeral glenohumeral and acromioclavicular

Elbow

Wrist

Lumbar, cervical, thoracic spine

Prerequisites

Knowledge in pathology and clinic of the musculoskeletal system

Teaching form

N 12 hours of face-to-face lessons with didactic delivery and practical exercises with didactic delivery and interactive to pairs of students who continuously alternate

By its nature, the execution of assessment tests requires that most of the teaching time be dedicated to the guidance, by teachers, of the assessment gestures experimented, by trial and error, on study companions (peer gesture laboratory)

Textbook and teaching resource

The orthopedic clinical examination. An EBM approach - J. Cleland- ed. Edra

Clinical and functional testing in orthopedics. An evidence-based approach- C. Cook- ed. Piccin

Motor system Anatomy and function vol. 1 and 2 - J. Hochshild- ed. Edi - Ermes

Kinesiology of the musculoskeletal system - Foundation for Physical Rehabilitation - Donald A. Neumann - ed. Mosby

Semester

2nd semester

Assessment method

Described in the subject's syllabus

Assessment is by oral/practical test with questions on topics covered in class Specifically : in attendance each student is required to identify and perform the best orthopedic/neurological tests available to identify a pathology. Assessment in fraction weighted with other modules.

Office hours

By appointment:

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Sustainable Development Goals

GOOD HEALTH AND WELL-BEING | QUALITY EDUCATION | GENDER EQUALITY