UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Orthopedic Assessment and Rehabilitation

2021-2-I0201D137-I0201D141M

Aims

Functional assessment and joint assessment in orthopedic rehabilitation and traumatology.

Contents

Orthopaedic tests and functional assesment

Detailed program

Clinical exam and assessment of:

- knee

- leg

– ankle

– foot

- pelvis and hip

- upper limb

- Lumbar, thoracic and cervical spine

- The clinical exam comprehend:

- Joint integrity tests

- Quantity and quality of movement

- Accessory movements

- Neurodinamic tests

Prerequisites

Teaching form

Lectures and lab

During Covid-19 emergency, lessons will take place remotely (synchronous and asynchronous)

Textbook and teaching resource

Esame clinico e valutazione neuromusoloscheletrica - N. J. Petty, Ann P. Moore - ed. Masson

Apparato locomotore Anatomia e funzioni vol. 1 e 2 - J. Hochshild - ed. Edi – Ermes

L'esame obbiettivo dell'apparato locomotore – S. Hoppenfeld – Aulo Gaggi Editore •Esame obiettivo dell'apparato muscolo-scheletrico - J. Gross, j. Fetto, E. Rosen – ed. UTET

Traumatologia dello sport – R.G. Danowski, J. Chanussot – ed. Masson

Mobilizzazione del sistema nervoso – D. Butler – ed. Masson

Kinesiology of the muscoloskeletal system – Foundation for Physical Rehabilitation – Donald A. Neumann – ed. Mosby

Differentiation, examination and treatment of movement disorders in Manual Therapy – R. Pfund, F. Zahnd – ed. Elsevier

Pain in practice - Theory and Treatment Strategies for Manual Therapists - Hubert van Griensven – ed. Elsevier

La riabilitazione in ortopedia – S.B. Brotzman – K. E. Wilk – ed. UTET

Physical therapy and rehabilitation in the management of rheumatic disorders G. Stucki and P. Kroeling Bailliere's Clinical Rheumatology Vol. 14, No. 4, pp. 751±771, 2000 doi:10.1053/berh.2000.0111

Semester

2nd semester

Assessment method

Described in the subject's syllabus

Office hours

By appointment