UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Orthopaedics and Traumatology

2425-5-H4101D331

Aims

Provide the student with direct experience of managing patients with Traumatology of the musculoskeletal system, bone and joint infections, bone and soft-tissue neoplasms, joint degenerative pathology, endocrine and metabolic disorders of the skeleton, congenital alterations and growth. Osteopathies and genotypic chondrodysplasias. Algodystrophy and osteonecrosis. Transportation and management of a traumatized subject.

Contents

Congenital and acquired pathologies of the musculoskeletal system; Traumatology

Detailed program

The didactic objectives of the integrated course of the Orthopedic and Traumatological Clinic are: ° General principles of clinical diagnostics, instrumental and principles of therapy of traumatic injuries - Fractures and dislocations of the upper limb - Fractures and dislocations of the lower limb - Vertebral fractures and dislocations ° Neoplastic and paraneoplastic disorders: - Benign and malignant tumors of the bone - Benign tumors and malignant cartilage - Soft tissue tumors - Metastatic tumors ° Osteopathies and genotypic chondrodysplasias: imperfect osteogenesis ° Endocrine and metabolic disorders - Rickets - Paget's disease - Osteomalacia - Osteoporosis - Other ° Alterations of growth: - Scoliosis - Spondylolysis - Osteochondrosis - Dysmeter - Varism and valgus - flat and hollow pole and infantile neuro-muscular changes ° Degenerative and inflammatory joint disorders - Arthrosis and arthritis - Spondyloarthrosis and algia of discal origin ° Algodystrophies and osteonecrosis of vascular etiology ° Osteoarticular tuberculosis and osteomyelitis ° Congenital malformations: - Congenital malformations of the spine vertebral - mycogenic torticollis - congenital hip dysplasia - congenital twisting foot ° Knowledge of orthopedic bandages, surveillance of bandages, bandages, plaster casts, orthopedic braces °

Transport and management of a traumatized person ° Shoulder dislocation ° Assist to the reduction and to the simple treatment (plaster) of fracture ° Articulation of the Hand Surgery: Carpal tunnel syndrome, Dupuytren's disease, Volkmann's syndrome, Complex regional pain syndrome, snap finger, De Quervain's disease. "

Prerequisites

knowledge of anatomy and physiology of the musculoskeletal system

Teaching form

Lectures in attendance

Textbook and teaching resource

MANUALE DI ORTOPEDIA E TRAUMATOLOGIA Grassi, Pazzaglia, Pilato, Zatti
Casa Editrice ELSEVIER MASSON

Semester

First semester

Assessment method

Written exam: multiple choice quiz with 5 answers of which only one is correct.
Oral exam.

Office hours

by appointment
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Sustainable Development Goals

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