



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Orthopaedics and Traumatology

2223-5-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

The student will support the doctor-guardian during his working day in the ward and in the outpatient department and in the emergency room

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. "
GENERAL Orthopaedic and trauma outpatient CLINIC ATTENDANCE

- 1 student :1 orthopaedic surgeon in the daily work, based on principles of scientific evidences and priorities
- ACTIVE PARTICIPATION IN ALL THE PHASES OF THE MEDICAL VISIT (medical history, objective examination)
- OBSERVING the ongoing relationship among the physician and the patient
- DEVELOPING,CONSIDERING the need / ability to inform and make the patient aware and part of the history of illness and treatment
- KNOWLEDGE OF INDICATIONS related to prevention, diagnosis, behavior advice, treatments.

Prerequisites

Enrollment in the 5th year of course

Teaching form

LECTURES

Frequency in Orthopedic and Traumatological Clinic ward, Outpatient clinic, emergency room.

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.

(In the period of the Covid-19 emergency, oral exams will only be telematic. They will be carried out using the WebEx platform and on the e-learning page of the course a public link will be shown for access to the exam of possible virtual spectators.)

Office hours

by appointment

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING
