UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Orthopaedics

2021-5-H4101D028-H4101D108M

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 principl

es of therapy of traumatic injuries - Fractures and
dislocations of the upper limb - Fractures and dislocations of the lower limb - Verte
bral fractures and dislocations ° Neoplastic and paraneoplastic disorders: - Benign a
nd malignant tumors of the bone - Benign tumors and
malignant cartilage - Soft tissue tumors - Metastatic tumors ° Osteopathies and genot
ypic chondrodysplasias: imperfect osteogenesis ° Endocrine and metabolic disorders -
Rickets - Paget's disease - Osteomalacia - Osteoporosis - Other ° Alterations of grow
th: - Scoliosis - Spondylolysis - Osteochondrosis - Dysmeter - Varism and valgus - fl
at and hollow pole and infantile neuro-muscular changes ° Degenerative and inflammato
ry joint disorders - Arthrosis and arthritis - Spondyloarthrosis
and algia of discal origin ° Algodystrophies and osteonecrosis of vascular etiology °
Osteoarticular tuberculosis and osteomyelitis ° Congenital malformations: - Congenit
al malformations of the spine
vertebral - mycogenic torticollis - congenital hip dysplasia - congenital twisting fo
ot ° Knowledge of orthopedic bandages, surveillance of bandages, bandages, plaster ca
sts, orthopedic braces ° Transport and management of a traumatized person ° Shoulder
dislocation ° Assist to the reduction and to the simple treatment (plaster) of fractu
re ° Articulation of the Hand Surgery: Carpal tunnel syndrome, Dupuytren's disease, V
olkmann's syndrome, Complex regional pain syndrome, snap finger, De Quervain's diseas
e. "

Prerequisites

Activities chosen by students from the 5th year of the course.

Teaching form

Frequency in the ward and in the clinic. Visits to the clinic and P.S.

Textbook and teaching resource

MANUALE DI ORTOPEDIA E TRAUMATOLOGIA Grassi, Pazzaglia, Pilato, Zatti

Casa Editrice ELSEVIER MASSON

Semester

First semester

Assessment method

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Expected number of hours 50
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Office hours

by appointment