



ORTHOPAEDICS

Anno immatricolazione	2017/2018
Anno offerta	2021/2022
Normativa	DM270
SSD	MED/33 (MALATTIE APPARATO LOCOMOTORE)
Dipartimento	DIPARTIMENTO DI MEDICINA MOLECOLARE
Corso di studio	MEDICINA E CHIRURGIA (IN LINGUA INGLESE)
Curriculum	PERCORSO COMUNE
Anno di corso	5°
Periodo didattico	Secondo Semestre (01/03/2022 - 03/06/2022)
Crediti	2
Ore	16 ore di attività frontale
Lingua insegnamento	English
Tipo esame	SCRITTO E ORALE CONGIUNTI
Docente	GRASSI FEDERICO - 1 CFU MOSCONI MARIO - 1 CFU
Prerequisiti	Knowledge of anathomy, physiology and pathology.
Obiettivi formativi	Knwoledge of main topics in orthopaedics and traumatology of childhood and adulthood.
Programma e contenuti	1 Bone and cartilage hystology and metabolism 2 Bone healing, fracture, non union, fixation and grafting 3 Sistemc disorders, metabolic bone diseases, osteoporosis osteomalacia paget disease 4 Sistemc disorders skeletal displasias Achondroplasia Pseudoachondroplasia Spondyloepiphyseal dysplasia

- 5 Systemic disorders -Multiple cartilaginous exostoses Larsen syndrome Mucopolysaccharidoses
- 6 Systemic disorders -Marfan syndrome, Marfan-like syndrome, Ehlers Danlos syndrome
- 7 Gout degenerative arthritis and bone necrosis
- 8 Infections: septic arthritis and osteomyelitis
- 9 Neuromuscular disorders and peripheral nerve lesions
- 10 Musculoskeletal neoplasm general concepts, staging biopsy
- 11 Musculoskeletal neoplasm bone cells tumors
- 12 Musculoskeletal neoplasm cartilage cells tumors
- 13 Musculoskeletal neoplasm eosinophilic granuloma, Ewing sarcoma
- 14 Musculoskeletal neoplasm fibroma fibrosarcoma hemangioma angiosarcoma
- 15 Musculoskeletal neoplasm giant cells tumors
- 16 Soft tissue tumors
- 18 Soft tissue tumors
- 19 Bone metastasis
- 20 Pediatric orthopaedics DDS, Perthes, Epiphyseolysis (Legg Perthes Calvé disease)
- 21 Pediatric orthopaedics •Osteochondrosis and OCD
- 22 Pediatric orthopaedics Clubfoot and flatfoot
- 23 Pediatric traumatology Growth plate injuries
- 24 Upper extremity -Brachial plexus injury in children Fractures of clavicle, and humerus in children
- 25 Upper extremity trauma Scapula Clavicle Scapulo-thoracic dissociation
- 26 Upper extremity Proximal humerus and humeral shaft fractures
- 27 Upper extremity elbow fractures in children
- 28 Upper extremity elbow fractures in adults
- 29 Upper extremity forearm fractures and dislocations in children and

adults

30 Upper extremity: the shoulder

31 Upper extremity the elbow

32 Upper extremity: the hand

33 Upper extremity: the hand

34 Pediatrics traumatology lower limb fractures in children

35 Lower extremity: •Pelvic trauma Acetabular fractures Hip dislocation Hip fractures

36 Lower extremity:•FAI Osteonecrosis of the femoral head Prosthetic replacement

37 Lower extremity •Femoral shaft fractures Supracondylar fractures of the femur Tibial plateau fractures Tibial shaft fractures

38 Lower extremity •Ankle fractures foot trauma compartment syndrome

39 Lower extremity •Meniscal injuries ACL injuries PCL injuries

40 Lower extremity MCL injuries LCL injuries Combined injuries Prosthetic replacement

41 Lower extremity the hip

42 Lower extremity the knee

43 Lower extremity the ankle and the foot

44 Spine in children and adolescents

45 Disk pathology and radiculopathies

46 Degenerative spine

47 Spine trauma

Metodi didattici

Lectures.

Testi di riferimento

AAOS essentials in musculoskeletal care.

Modalità verifica apprendimento

Oral and written exams.

Altre informazioni

No.

Obiettivi Agenda 2030 per lo sviluppo sostenibile