



Faculty of Medicine

Department XV: Orthopedics-Traumatology, Urology, Radiology and Medical Imaging

University Clinic of Orthopedics-Traumatology I

University Professor, Position 3

Topics

1. Pathophysiology of Callus Formation.
2. Acromioclavicular Dislocation.
3. Clavicle and Scapula Fractures.
4. Brachial Plexus Paralysis (Traumatic and Obstetrical).
5. Traumatic Joint Injuries – Sprains, Dislocations, and Joint Wounds.
6. Glenohumeral Dislocation and Recurrent Dislocation.
7. Proximal Humerus Fractures.
8. Periarticular Pathology of the Shoulder Joint.
9. Humeral Shaft Fractures.
10. Distal Humerus Fractures.
11. Elbow Joint Trauma (Fractures, Dislocations, Sprains).
12. Forearm Bone Fractures.
13. Distal Forearm Bone Fractures.
14. Wrist and Hand Injuries (Fractures, Dislocations, Flexor Tendon Injuries, and Finger Sprains).
15. Spinal Fractures.
16. Pelvic Fractures.
17. Traumatic Hip Dislocation.
18. Femoral Neck Fractures.
19. Trochanteric Fractures.
20. Femoral Shaft Fractures.
21. Distal Femur Fractures.
22. Knee Trauma (Acute and Chronic Ligament Injuries, Meniscal Lesions, Extensor Apparatus Injuries, Knee Dislocations).
23. Tibial Plateau Fractures.
24. Shaft Fractures of the Lower Leg.
25. Malleolar and Tibial Pilon Fractures.
26. Talus Fractures.
27. Calcaneus Fractures.
28. Tarsal and Metatarsal Bone Fractures.
29. Foot Dislocations.
30. Management of Osteoarticular Injuries in Polytrauma.
31. Traumatic Muscle and Tendon Injuries.
32. Static Deformities of the Foot.
33. Acute and Chronic Osteomyelitis.
34. Bone Tumors: Overview, Classification, Therapeutic Principles, Results.
35. Benign Bone Tumors.
36. Primary Malignant Bone Tumors.



37. Secondary Malignant Bone Tumors.
38. Simple Bone Cyst, Fibrous Dysplasia.
39. Spinal Deformities (Scoliosis, Kyphosis, Kyphoscoliosis).
40. Pseudoarthrosis.
41. Open Fractures: Pathophysiology, Classification, Current Therapeutic Principles.
42. Tuberculous Spondylitis.
43. Tuberculosis of the Hip Joint.
44. Tuberculosis of the Knee.
45. Osteonecrosis (Osteochondrosis, Juvenile and Adolescent Aseptic Necrosis of the Femoral Head).
46. Lumbar and Cervical Discopathies.
47. Poliomyelitis Sequelae: Overview, Paralytic Hip, Knee, Foot, and Upper Limb.
48. Infantile Cerebral Paralysis: Overview, Upper and Lower Limbs.
49. Congenital Hip Dislocation.
50. Congenital Clubfoot.
51. Congenital Tibial Pseudoarthrosis.
52. Hip Osteoarthritis (Coxarthrosis).
53. Knee Osteoarthritis (Gonarthrosis).
54. Epiphyseal Disorders and Congenital Coxa Vara.
55. Amputations: Principles, Indications, Techniques, Preferred Sites.

Bibliography:

1. TRATAT DE CHIRURGIE, vol II - ORTOPEDIE-TRAUMATOLOGIE sub red. Dinu M. Antonescu, Irinel Popescu, Editura Academiei Române, 2012 ISBN: 973-27-2211-4
2. Rockwood and Green's Fractures in Adults, 8th Edition; , 2015 Lippincott Williams & Wilkins, ISBN-10: 1469884828, ISBN-13: 9781469884820, DDC: 617.1
3. Campbell's Operative Orthopaedics, 4- Volume Set , 13th Edition, ISBN-13: 9780323374620