

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. Record Nr.           | UNINA9910865271203321                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Autore                  | Slullitel Pablo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Titolo                  | Orthopaedics and Trauma : Current Concepts and Best Practices / / edited by Pablo Slullitel, Luciano Rossi, Gastón Camino-Willhuber                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ISBN                    | 3-031-30518-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Edizione                | [1st ed. 2024.]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Descrizione fisica      | 1 online resource (2176 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Altri autori (Persone)  | RossiLuciano<br>Camino-WillhuberGastón                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Disciplina              | 616.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Soggetti                | Orthopedics<br>Orthopedic surgery<br>Rheumatology<br>Orthopaedics<br>Surgical Orthopedics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Lingua di pubblicazione | Inglese                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Formato                 | Materiale a stampa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Livello bibliografico   | Monografia                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Nota di contenuto       | Volume 1.-Trauma -- Part 1.General Topics -- Basic principles in the treatment of fractures -- Diaphyseal fractures -- Articular fractures -- Soft tissue injuries -- The Polytrauma Patient -- Open fractures -- Part 2.Upper Extermity Injuries -- Proximal humeral fractures -- Sequelae of Proximal Humeral Fractures -- Acromioclavicular Joint Injuries -- Scapular Fractures -- Clavicular Fractures -- Surgical Management of Humeral Shaft Fractures -- Distal Humerus Fractures -- Olecranon and Coronoid Process fractures -- Radial head fractures -- Elbow dislocations and fracture-dislocations (Elbow Terrible Triad) -- Radius and Ulnar Shaft Fractures -- Monteggia & Galeazzi Fracture-Dislocations & Essex-Lopresti Injuries -- Distal Radius and Ulna Fractures -- Injuries to the Distal Radioulnar Joint and Triangular Fibrocartilage -- Carpal Bone Fractures -- Wrist & Carpal Dislocations -- Metacarpal and phalangeal fractures and fracture-dislocations -- Base of Thumb Fractures -- Flexor and Extensor Tendon Injuries -- Acute Peripheral Nerve Injuries -- Fingertip Injuries & Finger Flaps -- Hand and finger replantation -- Thumb Reconstruction -- Traumatic |

Braquial Plexus Injuries -- Part 3. Lower Extremity Injuries -- Pelvic Ring Injuries: Principles of management in the acute and chronic setting -- Sacral fractures -- Acetabular fractures -- Femoral head fractures -- Intracapsular Hip Fractures -- Periprosthetic Hip Fractures -- Intertrochanteric fractures -- Subtrochanteric fractures -- Diaphyseal femur fractures -- Distal femur fractures -- Tibial Plateau fractures -- Peri-implant fractures -- Ankle fractures -- Talus Fractures -- Calcaneus Fractures -- Chopart's Fracture-dislocation -- Lisfranc's Fracture-dislocation -- Forefoot Fractures -- Part 4. Spine Trauma -- Upper Cervical Fractures -- Subaxial Cervical fractures -- Thoracolumbar Fractures -- Osteoporotic Vertebral Fractures -- Post-traumatic Spinal Deformities -- Pathophysiology of Spinal Cord Injury -- 5. Pediatrics Trauma -- Supracondylar Fractures of the Humerus -- Pediatric Injuries about the knee -- Pediatric Spine Trauma -- Pediatric fracture of the forearm and wrist -- Volume 2. Orthopedics -- Part 1. Shoulder -- Partial Rotator cuff tears -- Complete Reparable Rotator Cuff Tears -- Irreparable Rotator Cuff Tears -- Anterior Shoulder Instability -- Posterior Shoulder Instability -- Multidirectional Instability -- Proximal Biceps Pathology and SLAP lesions -- Primary Glenohumeral Osteoarthritis -- Rotator Cuff Arthropathy -- Adhesive Capsulitis -- Rotator Cuff Calcifications -- Neurovascular Disorders about the Shoulder -- Part 2. Elbow, Forearm and hand -- Humeral Non-union -- Elbow Tendinopathies & Tendon Ruptures -- Chronic Elbow Instability -- Elbow Stiffness -- Osteoarthritic & Rheumatoid Elbow -- Infections about the Hand -- Dupuytren Disease -- Hand Rheumatoid Arthritis -- Wrist and Hand tendinopathies -- Compression neuropathies -- Scaphoid non-union -- Wrist Arthritis -- Avascular Necrosis of Carpal Bones -- Carpal instability -- Wrist synovial cysts -- Spastic hand -- The hand and upper limb in tetraplegia -- Tendon transfers -- Part 3. Orthopedic Trauma -- Diaphyseal bone deformities and leg length discrepancy -- Diaphyseal and articular bone loss -- Fracture-related infections -- Amputations -- Part 4. Hip -- Hip Biomechanics -- Primary Total Hip Arthroplasty -- Complex Primary Total Hip Arthroplasty -- Total Hip Arthroplasty - Aseptic Loosening -- THA Instability -- Avascular Necrosis of the Hip -- Labral tears of the Hip -- Hip Dysplasia in the Young Adult -- Cam Femoro-Acetabular Impingement (FAI) -- Pincer-Type FAI -- Acute Periprosthetic Joint Infection -- Chronic Periprosthetic Joint Infection: Two-stage exchange -- Chronic Periprosthetic Joint Infection: One Stage Exchange -- Part 5. Knee -- Knee Biomechanics -- Primary Total Knee Arthroplasty -- Partial Knee Replacements -- Complex Primary TKA -- TKA Aseptic Loosening -- TKA Instability -- TKA Extensor mechanism complications -- Meniscal Injuries -- ACL Rupture -- PCL Rupture -- Multiligament Knee Injuries -- Patellofemoral Disorders -- Articular Cartilage Defects of the Knee -- Knee Malalignment -- Osteonecrosis of the Knee -- Part 6. Foot and Ankle -- Foot & Ankle biomechanics -- Ankle instability -- Osteochondral lesions of the talus -- Ankle arthritis: Tibiotalar arthrodesis -- Ankle arthritis: Total Ankle Arthroplasty -- Ankle arthritis: Supra-malleolar osteotomy -- Subtalar and midfoot arthritis -- Adult-acquired flatfoot deformity -- Adult Cavus foot -- Hallux Deformities -- Hallux degenerative joint disease -- Metatarsalgia -- Toe injuries -- Miscellaneous injuries to the foot and ankle (Tarsal Tunnel Syndrome) -- Miscellaneous injuries to the foot and ankle (Bunionette Deformity) -- Miscellaneous injuries to the foot and ankle (Plantar fasciitis) -- Diabetic Foot -- Charcot neuroarthropathy -- Achilles Tendinopathy -- Part 7. Spine -- General Principles of Spinal Alignment and Balance -- Cervical disc Herniation -- Cervical Spondylotic Myelopathy -- Thoracic disc herniation and

stenosis -- Lumbar Disc Herniation -- Degenerative disc disease -- Lumbar facet Cyst -- Degenerative spondylolisthesis -- Lumbar Stenosis -- Degenerative Adult Scoliosis -- Adult Idiopathic Scoliosis -- Isthmic Spondylolisthesis -- Ankylosing Spondylitis -- Hematogenous Spondylodiscitis -- Postoperative spinal infections -- Epidural Abscess -- Spinal Metastatic Tumors -- Part 8. Pediatrics: Upper Extremity Disorders -- Obstetric brachial plexopathy -- Congenital Radial Head Locations -- Syndactyly -- Polydactyly -- Part 9. Pediatrics: Lower Extremity Disorders -- Developmental dysplasia of the hip -- Slipped capital femoral epiphysis -- Legg-Calvé-Perthes disease -- Lower limb discrepancies and lower limb deformity -- Common Knee Disorders -- Idiopathic clubfoot -- Part 10. Pediatrics: Neuromuscular Disorders -- Cerebral Palsy -- Myelomeningocele -- Part 11. Pediatrics: Spine Disorders -- Evaluation of back pain in children -- Early-Onset Scoliosis -- Scoliosis: Classification and treatment -- Spondylolysis, spondylolisthesis -- Pediatric Kyphosis -- Neuromuscular Scoliosis -- Congenital Spinal Deformity -- 12. Orthopedic Oncology -- Generalities of Orthopaedic Oncology -- Introduction to Pathology and Histology -- Benign bone tumors -- Giant Cell Tumour -- Benign soft tissue tumors -- Soft Tissue Sarcomas -- Osteosarcoma -- Ewing's sarcoma -- Chondrosarcoma -- Metastatic disease of the extremities -- Primary Spine Tumors -- Biological Reconstructions after Tumor Resection.

---

#### Sommario/riassunto

This book provides an easy-going, high-quality and updated work focused on the most common diagnoses of Traumatology and Orthopaedics. It's structured with several sub-headings, including bullet-point tips for basic concepts. Each chapter is focused on a specific pathology and includes the following sub-headings: short introduction, applied anatomy and physiology, prevalence, classification, diagnosis (including anamnesis, physical examination and complementary imaging, from plain x-ray to cross-sectional imaging), treatment (conservative-surgical options), controversies, complications, future directions and author's preference for treatment apart from references. Orthopaedics and Trauma - Current Concepts will be an inspiration to the young orthopaedic resident, fellow or even general orthopaedic surgeon and senior medical student. It will definitely help with their careers and also be a useful tool to prepare for the board certified orthopaedic examination.

---