

|                         |   |
|-------------------------|---|
| 1. Record Nr.           | UNINA9910300353203321   |
| Titolo                  | The young adult hip in sport // Fares S. Haddad, editor   |
| Pubbl/distr/stampa      | London : , : Springer, , 2014   |
| ISBN                    | 1-4471-5412-6   |
| Edizione                | [1st ed. 2014.]   |
| Descrizione fisica      | 1 online resource (xiii, 318 pages) : illustrations (some color)  |
| Collana                 | Gale eBooks   |
| Disciplina              | 610<br>617.47   |
| Soggetti                | Medicine<br>Orthopedics<br>Orthopedic surgery<br>Emergency medicine<br>Physical therapy<br>Sports medicine  |
| Lingua di pubblicazione | Inglese   |
| Formato                 | Materiale a stampa  |
| Livello bibliografico   | Monografia  |
| Note generali           | Description based upon print version of record.   |
| Nota di bibliografia    | Includes bibliographical references and index.  |
| Nota di contenuto       | Preface; Contents; Contributors; Part I: The Basics of the Assessment of the Young Adult Hip; 1: The Anatomy of Hip Disease; Developmental Anatomy of the Hip; Vascular Supply of the Femoral Head; Normal Hip Morphology; Abnormal Anatomy; Hip Dysplasia; Femoroacetabular Impingement; References; 2: Imaging of the Young Adult Hip in Sport; Introduction; Hip Pain in the Young Adult and Imaging Appearances: Sports Related Causes; Tendon/Tendon-Bony Interface Abnormalities; Apophyseal Avulsion Injuries; Imaging Features of Avulsion Injuries; Tendon and Muscular Injuries Around the Hip; MRI Ultrasound Snapping Hip; External Snapping Hip; Internal Snapping Hip; Intra Articular Causes of Snapping Hip; Pubic Inguinal Pain Syndromes; Adductor Dysfunction and Rectus Abdominis Injury; Sportsman's Hernia; Bone Trauma; Hip Fractures Including Stress Injuries; Hip Impingement; Femoral Acetabular Impingement; Plain Film Imaging of FAI; MRI Imaging; CT Imaging; Bone Scintigraphy; Future Developments; Labral Tears; Hip Pain in the Young Adult and Imaging Appearances: Non-sport Related Causes; Slipped Capital Femoral Epiphysis (SCFE); Legg-Calve-Perthes Disease; Hip Dysplasia |

Infection and Inflammation Septic Arthritis and Osteomyelitis; Chronic Relapsing Multifocal Osteomyelitis (CRMO); Inflammatory Arthropathies: Juvenile Inflammatory Arthritis (JIA) and Enthesitis Related Arthropathies (ERA); Tumour and Tumour Like Conditions; Osteoid Osteoma; Imaging Features of Osteoid Osteoma; Other Tumours; Summary; Glossary; References; 3: Clinical Diagnosis in Hip Disease; History; Baseline Examination; Standing; Seated; Supine; Lateral; Prone; Additional Tests; Clicking Tests; Lateral Rim Impingement Tests; Hip Flexor Tests; Laxity Tests; Straight Leg Raise Heel Percussion Seated Piriformis Stretch Test; Foveal Distraction Test; Resisted Sit Up; Common Diagnoses and Patterns of Testing; Suspected Acetabular Rim Pathology; The Snapping Hip; Bursitis; Piriformis Pain; Hip Instability; Pubalgia Athletica; Muscle/Tendon Injury; Bony Involvement; Surrounding Joints; The Role of Injections in the Diagnosis of Hip Pathology; References; 4: Biomechanics of the Hip; Introduction; The Joint Reaction Force; Conservative Management Options; Surgical Options; Biomechanics of THA; Range of Motion and Prosthesis Design; Influence of Fixation Techniques  
Soft Tissue Management Alignment of the Femoral and Acetabular Components; Clinical Results of Biomechanical Reconstruction of the Hip; Concerns Regarding Modern Prostheses; References; Part II: The Conditions that Underpin Hip Pain in the Young Adult; 5: Slipped Capital Femoral Epiphysis and Its Variants; Introduction; Background; Classification; Clinical and Radiographic Evaluation; Treatment; Authors' Preferred Technique; Results; Summary; References; 6: Femoroacetabular Impingement; Mechanisms of Impingement; Treatment; Summary; References  
7: The Pathology and Management of Osteonecrosis of the Hip

---

## Sommario/riassunto

The Young Adult Hip in Sport covers the full breadth of hip problems and injuries that challenge us, reflecting the recent revolution in understanding of the pathophysiology of hip disease and of hip injuries in sport. This increase in interest has delivered many new investigational and interventional modalities to demystify the discipline. This has encompassed an increased understanding of how the hip develops and functions, improved imaging modalities, and a dramatic increase in joint preserving surgery and the ever expanding array of arthroscopic techniques that are now available. The Young Adult Hip in Sport gathers together experts on hip pathology and hip disease and reviews the anatomy, the imaging and the variety of surgical modalities available for the full spectrum of presentations of hip disease ranging from problems in childhood and adolescence that limit activity, all the way through to sports-related problems with articular cartilage, the labrum and impingement. This book is therefore an essential reference for all involved in the diagnosis and management of sports-related hip pain in young adults and will be an invaluable resource for both experienced and trainee orthopaedic surgeons, sports medicine physicians and therapists.

---