

Χαρακτηριστικά:

- Contains **250 up-to-date chapters** that guide you through all important musculoskeletal trauma and sports medicine entities, including postoperative imaging for foot and ankle surgery, injuries to core muscles, and peripheral nerve injuries as they relate to specific musculoskeletal injuries/trauma
- Presents the **advantages and disadvantages** of specific imaging techniques—ultrasound, CT, MR, radiography, and nuclear medicine—for diagnoses, including **new imaging guidelines** such as the use of 3T MR vs. MR arthrography
- Explores topics specific to **pediatric patients**, including dedicated chapters on child abuse and growth plate (physis) injuries
- Covers **new musculoskeletal consensus papers** regarding imaging recommendations, new criteria for diagnoses, and new terminology
- Features **new discussions** of “ramp lesions” (injuries that occur at the margin of the medial meniscus); rotator cuff anatomy and tears; and evolution of arthroscopy techniques to allow better assessment of these injuries in the operating room
- Features **more than 7,100 high-quality images** (3,700+ in print with an additional 3,400+ images in the complimentary eBook), including radiology images, full-color illustrations, clinical photographs, and intraoperative and arthroscopic images
- Uses **succinct bulleted text and highly templated chapters** for quick comprehension of essential information at the point of care
- **Includes a complimentary eBook** that allows you access to everything in the print version as well as **additional images, text, and references**, with the ability to search, customize your content, make notes and highlights, and have content read aloud

Περιεχόμενα:

SECTION 1: INTRODUCTION

OVERVIEW

Introduction to Traumatic Injury

TRAUMATIC INJURY, SPECIAL TOPICS

Fracture Healing

Pathologic Fracture

Physis Injury (Salter-Harris Fracture)

Child Abuse: Extremities

Muscle Injury

Hematoma

Foreign Body
Intramedullary Nail/Rod
Plate Fixation
Screw Fixation

SECTION 2: SHOULDER AND HUMERUS

INTRODUCTION AND OVERVIEW

Shoulder and Humerus Overview

BONES AND JOINTS

Sternoclavicular Joint Injury
Clavicle Fracture
Acromioclavicular Joint Injury
Posttraumatic Osteolysis, Distal Clavicle
Scapula Fracture
Anterior Glenohumeral Dislocation
Posterior Glenohumeral Dislocation
Inferior Glenohumeral Dislocation and Luxatio Erecta
Greater Tuberosity Fracture
Osteochondral Injury, Shoulder
Humeral Head/Neck Fracture
Little Leaguer's Shoulder
Tug Lesion, Humerus
Humeral Shaft Fracture
Os Acromiale

MUSCLES AND TENDONS

Shoulder Girdle

Pectoralis Injury
Deltoid Muscle Injury
Proximal Triceps Injury

Rotator Cuff

Rotator Cuff Impingement
Rotator Cuff Tendinopathy
Rotator Cuff Partial-Thickness Tear
Rotator Cuff Full-Thickness Tear
Rotator Interval Tear

Subscapularis Tear
Rotator Cuff Postoperative Repair
Calcific Tendinopathy, Rotator Cuff

Proximal Biceps Tendon

Biceps Tendinopathy, Shoulder
Biceps Tendon Tear, Intraarticular
Biceps Tendon Dislocation

CAPSULE AND LABRUM

Instability and Labrum

Glenoid Labrum: Normal Variations
Adhesive Capsulitis, Shoulder
Bankart Lesion
ALPSA Lesion
Other Bankart Variation Lesions
GLAD/GARD Lesion
HAGL Lesion
Inferior Glenohumeral Ligament Injury
Bennett Lesion
Posterior Labrum Tear, Shoulder
Extended Labrum Tears
Multidirectional Instability, Shoulder
Labrum and Instability Lesions, Shoulder: Postoperative Imaging

Superior Labrum

SLAP Tear
Extended SLAP Tear

Combined Cuff and Labrum Lesions

Internal Impingement, Shoulder
Microinstability, Shoulder

OTHER

Suprascapular and Spinoglenoid Notch Cysts
Rotator Cuff Denervation Syndromes

SECTION 3: ELBOW

INTRODUCTION AND OVERVIEW

Elbow Overview

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Distal Humerus Fracture
Transcondylar (Supracondylar) Fracture, Elbow
Lateral Condyle Fracture, Elbow
Medial Condyle Fracture, Elbow
Capitellum Fracture
Elbow Dislocation
Monteggia Injury
Osteochondral Injury, Elbow
Radial Head/Neck Fracture
Olecranon Fracture
Coronoid Fracture
Forearm Fractures

LIGAMENTS

Radial Collateral Ligament Injury
Lateral Ulnar Collateral Ligament Injury
Annular Ligament Injury
Ulnar Collateral Ligament Injury
Valgus Stress Mechanism/Little Leaguer's Elbow

TENDONS

Biceps Tendon Injury, Elbow
Triceps Tendon Injury, Elbow
Common Extensor Tendon Injury
Common Flexor-Pronator Tendon Injury
Brachialis Injury

OTHER

Intraarticular Bodies, Elbow
Synovial Fringe, Elbow
Posterior Impingement, Elbow
Anconeus Epitrochlearis
Olecranon Bursitis
Bicipitoradial Bursitis

Ulnar Nerve Injury, Elbow
Median Nerve Injury, Elbow
Radial Nerve Injury, Elbow

SECTION 4: WRIST AND HAND

INTRODUCTION AND OVERVIEW

Wrist and Hand Overview
Ossicles and Sesamoids, Wrist and Hand
Acronyms and Eponyms, Wrist and Hand

BONES AND JOINTS

Distal Radius and Ulna

Juvenile Distal Forearm Fractures
Distal Radius Fracture
Die-Punch Fracture
Distal Radius Fracture: Postoperative Imaging
Ulnar Styloid Fracture
Trauma-Related Osteolysis, Pediatric Wrist
Distal Radioulnar Joint Instability

Wrist

Scaphoid Fracture
Scaphoid Fracture, Postoperative Imaging
Carpal Fractures, Other Than Scaphoid
Carpal Dislocation
Carpal Impaction Syndromes
Ulnar Impingement Syndrome

Hand

Metacarpal Fracture and Dislocation
Finger Fracture and Dislocation
Hand Fractures, Postoperative Imaging

LIGAMENTS

Wrist

Intrinsic Ligament Tear, Wrist

Triangular Fibrocartilage Complex Injury
Carpal Instability

Hand

Collateral Ligament Injury, Fingers and Thumb

TENDONS

Flexor Tendon Injury, Wrist and Hand
Extensor Tendon Injury, Wrist and Hand

OTHER

Ganglion, Wrist
Vascular Injury, Wrist and Hand
Nerve Entrapment Syndromes, Wrist

SECTION 5: HIP AND PELVIS

INTRODUCTION AND OVERVIEW

Hip and Pelvis Overview

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Hip and Proximal Femur

Hip Dislocation
Femoral Head Fracture
Femoral Neck Fracture
Trochanter and Intertrochanteric Fracture
Subtrochanteric and Femoral Shaft Fracture

Pelvis

Acetabulum Fractures
Disruptions of Pelvic Ring
Sacrum Fractures, Traumatic
Isolated Pelvis Injuries, Traumatic
Pelvis Avulsion Fracture/Apophysitis
Pelvis Stress Fractures

Postoperative Imaging

Pelvis/Hip/Femur Trauma: Postoperative Imaging
FAI and Adult DDH: Postoperative Imaging

LABRUM AND INTRAARTICULAR STRUCTURES

Acetabular Labrum Tear
Hip Labrum Injury: Postoperative
Femoroacetabular Impingement Morphology
Chondral and Osteochondral Abnormalities, Hip
Ligamentum Teres Injury

MUSCLES AND TENDONS

Hip Abductor and Rotator Injury
Hip Flexor Injury
Hip Adductor Injury
Snapping Hip Syndrome
Ischiofemoral Impingement
Proximal Hamstring Injury
Abdominal Muscle Injury
Core Muscle Injury
Osteitis Pubis
True Hernias

OTHER

Bursitis, Hip and Pelvis
Piriformis Syndrome and Nerve Injuries of Pelvis

SECTION 6: KNEE

INTRODUCTION AND OVERVIEW

Knee Overview

BONES AND JOINTS

Distal Femur Fracture
Tibial Plateau Fracture
Tibiofemoral Dislocation
Proximal Tibiofibular Joint Injury and Proximal Fibula Fracture
Patella Fracture
Avulsion, Knee

Tibial and Fibular Shaft Fractures
Stress Injury, Leg
Toddler Fracture
Osteochondral Injury, Knee
Cartilage Injury, Knee
Subchondral Fracture, Knee
Articular Cartilage: Postoperative Imaging

LIGAMENTS

Anterior Cruciate Ligament Injury
Anterior Cruciate Ligament: Postoperative Imaging
Posterior Cruciate Ligament Injury
Medial Collateral Ligament Injury, Knee
Lateral Collateral Ligament Complex Injury, Knee
Posterolateral Corner Injury
Iliotibial Band Friction Syndrome

MENISCI

Meniscus Pitfalls and Variations
Discoid Meniscus
Meniscus Degeneration
Meniscus Root Injury
Meniscus Horizontal Tear
Meniscus Radial Tear
Meniscus Vertical Longitudinal Tear
Meniscus Bucket-Handle Tear
Other Displaced Meniscus Tears
Complex Meniscus Tear
Ramp Lesion and Meniscocapsular Separation
Popliteomeniscal Fascicle Tear
Parameniscal Cyst
Intrameniscal Cyst
Meniscal Ossicle
Menisci: Postoperative Imaging

TENDONS

Quadriceps Injury
Patellar Tendon Injury
Transient Patella Dislocation
Pes Anserine Bursitis
Posteromedial Corner Injury

Plantaris Tendon Injury

OTHER

Popliteal Cyst

Intercondylar Notch Cyst

Prepatellar and Pretibial Bursitis

Deep Infrapatellar Bursitis

Medial Patellar Plica Syndrome

Peroneal Nerve Injury

Compartment Syndrome and Muscle Hernia

SECTION 7: ANKLE AND FOOT

INTRODUCTION AND OVERVIEW

Ankle and Foot Overview

Accessory Ossicles, Ankle and Foot

Accessory Muscles, Ankle and Foot

BONES AND JOINTS

Pilon Fracture

Malleolus Fracture

Ankle Dislocation

Osteochondral Injury, Ankle

Talus Fracture, Body and Processes

Talus Fracture, Neck and Head

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Calcaneus Fracture, Intraarticular

Calcaneus Fracture, Extraarticular

Navicular Fracture and Dislocation

Cuboid Fracture

Lisfranc Ligament Injury

Lisfranc Fracture-Dislocation

Stress Fracture, Ankle and Foot

Metatarsal Fracture

Toe Fracture and Dislocation

Salter-Harris Fracture, Ankle

Sever Disease

Freiberg Infracion

LIGAMENTS

Syndesmosis Injury, Ankle
Ankle Sprain
Deltoid Ligament Injury
Spring Ligament Injury
Chopart Joint Injury
1st Metatarsophalangeal Joint Injury
Lesser Metatarsophalangeal Joint Injury

MUSCLES AND TENDONS

Achilles Tendon Injury
Flexor Hallucis Longus Tendon Injury
Posterior Tibial Tendon Injury
Flexor Retinaculum Avulsion
Extensor Tendon Injury, Ankle and Foot
Peroneus Tendon Injury
Superior Peroneal Retinaculum Avulsion
Muscle Injury, Foot
Plantar Fascia Injury

OTHER

Anterior Impingement, Ankle
Anterolateral Impingement, Ankle
Posterior Impingement, Ankle
Haglund Syndrome
Sinus Tarsi Syndrome
Ankle and Subtalar Instability
Nerve Injury
Tarsal Tunnel Syndrome

POSTOPERATIVE

Lateral Ligament Reconstruction, Ankle
Tendon Repair, Ankle
Amputation, Foot/Ankle