

Χαρακτηριστικά:

- Features all-new **3T and 7T MR images** that provide exceptional imaging detail
- Illustrates **pediatric skeletal development**
- Presents radiographic, CT, and MR images complemented by **large, extensively labeled artists' illustrations** throughout
- Includes **new chapters on the brachial plexus, scapula, clavicle, and sternum** that reflect the enlarging scope of musculoskeletal practice as well as **new introductory chapters** elucidating bone maturation, bone marrow, and the musculotendinous unit
- Features **overview chapters for each region** that provide essential information, radiographs, and expert medical illustrations as well as **focused chapters** that dive deeper into the most complex anatomic issues, such as posterolateral corner of the knee
- Provides **detailed anatomy in at least 3 planes** in MR atlas chapters
- Discusses common **normal variants, imaging pitfalls, and clinical applications** for each area
- Contains updated text to reflect improved MR **visualization of small structures** and current clinical concerns related to anatomy
- Employs a **time-saving, bulleted format** that distills complex information for easy comprehension
- **Includes a complimentary eBook** with access to everything in the print version as well as **additional images, text, and references**, with the ability to search, customize your content, and have content read aloud

Περιεχόμενα:

SECTION 1: INTRODUCTION TO MUSCULOSKELETAL SYSTEM

Structural Principles of Bones and Joints

Structural Principles of Skeletal Muscle

Bone Maturation

SECTION 2: SHOULDER

Shoulder Overview

Shoulder MR Atlas

Shoulder Rotator Cuff and Biceps Tendon

Shoulder Labroligamentous Complex

Shoulder Normal Variants and Imaging Pitfalls

Scapula Anatomy

Clavicle and Sternum Anatomy
Brachial Plexus Anatomy

SECTION 3: ARM

Arm Anatomy

SECTION 4: ELBOW

Elbow Overview
Elbow MR Atlas
Elbow Ligaments
Elbow Normal Variants and Imaging Pitfalls
Elbow Measurements and Lines

SECTION 5: FOREARM

Forearm Anatomy

SECTION 6: WRIST

Wrist Overview
Wrist MR Atlas
Wrist Ligaments
Wrist and Hand Normal Variants and Imaging Pitfalls
Wrist Measurements and Lines

SECTION 7: HAND

Hand Overview
Hand MR Atlas
Thumb Anatomy
Flexor and Extensor Mechanisms of Hand

SECTION 8: PELVIS AND HIP

Pelvis Overview
Pelvis MR Atlas
Hip Overview
Hip MR Atlas
Pelvis and Hip Normal Variants and Imaging Pitfalls
Pelvis and Hip Measurements and Lines

SECTION 9: THIGH

Thigh Anatomy

SECTION 10: KNEE

Knee Overview

Knee MR Atlas

Knee Extensor Mechanism and Retinacula

Knee Menisci

Knee Cruciate Ligaments

Knee Medial and Posterior Supporting Structures

Knee Lateral Supporting Structures

Knee and Leg Normal Variants and Imaging Pitfalls

Knee and Leg Measurements and Lines

SECTION 11: LEG

Leg Anatomy

SECTION 12: ANKLE AND FOOT

Ankle Overview

Foot Overview

Ankle and Foot MR Atlas

Ankle Ligaments and Retinacula

Ankle and Foot Normal Variants and Imaging Pitfalls

Ankle and Foot Measurements and Lines