

Χαρακτηριστικά:

- Reflects the most current ultrasound techniques for each body section, and dozens of revised diagnosis chapters that feature new content, ultrasound images, and schematics
- Contains new chapters on nerves, brachial plexus, synovial biopsy and more, as well as newly up-to-date anatomy chapters with more clinically relevant schematic diagrams
- Uses a bulleted, templated format that helps you quickly find and understand complex information, as well as thousands of high-quality images and illustrations
- Describes how to write an efficient, useful, and factually correct ultrasound report
- Approaches musculoskeletal ultrasound from the viewpoints of a specific diagnosis (Dx section) as well as that of a specific ultrasound appearance (DDx section)
- Offers updates on fundamental ultrasound technique, ultrasound anatomy, and pitfalls, ideal for those either new to musculoskeletal ultrasound or those with limited experience who wish to improve their skill set
- Serves as an ideal reference for radiologists, sonographers, rheumatologists, orthopedic surgeons, sports physicians, and physiotherapists
- Includes an eBook version that enables you to access all text, figures, and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud; additional digital ancillary content may publish up to 6 weeks following the publication date

Περιεχόμενα:

Part I: Anatomy

Section 1: Upper Limb

Sternoclavicular and Acromioclavicular Joints

Shoulder

Axilla

Arm

Elbow

Forearm

Wrist

Hand

Thumb

Fingers

Upper Limb Arteries and Veins

Brachial Plexus

Radial Nerve

Median Nerve
Ulnar Nerve

Section 2: Trunk

Chest Wall
Abdominal Wall
Paraspinal Structures
Groin
Pelvic and Thigh Nerves

Section 3: Lower Limb

Gluteal Muscles
Hip
Thigh
Lower Limb Arteries and Veins
Knee
Leg
Leg Nerves
Ankle
Hindfoot and Midfoot
Forefoot

Part II: Ultrasound in Practice

Section 1: Approach

Approach to Musculoskeletal Ultrasound
Musculoskeletal Ultrasound Artifacts
Writing an Ultrasound Report

Section 2: Technique

Shoulder Ultrasound
Brachial Plexus Ultrasound
Elbow Ultrasound
Wrist Ultrasound
Hand Ultrasound
Groin Hernia Ultrasound
Hip Ultrasound
Knee Ultrasound
Ankle Ultrasound
Foot Ultrasound

Part III: Diagnoses

Section 1: Tendon Disorders

Rotator Cuff/Biceps Tendinosis
Rotator Cuff/Biceps Tendon Tear
Nonrotator Cuff Tendinosis
Nonrotator Cuff Tendon Tears
Tenosynovitis
Elbow Epicondylitis

Section 2: Soft Tissue, Bone, and Joint Injury

Fat Injury
Muscle Infarction
Muscle Injury
Hematoma/Seroma
Ligament Injury
Bone Fracture

Section 3: Arthropathies

Osteoarthritis
Inflammatory Arthritis
Gout and Pseudogout
Developmental Hip Dysplasia

Section 4: Neurovascular Abnormalities

Nerve Injury
Carpal Tunnel Syndrome
Cubital Tunnel Syndrome
Brachial Plexus Pathology
Tarsal Tunnel Syndrome
Nerve Sheath Tumors
Vascular Dilatation or Inflammation

Section 5: Infection

Soft Tissue Infection
Bone Infection
Joint Infection
Postoperative Infection

Section 6: Articular and Paraarticular Masses

Hemarthrosis and Lipohemarthrosis
Baker Cyst
Bursitis
Ganglion Cyst

Parameniscal Cyst
Synovial Tumor

Section 7: Soft Tissue and Bone Tumors

Plantar Fasciitis and Fibromatosis
Lipoma
Epidermoid Cyst
Pilomatricoma
Dermatofibrosarcoma Protuberans
Vascular Leiomyoma
Superficial Metastases, Melanoma, and Lymphoma
Vascular Anomaly
Foreign Body and Injection Granuloma
Lymph Node Abnormality
Soft Tissue Sarcoma
Bone Tumor
Local Tumor Recurrence

Section 8: Hernia

Abdominal Wall Hernia
Groin Hernia

Part IV: Differential Diagnoses

Section 1: General Lumps and Bumps

Hypoechoic Subcutaneous Mass
Hyperechoic Subcutaneous Mass
Hypoechoic Muscle Mass
Hyperechoic Muscle Mass
Cystic Soft Tissue Mass
Calcified Soft Tissue Mass
Hypervascular Soft Tissue Mass

Section 2: Tendon Abnormalities

Peritendinous Mass
Tendon Hypoechoogenicity
Tendon Hyperechogenicity
Tendon Swelling

Section 3: Nerve, Fascia, and Bone

Swollen Nerve
Fascial Lesion
Bone Surface Lesion

Section 4: Joint Abnormalities

Paraarticular Cystic Mass
Synovial Swelling
Joint Effusion

Section 5: Chest and Abdominal Wall

Chest Wall Lesion
Abdominal Wall Lesion

Part V: Interventional Procedures

Section 1: Biopsy

Soft Tissue Biopsy
Bone Biopsy
Synovial Biopsy

Section 2: Joint Procedures

Joint Injection: Upper Limb
Joint Injection: Lower Limb
Shoulder Procedures
Elbow Procedures
Hand and Wrist Procedures
Hip and Pelvis Procedures
Knee Procedures
Ankle and Foot Procedures