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Titolo	Hip magnetic resonance imaging // Young-Jo Kim, Tallal Charles Mamisch, editors
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Descrizione fisica	1 online resource (xiii, 230 pages) : illustrations (some color)
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Soggetti	Hip joint - Magnetic resonance imaging
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I: MRI Principles -- Basic MRI Physics and Artifacts -- Non-contrast Biochemical Imaging -- Delayed Gadolinium Enhanced MRI of Cartilage -- Clinical Application of Biochemical Imaging of Cartilage -- Part II: Hip Joint Anatomy and Diseases -- Normal Articular Anatomy -- Abnormal Osseous Anatomy -- Abnormal Articular Anatomy -- Developmental Hip Disorders -- Extra-articular Hip Conditions and Sports Injuries -- Part III: MRI Techniques to Detect Disease Conditions -- Overview of Diagnostic Imaging of Hip Joint -- Labral Disease -- Osteonecrosis -- Extra-articular Conditions -- Cartilage Damage -- Structural Assessment -- Part IV: Utilization of Biochemical Imaging Biomarkers in Treatment of Hip Disorders -- Application of dGEMRIC to the Study of Hip Disorders -- Application of T1rho to the Hip. .
Sommario/riassunto	Hip Magnetic Resonance Imaging presents a basic yet comprehensive discussion of the role and use of MRI in the diagnosis and treatment of injuries and diseases of the hip, highlighting common concerns and procedures. Beginning with the principles of MRI and dGEMRIC and moving on to normal and abnormal hip anatomy, the focus shifts to the MRI techniques used in the detection of disease conditions of the hip, including labral disease, osteonecrosis, extra-articular conditions and cartilage damage. Chapters on the utilization of biochemical imaging biomarkers in the treatment of hip disorders round out the text. Written by experts in radiology and orthopedics and generously illustrated with MRI radiographs, this book will be an important reference work for clinicians in those fields, as well as practitioners of

sports medicine and primary care physicians.
