
Description: The first complete textbook and atlas of the vitally important technique of bone age assessment utilizing MRI for children’s hand and wrist

This latest volume in the growing Wiley Current Clinical Imaging series is a must–have resource that collects, in a single volume, all that is currently known and applicable about the use of magnetic resonance imaging (MRI) for the assessment of bone age.

Presented in two parts, Text–Atlas of Skeletal Age Determination: MRI of the Hand and Wrist in Children first focuses on the anatomic, social, and legal aspects of bone age, providing a concise overview of the use of bone age determination in medical, legal, and social systems. It then covers the clinical use and application of MRI in assessing bone age. The book offers complete chapter coverage on endocrinology, puberty, and disorders of pubertal development; bone marrow maturation in healthy and diseased states; growth failure and pediatric inflammatory bowel disease; skeletal findings in neurometabolic disease, genetic disease, and pediatric oncology patients; and much more.

Text–Atlas of Skeletal Age Determination provides:

- A comprehensive review of the medical, legal, and social aspects of bone age assessment
- An in–depth discussion of MRI as an alternative to the traditional ionizing radiation–based radiographic techniques for the assessment of bone age
- Complete guidelines for clinical application of these MRI–based techniques
- "Recipes" for replicating these techniques and applications for diverse patient populations
- Cutting–edge information prepared and presented by an international team of experts
- A superb collection of beautifully reproduced, high–quality images

This is an ideal book for radiologists, pediatricians, family physicians, endocrinologists, and sports medicine physicians interested in skeletal development and bone age assessment.

Contents: Contributors, ix
Introduction, xiii
Preface, xv

1 Anatomic Aspects of Bone Ossification and their Magnetic Resonance Counterparts, 1
Guido Carpino, Ernesto Tomei, Richard C. Semelka, and Eugenio Gaudio

2 Bone Age: Medico–legal Issues, 7
Serenella Serinelli, Paolo Arbarello, Sofia Battisti, Ernesto Tomei, and Richard C. Semelka

3 Endocrinology, Puberty, and Disorders of Pubertal Development, 17
Antonio Radicioni, Gilda Ruga, Sofia Battisti, Richard C. Semelka, Ernesto Tomei, and Andrea Lenzi

4 MR Assessment of Skeletal Age in Healthy Children, 23
Ernesto Tomei, Sofia Battisti, Milvia Martino, and Richard C. Semelka

5 Maturation of Individual Bones of the Hand and Wrist in Healthy Children, 57
Milvia Martino, Sofia Battisti, Richard C. Semelka, and Ernesto Tomei

6 Musculoskeletal Findings in Young Athletes, 77
Sofia Battisti, Milvia Martino, Alessandro Sartori, Ernesto Tomei, and Richard C. Semelka

7 Bone Marrow Maturation in Healthy and Diseased States, 85
Sofia Battisti, Ernesto Tomei, Antonello Rubini, Milvia Martino, Andrea Laghi, and Richard C. Semelka

8 Nutrition and Growth, 93
Silvia Migliaccio, Sofia Battisti, Alessandro Pinto, Lorenzo Maria Donini, Ernesto Tomei, and Richard C. Semelka

9 MRI Skeletal Age Estimation in Celiac Disease, 99
Monica Montuori, Maria Bavestrelli, Margherita Bonamico, Milvia Martino, Richard C. Semelka, and Ernesto Tomei

10 Growth Failure and Pediatric Inflammatory Bowel Disease, 105
Marina Aloi, Salvatore Cucchiara, Milvia Martino, Richard C. Semelka, and Ernesto Tomei

11 Adult Bone Diseases That Begin in Childhood, 109
Salvatore Minisola, Vincenzo Carnevale, Najwa Al Ansari, Ernesto Tomei, and Richard C. Semelka

12 Skeletal Findings in Neurometabolic Disease, 117
Mario Mastrangelo, Sara Bertino, Sofia Battisti, Richard C. Semelka, Ernesto Tomei, and Vincenzo Leuzzi

13 Skeletal Findings in Genetic Disease, 123
Luigi Tarani, Natascia Liberati, Chiara Mancini, Francesca Mancini, Michela Martini, Chiara Mattiucci, Giovanni Parlapiano, Leonardo Pimpolari, Richard C. Semelka, and Fiorenza Colloridi

14 Skeletal Findings in Pediatric Oncology Patients, 133
Anna Clerico, Giulia Varrasso, Carlo Alberto Cappelli, Milvia Martino, Richard C. Semelka, and Ernesto Tomei

15 Bone Mineral Density Measured with DXA Method in Pediatric Inflammatory Bowel Diseases, 137
Carlina V. Albanese and Richard C. Semelka

16 MRI of the Symptomatic Hand and Wrist, 143
Daniel B. Nissman

17 Magnetic Resonance Imaging Principles and Techniques, 149
Daniel B. Nissman and Brian M. Dale

Index, 155

A color plate section falls between pages 144 and 145

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