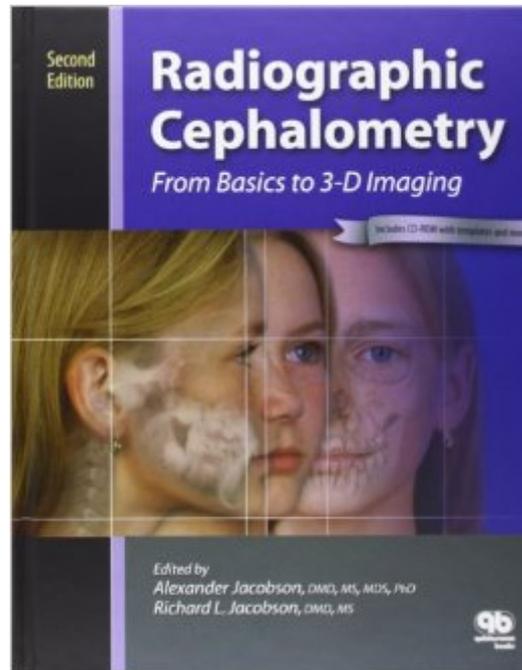


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Radiographic Cephalometry: From Basics To 3-d Imaging



Synopsis

Digitization of photographs, radiographs, and cephalometry has radically transformed the practice of clinical orthodontics. This important textbook, widely regarded as the definitive source on radiographic cephalometry, has now been updated and expanded to reflect these emerging technologic innovations. In addition to covering basic principles - including manual tracing techniques, landmark identification, and the traditional cephalometric analyses - this new edition describes the numerous applications of digital radiography, digital radiographic cephalometry, and 3-D cephalometric analysis for enhanced accuracy and efficiency in diagnosis and outcome prediction. Eight completely new chapters have been added on the advantages and drawbacks of 2-D versus 3-D analysis; the use of imaging in treatment planning; the value of electronic storage, analysis, and retrieval of all records; anteroposterior cephalometry; the first 3-D cephalometric analysis; and more. An accompanying CD-ROM containing a reproducible headfilm and templates, both for manual and digital cephalometry, as well as sample video clips is included with every book. This comprehensive text is ideal for both students and experienced professionals who wish to refresh and/or update their understanding of this subject.

Contents

1. The Role of Radiographic Cephalometry in Diagnosis and Treatment Planning
2. Twenty Centuries of Cephalometry
3. Radiographic Cephalometric Technique
4. Tracing Technique and Identification of Landmarks
5. Advantages and Accuracy of Digital Versus Film-Based Cephalometry
6. Downs Analysis
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12. The Geometry of Cephalometry
13. Superimposition of Cephalometric Radiographs
14. Natural Head Position: The Key to Cephalometry
15. The Moorrees Mesh Diagram: Proportionate Analysis of the Human Face
16. Template Analysis
17. The Proportionate Template
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21. Cephalometric Imaging in 3-D
22. Three-Dimensional Cephalometry
23. Posteroanterior Cephalometry: Craniofacial Frontal Analysis
24. How Reliable is Cephalometric Prediction?

Accompanying CD-ROM Manual Tracing Templates and Techniques Digital Tracing Templates and Techniques Video Clips Demonstrating 3-D Technology

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