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Book information

Editor: Kula, Katherine / Ghoneima, Ahmed

Title: Cephalometry in Orthodontics

Subtitle: 2D and 3D

Short text:

Cephalometrics has been used for decades to diagnose orthodontic problems and evaluate treatment. However, the shift from 2D to 3D radiography has left some orthodontists unsure about how to use this method effectively. This book defines and depicts all cephalometric landmarks on a skull or spine in both 2D and 3D and then identifies them on radiographs. Each major cephalometric analysis is described in detail, and the linear or angular measures are shown pictorially for better understanding. Because many orthodontists pick specific measures from various cephalometric analyses to formulate their own analysis, these measures are organized relative to the skeletal or dental structure and then compared or contrasted relative to diagnosis, growth, and treatment. Cephalometric norms (eg, age, sex, ethnicity) are also discussed relative to treatment and esthetics. The final chapter shows the application of these measures to clinical cases to teach clinicians and students how to use them effectively. As radiology transitions from 2D to 3D, it is important to evaluate the efficacy and cost-effectiveness of each in diagnosis and treatment, and this book outlines all of the relevant concerns for daily practice.

Contents

- Chapter 01. Introduction to the Use of Cephalometrics
- Chapter 02. 2D and 3D Radiography
- Chapter 03. Skeletal Landmarks and Measures
- Chapter 04. Frontal Cephalometric Analysis
- Chapter 05. Soft Tissue Analysis
- Chapter 06. A Perspective on Norms and Standards
- Chapter 07. The Transition from 2D to 3D Cephalometrics: Understanding the Problems of Landmarks and Measures
- Chapter 08. Cephalometric Airway Analysis
- Chapter 09. Radiographic Superimposition: From 2D to 3D
- Chapter 10. Growth and Treatment Predictions: Accuracy and Reliability
- Chapter 11. Measuring Bone with CBCT
- Chapter 12. Common Pathologic Findings in Cephalometric Radiology
- Chapter 13. The Cost of 2D Versus 3D Radiology
- Chapter 14. Clinical Cases

Categories: Orthodontics