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## Book information

**Editor:** Tuncay, Orhan C.  
**Title:** The Invisalign System  
**Short text:**

This book, the first to be published on the Invisalign System, provides the reader with an in-depth look at the technology, performance, and clinical applications of this uniquely esthetic and patient-friendly approach to orthodontic treatment. Unlike conventional fixed orthodontic treatment approaches, Invisalign is a system that uses the clinician's diagnostic data to create a three-dimensional image of the desired course of tooth movement; treatment is then carried out using a series of custom-manufactured removable, clear plastic aligners. Full-color images illustrate every step of this process: from impression taking, image acquisition, and virtual diagnosis through digital three-dimensional treatment planning. Clinical considerations, such as indications and contraindications, esthetic analysis, and treatment of adolescents, are also discussed. In addition, the technology behind the Invisalign System - including software, appliance design, manufacturing, material properties, biomechanics of force systems applied to the teeth, and periodontal response to treatment - is presented in the context of how it currently functions as well as research and development for future innovations. Excellent for clinicians who want to learn more about how the Invisalign System can be integrated into their practice.

#### Contents

Section I. History of the Concept  
Chapter 01. The Dental Contour Appliance: A Historical Review  
Chapter 02. Essix Technology: Tooth Movement and Retention  
Chapter 03. History and Overview of the Invisalign System

Section II. Modeling in the Invisalign System  
Chapter 04. Polyvinyl Siloxane Impression Materials  
Chapter 05. Align's Standard on Quality Impressions  
Chapter 06. Scanning Process and Stereolithography  
Chapter 07. Invisalign Software  
Chapter 08. Virtual Diagnostic Setup  
Chapter 09. Attachments  
Chapter 10. Invisalign Attachments: Materials  
Chapter 11. ClinCheck: Overview and Preparation  
Chapter 12. Staging  
Chapter 13. Overcorrection: Principles and Considerations  
Chapter 14. Three-Dimensional Superimposition Tool  
Chapter 15. Virtual Invisalign Practice  
Chapter 16. Computer-Oriented Dental Measurements

Section III. Performance Characteristics of the Invisalign System  
Chapter 17. Mechanics of Tooth Movement with Invisalign  
Chapter 18. Applications of Mechanics with Invisalign  
Chapter 19. Biologic Elements of Tooth Movement  
Chapter 20. Properties of Aligner Material Ex30  
Chapter 21. Ex40 Material and Aligner Thickness  
Chapter 22. Extraction Treatment with Invisalign  
Chapter 23. Force Application with Invisalign: Constancy and Compliance

Section IV. Clinical Considerations in Using the Invisalign System  
Chapter 24. Advantages of the Invisalign System  
Chapter 25. Review of the Diagnostic Process  
Chapter 26. Interproximal Enamel Reduction  
Chapter 27. Facial Esthetic Examination and Analysis  
Chapter 28. Surgical Treatment and Invisalign  
Chapter 29. Feasibility Study of the Invisalign System in Treatment of Adolescents  
Chapter 30. Data Mining: Principles and Considerations

Section V. Office Design and Technology

Chapter 31. Invisalign Office Design and Technology

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