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## Buch-Information

**Hrsg.:** Tuncay, Orhan C.  
**Titel:** The Invisalign System  
**Kurztext:**

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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