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 411 North Raddant Road  
Batavia  
Illinois IL 60510  
United States of America

 +1 (0)630 / 736-3600

 +1 (0)630 / 736-3633

 [contact@quintbook.com](mailto:contact@quintbook.com)

 <https://www.quintessence-publishing.com/usa/en>

## 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.

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**Contributors**

Marc B. Ackerman • Andrew Beers • Robert L. Boyd • Heng Cao • Jihua Cheng • David Chenin • Craig Crawford • Mitra G. Derakhshan • Trang Duong • Robert Fry • Paul-Georg Jost-Brinkmann • Agnes A. Kan • Srinivas Kaza • Peter Knopp • Eric Kuo • Marc S. Lemchen • Chunha Li • Vadim Matov • Rainer-Reginald Miethke • Ross Miller • Henry I. Nahoum • C. Van Nguyen • David E. Paquette • John M. Powers • John Sheridan • Rene Sterental • Robert Tricca • Andrew Trosien • Orhan C. Tuncay • Kent Verdis

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