



Auflage: 1st Edition 2011  
Seiten: 704  
Abbildungen: 2234  
Einband: Hardcover  
ISBN: 978-1-85097-206-8  
Artikelnr.: 18041  
Erschienen: Mai 2011

Preis 48,00 €  
Änderungen vorbehalten!

#### Quintessenz Verlags-GmbH

 Ifenpfad 2-4  
12107 Berlin  
Deutschland

 +49 (0) 30 / 76180-5

 +49 (0) 30 / 76180-680

 [info@quintessenz.de](mailto:info@quintessenz.de)

 <https://www.quintessence-publishing.com/deu/de>

## Buch-Information

**Hrsg.:** Romano, Rafi  
**Titel:** Lingual & Esthetic Orthodontics  
**Kurztext:**

In response to a new surge of interest in esthetic orthodontic techniques, this exceptional book details the state of the art in lingual orthodontics. Featuring the experiential knowledge of 39 of the best clinicians from around the world who practice lingual orthodontics on a daily basis, this book represents the first comprehensive clinical reference on the lingual orthodontic technique and reviews the latest advancements in the field, including available bracket systems, innovations in laboratory and simulation techniques, standard biomechanics from alignment to finishing, effective clinical protocols, and helpful tips and tricks for efficient treatment. The inclusion of a section on clear aligners shows how standard lingual orthodontic treatment can be used in combination with plastic aligners for optimum esthetic orthodontic results. No other book can match its timely, in-depth coverage of the field of lingual orthodontics.

#### Contents

##### Section I. The Lingual Appliance: Brackets, Wires and Accessories

- Chapter 01. Development of the In-Ovation-L Bracket from GAC
- Chapter 02. New Horizons in 2D Lingual Orthodontics
- Chapter 03. The Stealth System, Today and in the Future
- Chapter 04. Magic: Treatment Efficiency Meets Patient Comfort
- Chapter 05. ORG Lingual Brackets
- Chapter 06. STb: The Light Lingual System
- Chapter 07. The Phantom Bracket: Lingual Self-ligation and Esthetics
- Chapter 08. Lingual Orthodontic Cases Treated with Original Hiro Brackets
- Chapter 09. Self-ligation and Traditional Ligation in Lingual Orthodontics: Pros and Cons
- Chapter 10. Customized Brackets and Archwires for Lingual Orthodontic Treatment
- Chapter 11. 3D Interactive Treatment Planning and Patient-Specific Appliances
- Chapter 12. The Manufacturing Process of Lingual Jet
- Chapter 13. Self-ligating Brackets in Lingual Orthodontics
- Chapter 14. The Evolution Bracket: Clinical Experience
- Chapter 15. Instruments Used in Lingual Orthodontics

##### Section II. Updated Laboratory and Simulation Techniques

- Chapter 16. Digital Advancements in Lingual Orthodontics and Laboratory Procedures
- Chapter 17. Orapix System in Lingual Orthodontics
- Chapter 18. Indirect Bonding Technique in Lingual Orthodontics: The Hiro System
- Chapter 19. In-house Lingual Bracket Transfer Systems
- Chapter 20. A Modified Hiro System Within a Laboratory Sequence
- Chapter 21. Lingual Plain-Wire Appliance System

##### Section III. Mechanics: From Alignment to Finishing

- Chapter 22. Tooth-Size Discrepancies and Stripping
- Chapter 23. How to Control the Vertical Dimension With Lingual Orthodontics
- Chapter 24. Theoretical Analysis of Maxillary Incisor Movement due to Anteroposterior Force: Labial vs Lingual
- Chapter 25. Interdisciplinary Treatment with Lingual Orthodontics
- Chapter 26. Combining Lingual Orthodontics with Surgery
- Chapter 27. Customized Hiro Transfer System
- Chapter 28. Microimplant Anchorage in Lingual Orthodontic Treatment
- Chapter 29. Microimplants and Lingual Orthodontics
- Chapter 30. Lingual Orthodontics in a Multidisciplinary Practice
- Chapter 31. Finishing With Lingual Orthodontics

##### Section IV. Tips and Tricks in Lingual Treatment

- Chapter 32. Paradigms in Lingual Orthodontics

Chapter 33. Problems, Their Solutions, and Some Clinical Tips  
Chapter 34. Clinical Considerations for the Establishment of Facial Balance and Harmony  
Chapter 35. Aluminium Oxide: To Use or Not To Use  
Chapter 36. Speech Language Therapy: The Key to Functional Control and Relapse Avoidance in Lingual Orthodontic Treatments  
Chapter 37. Related Teeth in Lingual Orthodontics: Problems and Solutions  
Chapter 38. It Is All in Your Hands: Food for Thought

Section V. Clear and Esthetic Appliances

Chapter 39. Invisalign: Effective and Accurate Treatment of a Variety of Malocclusions  
Chapter 40. Lingual Orthodontics in Class II and III Malocclusions: The Microimplant-Supported Pendulum and Mechanics  
Chapter 41. Clear Aligner: Its Application and Combined Treatment With Lingual Bracket

Section VI. Future of Lingual Orthodontics

Chapter 42. Future of the Lingual Orthodontics Technique

**Contributors**

C. Andreiko • P. Baron • T. Brosh • V. Burdess • V. Cacciafesta • A. Chatoo • W. Dayan • R. Demicheri • P. Echarri • L. Favero • V. Favero • L. Frost • S. Geron • A. Gilbert • C. M. M. Gimenez • D. Grandi de Trepas • C. Gualano • G. Hall • J. Harfin • T. Hiro • T. Inami • T. W. Kim • H.-M. Kyung • H. Loidl • L. Lombardo • J.-P. Marcó • F. Marconi Jr • M. Nakagawa • C. Navarro • M. Navarro • T. Örtendahl • R. Romano • A. Sciacca • L. Sempe • P. Taylor • R. Thurler • H. Valdetaro • A. Veneziani • J. Villanueva

**Fachgebiet(e):** Ästhetische Zahnheilkunde, Kieferorthopädie