Dentos Book Series

For better orthodontic solutions

- Microimplants in Orthognathic Surgical Orthodontics
- Lingual Orthodontic Treatment
- Microimplants in Orthodontic Treatment
- Efficient Use of Microimplants in Orthodontics
- Minor Tooth Movement with Microimplants for Prosthetic Treatment
- Microimplants in Orthodontics
- Introduction of Innovative Orthodontic Concepts Using Microimplant Anchorage
- Periodontal Tissue regeneration method by tooth movement
This book covers detailed surgical procedure and management for microimplants and factors affecting success of the microimplants, simple and efficient treatment mechanics (MIA sliding mechanics) for the treatment of bialveolar protrusion and high angle Class II patients. Also the factors to control facial profile improvement was discussed by presenting clinical cases.

Contents

Chapter 01
Introduction and history of skeletal anchorage

Chapter 02
Possible locations for placement of microimplants

Chapter 03
Biological considerations and surgical procedure for microimplant placement

Chapter 04
Success, failure and clinical management of the microimplants

Chapter 05
Biomechanical considerations of MIA (Microimplant Anchorage) sliding mechanics

Chapter 06
MIA Sliding Mechanics treatment with premolar extraction and treatment effects
In volume 2, the treatment and long-term stability of openbite and methods to improve stability of openbite treatment, nonextraction whole arch distalization, the treatment of deepbite and Class III malocclusion, and minor tooth movement for prosthetic treatment was discussed.

Efficient Use of Microimplants in Orthognathics
Openbite, Deepbite, Class III treatment, Nonextraction treatment, and Various clinical applications

Contents

Chapter 01
Treatment of openbite

Chapter 02
Distalization of entire dentitions with microimplants
(Treatment by nonextraction MIA sliding mechanics)

Chapter 03
Treatment of deepbite

Chapter 04
Treatment of Class III malocclusion

Chapter 05
Clinical applications of microimplants

2015 released
360 pages
The book covers the efficient use of Microimplants in pre-and post-surgical orthodontic treatment for orthognathic. The role of microimplants in stabilizing or modifying the position of jaw bones just after surgery to overcome surgical errors or unexpected soft tissue response was discussed. Also this book introduces idea to maximize efficiency in surgery-first approach with microimplants. 3D analysis with CBCT and the use of microimplants in surgery for facial asymmetry was also discussed.

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Chapter 01
Treatment planning for orthognathic surgery using 3D CT analysis

Chapter 02
Use of microimplant during the orthognathic surgery for skeletal Class III malocclusion

Chapter 03
Overcoming surgical error during postsurgical orthodontic treatment

Chapter 04
The use of microimplants in orthognathic surgery for patients with facial asymmetry

Chapter 05
Comparison of two-jaw surgery by surgery first approach technique and mandibular one jaw surgery after presurgical orthodontic treatment

Chapter 06
The role of microimplants in surgery first approach

Chapter 07
Roles of microimplants in the anterior segmental osteotomy

Chapter 08
Roles of microimplants in distraction osteogenesis
During the past 30 years since lingual bracket and esthetic treatment by lingual bracket were first introduced in America, various lingual brackets, indirect bonding systems, and treatment techniques have been developed and modified in several countries. And the treatment result obtained with lingual appliances are equally achieved with labial appliances so the limitations in indication are almost vanished. The orthodontists have become interested in lingual orthodontic treatment at the same time, and this book is published to answer the needs of orthodontists and orthodontic residents.

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Chapter 01  
Lingual Brackets

Chapter 02  
Mushroom Archwires

Chapter 03  
The Indirect Bonding System in Lingual Orthodontic Treatment

Chapter 04  
Indirect Bending Method of Mushroom Archwire

Chapter 05  
The Mushroom Archwire Technique (MAT)

Chapter 06  
Screw-Assisted Mushroom Archwire Technique

Chapter 07  
The Mid-Palatal Absolute Anchorage System (MAAS)

Chapter 08  
Special Factors for Consideration in Lingual Orthodontic Treatment

Chapter 09  
Debonding and Retention
The microimplant leads you to the easiest and simplest minor tooth movement as a preprosthetic treatment. No concerns about adverse reactive, and maximized efficiency owing to minimal bonding, simple appliances, and movement only in target tooth or teeth. The most efficient mechanic was illustrated by comparing various clinical approaches.
This book is a work from original developers of the microimplant technique, who spread the technique to the world since 1998. With this book, clinicians can get every detailed information concerning surgical placement, placement site, related treatment mechanics, and treated cases with various types of malocclusion.

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Chapter 01
The History of Skeletal Anchorage in Orthodontics

Chapter 02
Selection of Microimplant Sites and Sizes

Chapter 03
The Development of New Orthodontic Microimplants and Their Clinical Applications

Chapter 04
Surgical Procedures for Microimplant Placement

Chapter 05
Biomechanical Considerations in Microimplant Anchorage

Chapter 06
Clinical Examples of Microimplant Anchorage

Chapter 07
Success and Failure Rates of Miniscrews and Microimplants
[Introduction of Innovative Orthodontic Concepts Using Microimplant Anchorage]

Adjunctive Prerestorative Tooth Movement Without Bracket Appliances

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이렇게 간단, 마이크로임프란트를 이용한 MTM

Chapter 02

마이크로임프란트 식립의 실제

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Chapter 01

생체 메커니즘을 이용한 치아이동에 의한 치주조직 재생요법

Chapter 02

치아이동에 의한 치주조직 재생요법과 포괄적 치과치료

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