



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

Dentos



Hyo-Sang Park

Microimplants in Orthodontic Treatment

Surgical placement and management, Biomechanics, and
Extraction treatment

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



2015 released

276 pages



Hyo-Sang Park

Efficient Use of Microimplants in Orthognathics

Openbite, Deepbite, Class III treatment, Nonextraction treatment,
and Various clinical applications

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.

Vol2



2015 released

360 pages

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



Hyo-Sang Park

Microimplants in Orthognathic Surgical Orthodontics

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.

contents

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

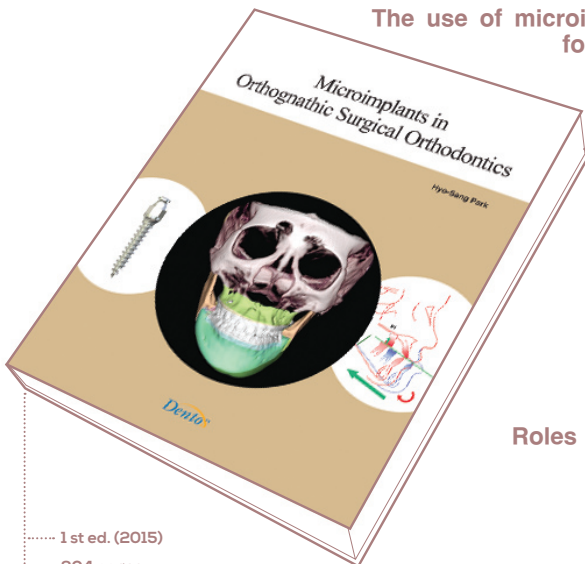
Chapter 04
The use of microimplants in orthognathic surgery for patients with facial asymmetry

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



1st ed. (2015)

204 pages



Ryoon-Ki Hong · Hee-Moon Kyung

Lingual Orthodontic Treatment

Mushroom Archwire Technique and the Lingual Bracket

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.

contents

Chapter 01
Lingual Brackets

Chapter 02
Mushroom Archwires

Chapter 03
The Indirect Bonding System in Lingual Orthodontic Treatment

Chapter 04
Indirect Bonding Method of Mushroom Archwire

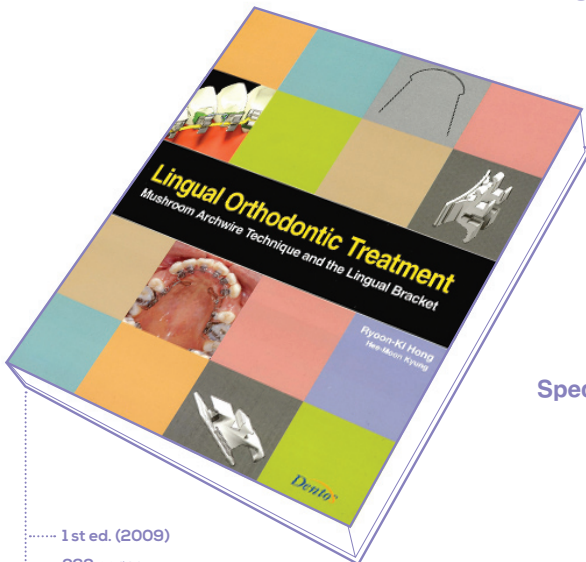
Chapter 05
The Mushroom Archwire Technique (MAT)

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



1st ed. (2009)

262 pages



Hyo-Sang Park

Minor Tooth Movement with Microimplants for Prosthetic Treatment

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.

contents

Chapter 01
Introduction

Chapter 02
Microimplant Placement Surgical procedure

Chapter 03
Molar Uprighting

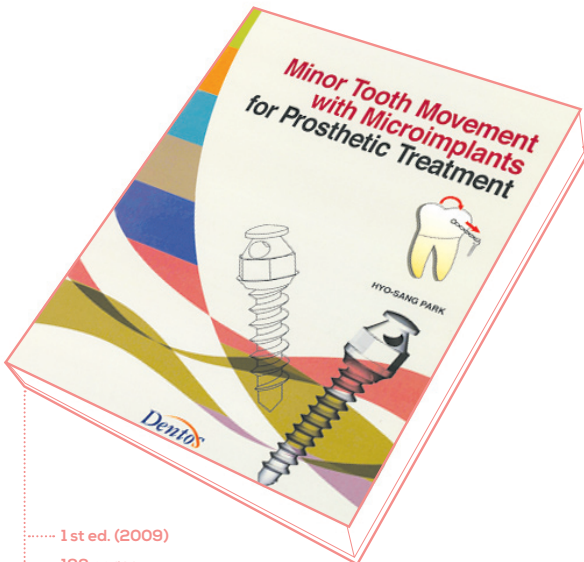
Chapter 04
Molar Intrusion

Chapter 05
Protraction of
a molar or molars

Chapter 06
Forced Eruption

Chapter 07
Redistribution of
Space for a Dental Prosthesis

Chapter 08
Clinical management of
microimplants



1st ed. (2009)

182 pages



Jae-Hyun Sung · Hee-Moon Kyung · Seong-Min Bae · Hyo-Sang Park · Oh-Won Kwon · James A. McNamara, Jr.

Microimplants in Orthodontics

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.

contents

Chapter 01
The History of Skeletal Anchorage in Orthodontics

Chapter 02
Selection of Microimplant Sites and Sizes

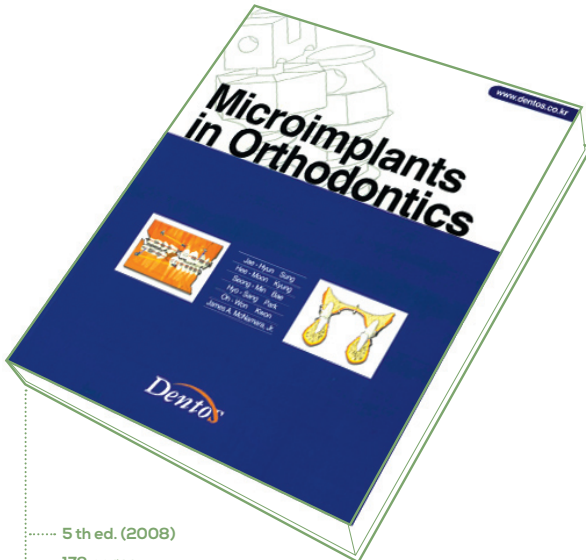
Chapter 03
The Development of New Orthodontic Microimplants and
Their Clinical Applications

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



5th ed. (2008)

178 pages



Haruyuki Hayashi

Translators : Hee-Moon Kyung · In-Kyu Kyung · Joo-Rok Park · Thao Nguyen · Heon-Jae Cho

[임상의를 위한 마이크로임플란트 교정입문]

Introduction of Innovative Orthodontic Concepts Using Microimplant Anchorage

Adjunctive Prerestorative Tooth Movement Without Bracket Appliances



..... 1st ed. (2007)
..... 72 pages
..... Korean Ver. ONLY

contents

Chapter 01
이렇게 간단, 마이크로임플란트를 이용한 MTM

Chapter 02
마이크로임플란트 식립의 실제

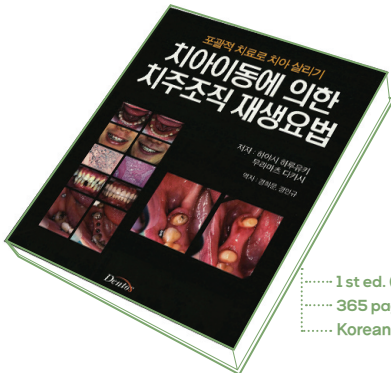
Haruyuki Hayashi

Translators : Hee-Moon Kyung · In-Kyu Kyung

[치아이동에 의한 치주조직 재생요법]

Periodontal Tissue regeneration method by tooth movement

How to save teeth throughout comprehensive dental treatment?



..... 1st ed. (2010)
..... 365 pages
..... Korean Ver. ONLY

contents

Chapter 01
생체 메커니즘을 이용한 치아이동에 의한 치주조직 재생요법

Chapter 02
치아이동에 의한 치주조직 재생요법과 포괄적 치과치료