



Edition: 3rd Edition 2019

pages: 288 Images: 948

Cover: Hardcover, 21,6 x 27,9 cm ISBN: 978-0-86715-791-8

Stock No.: 21921

Published: February 2019

108,00 €

Subject to changes!

## **Quintessenz Verlags-GmbH**

- Ifenpfad 2-4 12107 Berlin Germany
- **J** +49 (0) 30 / 76180-5
- +49 (0) 30 / 76180-680
- ☑ info@quintessenz.de
- http://nginx/deu/de

## **Book information**

Editor: Jensen, Ole T.

Title: The Sinus Bone Graft

## **Short text:**

As research proceeds on treatment of the resorbed posterior maxilla, new techniques and innovations continue to be adopted to solve this clinical problem. While the previous edition of this book provided detailed information on the types of grafting materials and procedures available at the time, this completely revised version looks to the future with new strategies for treatment, some of which avoid grafting altogether. This book not only reviews the time-tested lateral window approach for sinus elevation and grafting but also describes a variety of techniques to approach the sinus transcrestally, with or without grafting material. One section of the book is devoted entirely to the different types of implants and implant placement techniques available, many of which are designed specifically to avoid sinus elevation. In addition to clinical case studies and descriptions of how to perform specific surgical procedures, this book includes discussions on the science of bone formation and how continued research brings us closer every day to the ultimate goal of using tissue engineering to completely regenerate new teeth.

## **Contents**

Section I: Surgical Options for Bone Grafting

Chapter 01. Bone Grafting Strategies for the Sinus Floor Chapter 02. Diagnosis and Treatment of Sinus Infections Chapter 03. Osteoperiosteal Flaps for Sinus Grafting

Chapter 04. The Alveolar Split Approach for Sinus Grafting

Chapter 05. Complex Techniques for Posterior Maxillary Reconstruction

Section II: Lateral and Transcrestal Sinus Elevation

Chapter 06. Lateral Window Surgical Techniques for Sinus Elevation

Chapter 07. Sinus Floor Augmentation Without Bone Graft

Chapter 08. Intraoperative Complications with the Lateral Window Technique

Chapter 09. Transcrestal Window Surgical Technique for Sinus Elevation

Chapter 10. Transcrestal Sinus Augmentation with Osseodensification

Chapter 11. Transcrestal Hydrodynamic Piezoelectric Sinus Elevation

Section III: Implant Placement in the Resorbed Posterior Maxilla

Chapter 12. Lateral and Transcrestal Bone Grafting with Short Implants

Chapter 13. Transsinus Implants

Chapter 14. Guided Extrasinus Zygomatic and Pterygoid Implants

Chapter 15. Navigation for Transsinus Placement of Zygomatic Implants

Chapter 16. Arch-Length Threshold for Using Zygomatic Implants

Chapter 17. Pterygoid Implants

Chapter 18. The Nazalus Implant

Chapter 19. Ultrawide Implants in Molar Sites

Chapter 20. Restoration and Abutment Options

Section IV: Evolution and Innovations in Maxillary Bone Regeneration

Chapter 21. The Sinus Consensus Conference: Results and Innovations

Chapter 22. Sharpey Fiber Biologic Model for Bone Formation

Chapter 23. Using BMP-2 to Increase Bone-to-Implant Contact

Chapter 24. Tissue-Engineered Bone and Cell-Conditioned Media

Chapter 25. Tissue Engineering of the Dental Organ for the Posterior Maxilla

Categories: Implantology, Oral/Maxillofacial Surgery, Oral Surgery