



Auflage: 3rd Edition 2019  
Seiten:: 288  
Abbildungen: 948  
Einband: Hardcover, 21,6 x 27,9 cm  
ISBN: 978-0-86715-791-8  
Artikelnr.: 7618  
Erschienen: Februar 2019

Preis £140.00  
Änderungen vorbehalten!

#### Quintessence Publishing Company, Ltd.

 Grafton Road  
KT3 3AB New Malden, Surrey  
Vereinigtes Königreich von Großbritannien und  
Nordirland

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

 [info@quintpub.co.uk](mailto:info@quintpub.co.uk)

 <http://nginx/gbr/en>

## Buch-Information

**Hrsg.:** Jensen, Ole T.  
**Titel:** The Sinus Bone Graft  
**Kurztext:**

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

**Fachgebiet(e):** Implantologie, Mund-Kiefer-Gesichtschirurgie, Oralchirurgie