



Auflage: 1. Auflage 2022  
 Seiten: 408  
 Abbildungen: 1383  
 Einband: Hardcover, 21 x 28 cm  
 ISBN: 978-1-78698-113-4  
 Artikelnr.: BG146  
 Erschienen: März 2022

Preis \$160.00  
 Änderungen vorbehalten!

**Quintessence Publishing Company, Inc.**

 411 North Raddant Road  
 Batavia  
 Illinois IL 60510  
 Vereinigte Staaten von Amerika

 +1 (0)630 / 736-3600

 +1 (0)630 / 736-3633

 [contact@quintbook.com](mailto:contact@quintbook.com)

 <http://nginx/usa/en>

## Buch-Information

**Autoren:** Hendrik Terheyden  
**Titel:** Augmentation Surgery  
**Untertitel:** Biologic Principles | Surgical Techniques | Clinical Challenges  
**Kurztext:**

Bone and soft tissue augmentation of the alveolar ridge is fairly unique in medicine, because true biologic regeneration of lost alveolar bone is achievable. With this book, the author makes a fine contribution to knowledge management and clinical judgment in this dynamic field. The book begins with the basics of jaw atrophy, biology of bone regeneration, and wound healing, as well as grafts and materials. Subsequent chapters cover standard augmentation techniques such as bone grafting and soft tissue management, fully explaining available augmentation techniques for even the most demanding surgeons. The final third of the book is dedicated to a clinical decision-making scheme for different situations, challenges in the esthetic region, posterior jaws, and fully edentulous ridges. The chapters are supplemented with step-by-step clinical cases that illustrate the respective topic in a clear and comprehensible way. The book aims to introduce general dentists to the field of bone and soft tissue augmentation. It also offers more experienced colleagues, including oral and maxillofacial surgeons, many practical tips, particularly with regard to complication management.

### Contents

#### **Part A. Biologic Basics**

Chapter 01. General Principles of Augmentation Surgery  
 Chapter 02. Biologic Basis of Bone Regeneration and Wound Healing  
 Chapter 03. Bone Grafts  
 Chapter 04. Augmentation Surgery Materials

#### **Part B. Operating Techniques**

Chapter 05. Patient Management and Surgery Preparation  
 Chapter 06. Bone Grafting: Standards and Surgical Technique  
 Chapter 07. Soft Tissue Management and Augmentation  
 Chapter 08. Standard Surgical Techniques for Augmentation  
 Chapter 09. Alternatives and Adjuncts to Standard Augmentation Techniques  
 Chapter 10. Extraction Socket Treatment

#### **Part C. Clinical Challenges and Decision Making**

Chapter 11. Decision Making According to Defect Stage  
 Chapter 12. Decision Making in the Anterior Esthetic Region  
 Chapter 13. The Posterior Regions: Free-End Situations  
 Chapter 14. The Atrophic Edentulous Jaw  
 Chapter 15. Reparative Surgery and Complication Management

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