



Edition: 3rd Edition 2022  
 pages: 344  
 Images: 1040  
 Cover: Hardcover, 21,6 x 28 cm  
 ISBN: 978-0-86715-803-8  
 Stock No.: 23171  
 Published: November 2021

148,00 €

Price  
 Subject to changes!

#### Quintessenz Verlags-GmbH

📍 Ifenpfad 2-4  
 12107 Berlin  
 Germany

☎ +49 (0) 30 / 76180-5

📠 +49 (0) 30 / 76180-680

✉ info@quintessenz.de

🌐 <https://www.quintessence-publishing.com/deu/de>

## Book information

**Editor:** Buser, Daniel  
**Title:** 30 Years of Guided Bone Regeneration

#### Short text:

With each passing decade, more research is done on GBR, and more surgeons begin adopting this practice with incredible results. Prof Daniel Buser has assembled a team of the top names in implant surgery to put together a comprehensive guide on the materials, indications, techniques, timing, and results of GBR. The book begins with the science of bone regeneration, describing how bone and soft tissue will react and behave under different circumstances, before delving into the different methods and uses of GBR based on the presenting scenario. How to properly time and stage grafting, implant, and prosthetic therapy is a major focus. Case examples are presented documenting each patient's bone regeneration from start to finish, frequently with long-term follow-ups of 10 years or more. Emphasis is given to incision technique and flap design; the selection, handling, and placement of barrier membranes; the combination of membranes with autogenous bone grafts and low-substitution bone fillers; and aspects of wound closure. This book offers solutions for those who want to begin providing implants to a wider range of patients, for GBR veterans who want to refine their skills and practice more advanced techniques, and for implant surgeons who want to keep up to date with the most current research and technology in GBR.

#### Contents

Chapter 01. The Development of Guided Bone Regeneration over the Past 30 Years  
 Chapter 02. Bone Regeneration in Membrane-Protected Defects  
 Chapter 03. The Biologic Power of Autogenous Bone Grafts  
 Chapter 04. Hard and Soft Tissue Alterations Postextraction  
 Chapter 05. Anatomical and Surgical Factors Influencing the Outcome of GBR Procedures  
 Chapter 06. Implant Placement Following Extraction in Esthetic Single-Tooth Sites: When Immediate, Early, or Late?  
 Chapter 07. Immediate Implant Placement with Internal Grafting  
 Chapter 08. Early Implant Placement with Simultaneous Contour Augmentation Using GBR in the Esthetic Zone  
 Chapter 09. GBR Procedures in the Posterior Mandible in Partially Edentulous Patients  
 Chapter 10. Horizontal Ridge Augmentation Using GBR and Autogenous Block Grafts  
 Chapter 11. Vertical and Horizontal Ridge Augmentation Using GBR: The Sausage Technique  
 Chapter 12. Hard and Soft Tissue Augmentation in Defect Sites in the Anterior Maxilla  
 Chapter 13. GBR for Regenerating Bone Defects Caused by Peri-Implantitis  
 Chapter 14. Prevention and Management of Complications in GBR

#### Contributors

Mauricio G. Araújo • Thomas von Arx • Maria B. Asparuhova • Urs C. Belser • Dieter D. Bosshardt • Vedrana Braut • Daniel Buser • Vivianne Chappuis • Stephen T. Chen • Francesco D'Aiuto • Adam Hamilton • Simone F. M. Janner • Simon S. Jensen • Sascha A. Jovanovic • Alberto Monje • Federico Moreno • Ausra Ramanauskaite • Isabella Rocchietta • Frank Schwarz • Istvan Urban

**Categories:** Implantology