20 Years Of Guided Bone Regeneration In Implant Dentistry

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Synopsis

This completely revised and updated edition of the bestselling book Guided Bone Regeneration in Implant Dentistry brings the reader up-to-date on the developments in GBR over the past 20 years. The first four chapters focus on the basic science of GBR in implant dentistry. These chapters help the reader to understand the biologic and biomaterial background of this well-documented and well-established surgical technique in implant dentistry essential knowledge for the use of barrier membranes in patients. The second half of the book focuses on the clinical applications of GBR. Each chapter presents specific indications and describes the criteria for patient selection, the step-by-step surgical procedure, and aspects of postoperative treatment. These five clinical chapters reflect the immense progress of GBR in the past 10 to 15 years and the current clinical status of GBR in implant dentistry. Like its predecessor, this book is a must-have resource for all clinicians with interest and experience in implant dentistry.

Contents
1. Development and Application of Guided Bone Regeneration
2. Biologic Basis of Bone Regeneration
3. Properties of Barrier Membranes
4. Bone Grafts and Bone Substitute Materials
5. Intraoral Bone Harvesting
6. Guided Bone Regeneration for Simultaneous Implant Placement: Selection of Biomaterials and Surgical Principles
7. Implant Placement in Postextraction Sites
8. Guided Bone Regeneration and Autogenous Block Grafts for Horizontal Ridge Augmentation: A Staged Approach

Book Information

Hardcover: 272 pages
Publisher: Quintessence Pub Co; 2 edition (September 15, 2009)
Language: English
ISBN-10: 0867154012
Product Dimensions: 8.8 x 0.9 x 11.1 inches
Shipping Weight: 2.9 pounds
Average Customer Review: 4.9 out of 5 stars See all reviews (8 customer reviews)
Best Sellers Rank: #741,664 in Books (See Top 100 in Books) #32 in Books > Textbooks > Medicine & Health Sciences > Dentistry > Oral Surgery #45 in Books > Medical Books > Dentistry > Oral Surgery #227 in Books > Textbooks > Medicine & Health Sciences > Dentistry > General

Customer Reviews
20 Years of Guided Bone Regeneration in Implant Dentistry by Daniel Buser is a great read for those interested in implant dentistry & bone grafting. With use of the evidence-based literature, the first half of the book covers the basics of bone physiology, properties of different barrier membranes / types of bones used, indication of different donor sites & possible complications. The second half of the book is clinically based, presenting different bone harvesting techniques, proper use of membranes / flap designs, surgical approaches for treating dehiscence, vertical, horizontal defects. This book is specifically intended for GBR and hence will not discuss other methods of bone grafting (i.e. ridge split, sinus lift, distraction osteogenesis, book flap, etc) or soft tissue manipulation (read Soft Tissue & Esthetic Considerations in Implant Dentistry by Anthony Sclar). Nonetheless, highly recommended.

This book will transform your hatred of dental school "perio = scaling and root planing" into a real love of the field. Buser and his colleagues have produced a very readable and informative guide of the finer points of GBR used in conjunction with implant fixture placement. The treatment philosophy and techniques discussed in this book set the standard for implant treatment planning (from a surgical perspective).

This was a very easy to read book while covering each subject in an organized and thorough manor. It covered pretty much everything you will need to know about GBR including a step wise methods and recap of each chapter. Well worth the money and a fantastic tool if you do any kind of bone grafting.
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