



Edition: 2nd Edition 2024

pages: 332

Images: 1966

Cover: Hardcover; 21.6 x 28 cm

ISBN: 978-1-64724-170-4

Stock No.: B1704

Published: November 2023

Price \$168.00

Subject to changes!

#### Quintessence Publishing Company, Inc.

 411 North Raddant Road  
Batavia  
Illinois IL 60510  
United States of America

 +1 (0)630 / 736-3600

 +1 (0)630 / 736-3633

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

 <https://www.quintessence-publishing.com/usa/en>

## Book information

**Authors:** Arun K. Garg

**Title:** Bone

**Subtitle:** Biology, Harvesting, and Grafting for Dental Implants

#### Short text:

Dental implant placement often requires bone grafting to ensure sufficient bony support for the implants being placed. Depending on the biologic conditions of the patient, including the level of bone atrophy and the status of the remaining teeth in the mouth, more adjunctive procedures like bone harvesting or sinus grafting may be required. This book covers it all, from the biology of bone and how dental implants work within that framework to the many procedures for harvesting bone and using it to augment sites for implant placement. The different types of bone grafts and membranes are discussed as well as procedures to preserve the alveolar ridge following tooth extraction. Dr Garg was a pioneer in dental bone grafting, and this new edition keeps him at the forefront of the field.

#### Contents

Chapter 01. Bone Biology and Physiology for Dental Implantology

Chapter 02. Review of Bone Grafting Materials

Chapter 03. Barrier Membranes for Bone Regeneration

Chapter 04. Harvesting Bone from the Ramus

Chapter 05. Harvesting Bone from the Mandibular Symphysis

Chapter 06. Harvesting Bone from the Tibia

Chapter 07. Bone Morphogenetic Proteins for Bone Regeneration

Chapter 08. Alveolar Ridge Preservation After Tooth Extraction

Chapter 09. Maxillary Sinus Grafting for Placement of Dental Implants

Chapter 10. Augmentation and Grafting of the Maxillary Anterior Alveolar Ridge

Chapter 11. Subnasal Elevation and Bone Augmentation

Chapter 12. Grafting of the Nasopalatine Canal

Chapter 13. Ridge-Spreading and Ridge-Splitting Techniques for Dental Implants

Chapter 14. Membrane-Guided Bone Regeneration with and without Cortical Bone Pins

Chapter 15. Alveolar Ridge Grafting with Autogenous Bone Plates

Chapter 16. Allogeneic Bone Plates for Bone Grafting

Chapter 17. Titanium Mesh for Bone Regeneration

**Categories:** Implantology