



**Edition:** 1st Edition 2024  
**pages:** 648  
**Images:** 1888  
**Cover:** Hardcover; 21 x 28 cm; incl 30 Videos  
**ISBN:** 978-1-78698-141-7  
**Published:** October 2024

#### KVM - Der Medizinverlag

📍 Ifenpfad 2-4  
12107 Berlin  
Germany

☎ +49 (0) 30 / 76180-5

📠 +49 (0) 30 / 76180-680

✉ [info@quintessenz.de](mailto:info@quintessenz.de)

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

## Book information

**Authors:** Massimo Simion

**Title:** Clinical Osseointegration and Bone Regeneration

#### Short text:

This textbook covers the author's extensive 35 years of experience in the field of osseointegrated dental implants and bone regeneration. It is a useful guide for dental students and for those approaching osseointegrated implant techniques for the first time as well as a helpful handbook for experts wishing to refine their techniques in bone regeneration, peri-implant soft tissue management, and the satisfactory resolution of esthetically complex cases. The book comprises in-depth research of historic and recent clinical cases to bring the reader a comprehensive collection of concepts that can be used to solve almost all the challenges faced in implant and regenerative clinical practice. The author dedicates the book to all those who realize that being an "expert" means learning to ask more and more questions, and that many of those questions remain unanswered.

#### Contents

Chapter 01. Histologic features of osseous tissue  
Chapter 02. Surgical anatomy of the maxilla and mandible  
Chapter 03. Biologic foundations of osseointegration  
Chapter 04. Surgical techniques for achieving osseointegration  
Chapter 05. Treatment planning and therapy for completely and partially edentulous patients  
Chapter 06. Guided implant surgery  
Chapter 07. Alveolar ridge preservation and immediate implant placement  
Chapter 08. Immediate loading  
Chapter 09. Surgical and prosthetic complications: prevention, diagnosis, and treatment  
Chapter 10. Management of inferior alveolar nerve injuries  
Chapter 11. Patients undergoing antiplatelet and anticoagulant therapy  
Chapter 12. Bisphosphonates and implantology  
Chapter 13. Diagnosis and treatment of peri-implantitis  
Chapter 14. Biologic principles of the guided bone regeneration  
Chapter 15. Surgical techniques for guided bone regeneration  
Chapter 16. Horizontal alveolar ridge augmentation  
Chapter 17. Vertical alveolar ridge augmentation  
Chapter 18. Implant treatment in esthetic areas  
Chapter 19. Peri-implant soft tissue management  
Chapter 20. Bone regeneration with growth factors  
Chapter 21. Sinus floor elevation  
Chapter 22. Complications of GBR: prevention, diagnosis, and management

#### Coauthors:

Fabiana Allevi • Mario Beretta • Fabio Bernardello • Federico Biglioli • Paolo Bozzoli • Elena Canciani • Christer Dahlin • Daniele De Santis • Claudia Dellavia • Luca Ferrantino • Filippo Fontana • Eleonora Idotta • Michele Maglione • Carlo Maiorana • Marco Morra • Myron Nevins • Pier Francesco Nocini • Riccardo Nocini • Stefano Pieroni • Alberto Pispero • Roberto Pistilli • Alessandra Sironi • Giovanni Zucchelli

**Categories:** Implantology