



**Auflage:** 1st Edition 2004  
**Seiten:** 188  
**Abbildungen:** 143  
**Einband:** Hardcover  
**ISBN:** 978-1-85097-050-7  
**Artikelnr.:** 26531  
**Erschienen:** Februar 2004

#### Quintessenz Verlags-GmbH

 Ifenpfad 2-4  
12107 Berlin  
Deutschland

 +49 (0) 30 / 76180-5

 +49 (0) 30 / 76180-680

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

 <http://nginx/deu/de>

## Buch-Information

**Autoren:** Georg Watzek

**Titel:** Implants in Qualitatively Compromised Bone

**Kurztext:**

Bone quality is one of the most important factors in the successful osseointegration of dental implants. However, the concepts of bone quality and compromised bone have never been well defined in the field of implant dentistry. To provide a clear definition of these terms, the contributors to this volume have compiled data from almost two decades of experimental and case studies, resulting in a comprehensive review of the current knowledge regarding the placement of implants in compromised bone. Topics covered include factors influencing bone quality; characteristics of compromised alveolar bone; and techniques for bone assessment, bone regeneration, and implant placement in compromised bone. The book also presents specific considerations for placing implants in different types of compromised bone, such as aged, underdeveloped, and irradiated bone. A useful work of reference for implant students, practicing implant clinicians, and implant-oriented researchers.

**Contents:**

Chapter 01: Overview of Factors Affecting Bone Quality

Chapter 02: Mechanisms of Bone Development, Remodeling, and Loss

Chapter 03: Structure of Atrophic Alveolar Bone

Chapter 04: Perfusion of Compromised Bone and Implications for Implant Therapy

Chapter 05: Assessment of Bone Quality: Techniques, Procedures, and Limitations

Chapter 06: Surgical Perspectives for Compromised Bone

Chapter 07: Experimental Approaches in Bone Regeneration

Chapter 08: Implants in the Elderly

Chapter 09: Implants in Children and Adolescents

Chapter 10: Implants in Irradiated Bone

Chapter 11: Lasers in Implant Dentistry

**Fachgebiet(e):** [Implantologie](#)