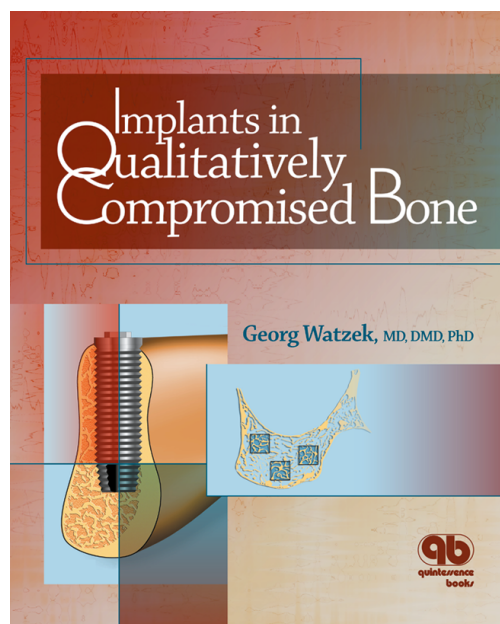




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Book information

Authors: Georg Watzek

Title: Implants in Qualitatively Compromised Bone

Short text:

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

Categories: Implantology