



**Edition:** 1st Edition 2015  
**pages:** 456  
**Images:** 1105  
**Cover:** Hardcover, 22 x 28,5 cm  
**ISBN:** 978-0-86715-585-3  
**Stock No.:** 7418  
**Published:** June 2015

#### Quintessence Publishing Company, Ltd.

📍 Grafton Road  
 KT3 3AB New Malden, Surrey  
 United Kingdom  
 ☎ +44 (0)20 8949 6087  
 📠 +44 (0)20 8336 1484  
 ✉ info@quintpub.co.uk  
 🌐 <https://www.quintessence-publishing.com/gbr/en>

## Book information

**Authors:** John Beumer III / Robert F. Faulkner / Kumar C. Shah / Peter K. Moy  
**Title:** Fundamentals of Implant Dentistry  
**Subtitle:** Volume 1: Prosthodontic Principles

#### Short text:

It is now generally recognized that implant dentistry is driven by the prosthodontic needs of the patient, and so it is fitting that the first book of the two-volume *Fundamentals of Implant Dentistry* series focuses on the design and fabrication of implant-retained prostheses. The authors of this definitive textbook cover the full range of restorative treatment options for edentulous and partially edentulous situations, from relatively simple problems that can be handled by a solo practitioner to those with substantial prosthodontic complexities, periodontal compromise of existing dentition, and significant bone and soft tissue defects. Throughout, the authors emphasize the importance of an interdisciplinary approach and demonstrate how it encourages the best results, particularly when restoring partially edentulous patients. The text covers the latest innovations in diagnostic evaluation, surgical procedures, and the methods and materials used to fabricate prostheses, including the use of CAD/CAM technologies. The authors also address special and sometimes controversial topics in implant dentistry, including the use of implants in irradiated patients and in growing children as well as the symbiotic relationship between orthodontics and osseointegration. Lastly, readers will appreciate the illustrated glossary of terms. This groundbreaking work provides the kind of unrivaled insight that can ensure the highest degree of clinical success in prosthetic restoration, and it is destined to become the definitive textbook and desk reference for dental students and practitioners alike.

#### Contents

Section I. Introduction and Biologic Basis  
 Chapter 01. History and Biologic Foundations  
 Chapter 02. Osseointegration and Its Maintenance

Section II. Restoration of Edentulous Patients  
 Chapter 03. Edentulous Patients: Patterns of Bone Resorption and Clinical Outcomes with Implants  
 Chapter 04. Restoration of Edentulous Mandibles with Overdentures  
 Chapter 05. Restoration of Edentulous Mandibles with Fixed Prostheses  
 Chapter 06. Restoration of Edentulous Maxillae with Overdentures  
 Chapter 07. Restoration of Edentulous Maxillae with Fixed Prostheses

Section III. Restoration of Partially Edentulous Patients  
 Chapter 08. Restoration of the Posterior Quadrants of Partially Edentulous Patients: Patient Selection and Treatment Planning  
 Chapter 09. Restoration of the Posterior Quadrants of Partially Edentulous Patients: Examination and Prosthodontic Procedures  
 Chapter 10. Restoration of Multiple-Tooth Defects in the Esthetic Zone  
 Chapter 11. Restoration of Single-Tooth Defects in the Esthetic Zone

Section IV. Special Topics  
 Chapter 12. Implants and Removable Partial Dentures  
 Chapter 13. Implants for the Growing Child  
 Chapter 14. Implants in Irradiated Tissues  
 Chapter 15. Implants and Orthodontics: A Symbiotic Partnership

**Categories:** Implantology, Prosthodontics