



**Edition:** 1st Edition 2012  
**pages:** 192  
**Images:** 617  
**Cover:** Hardcover  
**ISBN:** 978-0-86715-491-7  
**Stock No.:** 19521  
**Published:** May 2012

**Quintessenz Verlags-GmbH**

📍 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/deu/de>

## Book information

**Authors:** Georgios E. Romanos

**Title:** Advanced Immediate Loading

**Short text:**

This expert guide presents the research and state-of-the-art protocols for advanced immediate loading of dental implants. Based on more than 15 years of clinical experience, the author demonstrates the skills and expert techniques necessary to achieve long-term success with immediate loading protocols, even when used with challenging clinical situations. The first several chapters review the scientific and biologic basis of immediate loading, including requirements for successful clinical application, the importance of implant surface and design characteristics, and the results of significant histologic studies. The later chapters build on this knowledge, presenting research results and clinical case examples relevant to specific applications of immediate loading, including its use in the anterior mandible, edentulous arches, posterior regions, single-tooth gaps, and fresh extraction sockets. The most advanced immediate loading procedures, including immediate implant placement in grafted bone, management of immunocompromised patients, and simultaneous sinus elevation and implant placement with immediate functional loading, are similarly explained and demonstrated through compelling case examples. Finally, the book provides valuable clinical hints to help the practitioner avoid and manage complications associated with immediate loading. A comprehensive resource for implant surgeons interested in cutting-edge protocols with proven results.

**Contents**

- Chapter 01. Bone Biology and Osseointegration of Dental Implants
- Chapter 02. Basic Principles and Clinical Applications of Immediate Loading
- Chapter 03. Role of the Implant Surface in Immediate Loading
- Chapter 04. Role of Implant Design in Immediate Loading
- Chapter 05. Histologic Evaluation of Immediately Loaded Implants
- Chapter 06. Immediate Loading in the Anterior Mandible Using Overdentures
- Chapter 07. Immediate Loading in Edentulous Jaws
- Chapter 08. Immediate Loading in Posterior Regions
- Chapter 09. Immediate Loading in Grafted Bone
- Chapter 10. Immediate Loading in Immunocompromised Patients
- Chapter 11. Immediate Loading with Simultaneous Sinus Elevation
- Chapter 12. Immediate Loading of Single-Tooth Implants
- Chapter 13. Immediate Loading of Implants Placed in Fresh Extraction Sockets
- Chapter 14. Management of Immediate Loading Complications

**Categories:** Implantology, Periodontics, Prosthodontics