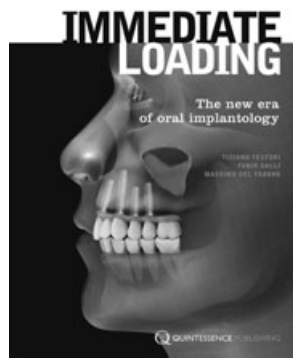


Book Review

Immediate Loading of Dental Implants: Theory and Clinical Practice



By Mithridate Davarpanah and Serge Szumkler-Moncler.
Quintessence International, Paris, 2008;
ISBN 978-2-912550-50-7,
368 pages; 750 mostly
color illustrations; price
\$275.00.

The authors of this well-written text are successful in compiling large amounts of information regarding immediate loading in implant dentistry. This 15-chapter book covers topics such as concepts and benefits of immediate loading, strategies for optimizing osseointegration, management of esthetics, and key concepts of treatment planning. It details clinical scenarios and treatment choices. The broad approach used in the book targets prosthodontists, surgeons, and restorative dentists involved in implant dentistry.

The text is written in an easy-to-read language and provides evidence-based information to both the new and experienced clinician. The authors, Drs. Davarpanah and Moncler, organize the book in a logical sequence where the first four chapters give detailed information about the theoretical aspect of immediate loading and cover important topics such as advantages of immediate loading for both the patient and the clinician, the evolution and concepts of immediate loading, a detailed comparison between treatment protocols and when to choose either protocol, and strategies for optimizing osseointegration and increasing success rates.

In Chapter 5, the authors cover the important subject of ideal 3D implant placement. Topics discussed in this chapter include ideal distance between implant and adjacent structures, 3D implant placement principles in healed sites in both the esthetic zone and outside the esthetic zone, and implant placement in extraction sites. This information is organized in a logical sequence and supported with photographs and illustrations. In Chapter 6, the authors discuss management of esthetics and cover a wide spectrum of topics like the effect of platform switching, abutment materials and shape, and interim prostheses on the final esthetics of permanent implant-supported restorations. Chapter 7 describes the difference between cement-retained and screw-retained prostheses,

and Chapter 8 discusses the causes and management of failed immediately loaded implants.

Chapter Nine, "Key Concepts of Treatment Planning," provides an introduction to the text's clinical section, which includes Chapters Ten through Fourteen and in which the authors cover treatment modalities for the edentulous mandible, the edentulous anterior maxilla, the edentulous maxilla, the edentulous anterior mandible, and the edentulous posterior mandible and maxilla. The ninth chapter covers important treatment planning concepts like coordinating between implant treatment team members, the amount of time required for treatment, the number of implants needed, esthetic consideration, degree of risk involved in the immediate loading treatment, amount of documentation in the literature, and other important concepts. The remaining clinical chapters discuss each treatment situation (i.e., edentulous mandible, edentulous maxilla, etc.) and multiple treatment options for each given situation, giving advantages and disadvantages for each treatment choice and clinically relevant tips for each option. The information in these clinical chapters is detailed and comprehensive, covering indications and contraindications for each option, and covering both surgical and prosthetic considerations. The clinical chapters detail each step for the presurgical planning, surgical, and restorative phases. All this information is supported by color photographs, radiographs, and easy-to-understand illustrations. At the end of each treatment option, the authors discuss in detail the key aspects of prosthetic treatment for that option, including number of implants needed, treatment time, and esthetic requirement. They also lay out the timing and sequence of each step for that particular treatment option and provide a checklist of materials required. Finally, the authors discuss possible complications and how the implant team can manage them.

The way in which these clinical chapters are organized is to be especially commended. The organization makes this a very helpful guide for surgeons, prosthodontists, and restorative dentists attempting to do similar treatments. The final chapter is dedicated to implant surface and nanotechnology-based coatings of implants and the effect this has on osseointegration and its clinical implications in relation to immediate loading.

The book is very well organized and easy to read. The photographs, radiographs, charts, and illustrations are of excellent quality and help support and explain the detailed sound principles and clinical techniques detailed in the text. I believe this book should be a must read for any clinician interested in providing immediately loaded implant restorations and a valuable reference for the more veteran clinicians experienced in immediately loaded implant restorations.

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