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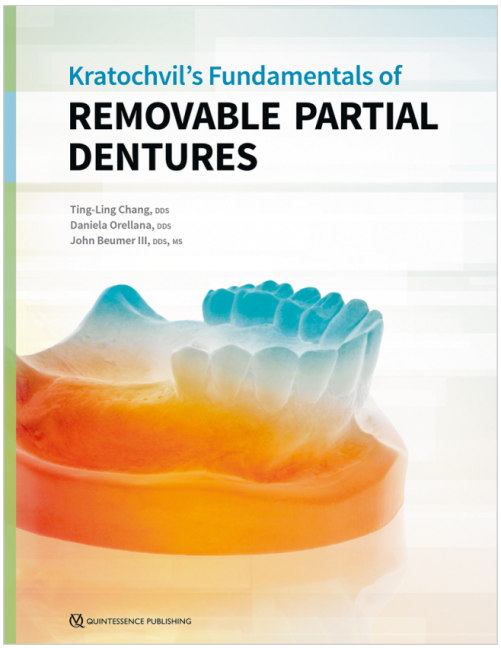

Edition:	1st Edition 2019
pages:	240
Images:	748
Cover:	Hardcover, 21,6 x 27,9 cm
ISBN:	978-0-86715-790-1
Stock No.:	21871
Published:	February 2019

Price 18,00 €

Subject to changes!

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Book information

Authors: Ting-Ling Chang / Daniela Orellana / John Beumer III

Title: Kratochvil's Fundamentals of Removable Partial Dentures

Short text:

In the 1960s, Professor F. J. Kratochvil recognized the importance of biomechanics in removable partial denture (RPD) design and used these principles to develop a new design philosophy. This "RPI system"—a clasp assembly consisting of a rest, a proximal plate, and an I-bar retainer—changed how clinicians approach partial denture design and is now used throughout the world. This textbook provides an overview of Kratochvil's design philosophy and the basic principles of biomechanics it is based upon. Topics include components of RPDs and their functions, design sequences for maxillary and mandibular RPDs, and techniques for surveying and determining the most advantageous treatment position. A chapter dedicated to digital design and manufacturing of RPD frameworks highlights new technology in this emerging field. Additional topics include optimizing esthetic outcomes through attachments and rotational path RPDs as well as applying the RPI system to patients with maxillofacial defects. The authors provide illustrations of clinical cases throughout the book as well as an illustrated glossary of prosthodontic terminology. This textbook will prepare students and general practitioners to design and fabricate a biomechanically sound RPD framework for just about any dental configuration they encounter.

Contents

Categories: Prosthodontics, Dental Technology, Student literature