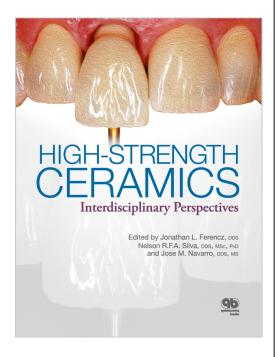
# QUINTESSENCE PUBLISHING USA



Edition: 1st Edition 2014

pages: 296 Images: 734

Cover: Hardcover

ISBN: 978-0-86715-639-3

Stock No.: B6393 Published: June 2014

### **Quintessence Publishing Company, Inc.**

 411 North Raddant Road Batavia
Illinois IL 60510

United States of America

**1** +1 (0)630 / 736-3600

**H** +1 (0)630 / 736-3633

contact@quintbook.com

ttp://nginx/usa/en

## **Book information**

Editor: Ferencz, Jonathan L. / Silva, Nelson R. F. A. / Navarro, José M.

Title: High-Strength Ceramics

**Subtitle:** Interdisciplinary Perspectives

**Short text:** 

Advances in materials science and digital technologies have revolutionized the field of ceramic-based restorative and implant dentistry. Forward-thinking clinicians and dental technicians must negotiate this rapidly changing landscape to determine which materials and technologies are validated by laboratory and clinical evidence, have the potential to improve patient outcomes, and are practical for clinical application. To provide insight into these issues, the editors of this book have assembled the talents of the various stakeholders in this field. International authorities from a variety of disciplines have come together to share expertise from the biomaterials, industry, clinical, and laboratory perspectives. The result is a comprehensive reference on all-ceramic technology that combines thoughtful analysis of the state of the science with practical clinical advice for dentists and laboratory technicians alike. This book will provide readers with the tools to judge the research presented in the literature and incorporate best practices and advances in materials and technology into their armamentarium in a way that will benefit their patients.

#### Contents

Chapter 01. Challenges in Engineering and Testing of Bioceramics

Chapter 02. The Role of Industry in Developing New Ceramics

Chapter 03. Practice-Based Research on the Effectiveness of Ceramics

Chapter 04. Posterior Partial-Coverage Restorations: Inlays and Onlays

Chapter 05. Individual Ceramic Crowns for Teeth

Chapter 06. Ceramic Veneers

Chapter 07. Fixed Dental Prostheses for Anterior and Posterior Teeth

Chapter 08. Ceramic Applications to Restore Implants

Chapter 09. Cementation Procedures for Ceramics

Chapter 10. Monolithic Zirconia Complete-Arch Reconstructions

Chapter 11. Successful Ceramic Application on Various Substructures

Chapter 12. Ceramic Dental Implants

Chapter 13. Digital Workflow in Reconstructive Dentistry

### **Contributors**

W. Att • E. A. Bonfante • T. G. Bromage • M. A. Calamita • M. Calgaro • V. Clavijo • W. Clavijo • C. Coachman • P. G. Coelho • R. G. da Costa • E. Van Dooren • M. Girard • G. Gürel • P. C. Guess • R. Gottlander • S. Gracis • E. Grob • M. Kern • R. Kohal • K. A. Malament • S. Morimoto • I. Sailer • M. Sisera • J. R. Strub • M. V. Swain • V. P.

Thompson • G. W. Tysowsky

Categories: Esthetic Dentistry, Prosthodontics, Dental Technology