

John W. McLean

## The Science and Art of Dental Ceramics


Volume II:  
Bridge Design and Laboratory Procedures in Dental Ceramics



Edition: 1st Edition 1980  
pages: 512  
Images: 820  
Cover: Hardcover  
ISBN: 978-0-93138-611-4  
Published: January 1980

### 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](mailto:info@quintpub.co.uk)

 <http://nginx/gbr/en>

## Book information

**Authors:** John W. McLean  
**Title:** The Science and Art of Dental Ceramics  
**Subtitle:** Bridge Design and Laboratory Procedures in Dental Ceramics:  
Volume 2

### Short text:

In this second volume, with numerous color photographs and diagrams, detailed techniques for making metaloceramic and alumina-reinforced crowns and bridges are presented. Special effects in dental porcelain, the Wedge Technique, development of correct anatomy, methods for avoiding loss of detail during glazing, casing technique, surface finishing of metal - these topics and more are critically examined in light of current research.

### Contents

Reproducing Natural Teeth in Dental Porcelain  
Construction of Porcelain Veneer Crowns  
The Complete Porcelain Veneer Crown  
The Cast Metal-Ceramic Crown (Design)  
Cast Metal-Ceramic Crown(Constructrion)  
Special Effects in Dental Porcelain  
Construction of Metal-Ceramic Bridgework  
Precision Attachments for Metal-Ceramics  
Building Occlusion in Dental Porcelain  
Alumina Reinforced Ceramics Special Applications

**Categories:** Prosthodontics