



Edition: 3rd Edition 2018

pages: 240 Images: 617

Cover: Hardcover, 20,6 x 27,6 cm ISBN: 978-0-86715-752-9

Stock No.: B7529 Published: March 2018

\$5.00

Price

Subject to changes!

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

• http://nginx/usa/en

Book information

Authors: W. Patrick Naylor

Title: Introduction to Metal-Ceramic Technology

Short text:

For 25 years, the *Introduction to Metal-Ceramic Technology* has been an essential textbook, and this revised edition underscores its import to the discipline. The author expertly outlines the history and theory behind metal-ceramic restorations and then guides readers through each step of the fabrication process. Although many students do not realize the esthetic possibilities of metal-ceramic technology, this book illustrates how to achieve esthetic results to rival those of all-ceramic materials through treatment planning, clinical procedures, and dental laboratory steps executed at their highest levels. New to this edition are an expanded illustrated glossary, a simplified four-step buttonless technique, fresh analysis of bonding mechanisms, and a full chapter on the esthetic porcelain-margin restoration. Whether you are providing patients with esthetic fixed prosthodontics or are responsible for fabricating lifelike restorations in the dental laboratory, this book can serve as a valuable resource.

Also, for those who wish to use the buttonless casting technique as described in the textbook, check out the Wax Pattern Alloy Converter App.

https://itunes.apple.com/us/app/id1187094093 This easy to use, well-designed app is available through Apple.

Contents

Chapter 01. History and Overview

Chapter 02. The Chemistry of Dental Porcelain

Chapter 03. Casting Alloys for Bonding to Dental Porcelain

Chapter 04. The Essentials of Metal-Ceramic Substructure Design

Chapter 05. The Fundamentals of Spruing, Investing, and Casting

Chapter 06. How Does Dental Porcelain Bond to Metal?

Chapter 07. Preparation of the Metal Substructures for Porcelain

Chapter 08. Applying Porcelain to the Metal Substructure

Chapter 09. Adjusting and Finishing the Metal-Ceramic Restoration

Chapter 10. The Porcelain-Margin Restoration

Categories: Prosthodontics, Dental Technology, Student literature