



Edition: 1st Edition 2022  
 pages: 256  
 Images: 1080  
 Cover: Hardcover, 21 x 28 cm  
 ISBN: 978-1-64724-069-1  
 Stock No.: JQ632  
 Published: November 2021

Price **\$165.00**  
 Subject to changes!

**Quintessence Publishing Company, Inc.**

411 North Raddant Road  
 Batavia  
 Illinois IL 60510  
 United States of America

+1 (0)630 / 736-3600

+1 (0)630 / 736-3633

contact@quintbook.com

<https://www.quintessence-publishing.com/usa/en>

## Book information

**Editor:** Duarte jr., Sillas  
**Title:** Quintessence of Dental Technology 2021/2022  
**Series:** QDT Yearbook

**Short text:**

QDT 2021/2022 introduces new digital concepts and novel treatment strategies that are sure to inspire the dental technician and restorative clinician. New this year are links to informative videos to give readers a dynamic representation of the new techniques presented. Original articles in this year's volume describe the digital alveolar support technique, digital impression strategies for more predictable final restorations, a modified All-on-4 concept that retains teeth for natural dentofacial esthetics, and a new crown-lengthening approach for optimal soft tissue healing. "Biomaterials Update" explores gradient multilayered zirconia for expanding the indication of monolithic zirconia to the esthetic zone. These are but a sampling of the articles in this beautifully produced annual publication.

**Contents**

**EDITORIAL**

Looking Ahead and Moving Forward

*Sillas Duarte, Jr*

**MASTERPIECE**

Healing Guided by Design: The Crown-Lengthening Procedure Revisited

*Eric Van Dooren | Florin Cofar | Ioana Popp | Ioan Cofar | Marcelo Giordani | Gustavo Giordani | Victor Clavijo*

**MASTERCLASS**

RepliCAD—Digital Impression Strategies to Replicate the Soft Tissue Architecture and Teeth Position for Predictability in Final Restorations

*Victor Clavijo | Ricardo Recena | Paulo Fernando Mesquita de Carvalho | Willy Clavijo | Leonardo Bocabella*

**BIOMATERIALS UPDATE**

Gradient Multilayered Zirconia

*Sillas Duarte, Jr | Victor Clavijo | Willy Clavijo/Jin-Ho Phark*

**MASTERPIECE**

The Modified All-On-4 Concept: Keeping Teeth for Lip Support and to Maintain Patients' Identity

*Iñaki Gamborena | Yoshihiro Sasaki | Markus B. Blatz*

**Library-Based Design:**

Workflow and Bottlenecks

*Florin Cofar | Ioan Barbur | Gustavo Giordani | Marcelo Giordani | Ioan Cofar | Eric Van Dooren | Ioana Popp | Paul Ficut*

**Minimally Invasive Esthetic Approach in Full-Mouth Rehabilitation:**

Combining a Digital Workflow Using Intraoral and Facial Scanners

*Anabell Bologna | Rafael Laplana*

**MASTERCLASS**

Push the Limits: Porcelain Laminate Veneer Preparation for Intraoral Scanning

*Masayuki Okawa | Akikazu Shinya | Shogo Yamamoto*

**The Digital Alveolar Support Technique:**

Use of Natural Shape to Design the Soft Tissue

*Florin Cofar | Ioan Barbur | Gustavo Giordani | Marcelo Giordani | Ioan Cofar | Eric Van Dooren | Ioana Popp | Paul Ficut*

**Virtual Dentoalveolar Clone Concept in the Esthetic Zone:**

Volumetric Assessment of Tissue Changes

*Ivan Contreras Molina | Diego Michel A. Castillo Saucedo | Kyle Stanley | Gil Contreras Molina*

**The 4\_Spheres Technique**

*Mariano Maurizi*

**Restoration of Endodontically Treated Teeth:**

Classification of Remaining Dental Structure for Adhesive Restorative Procedures

*Erika Clavijo | Victor Clavijo*

**The Double-Crown Technique for Masking Discoloration:**

Separating the Masking and Esthetic Parts of the Restoration

*Aiham Farah | Anas Aloum*

**Digital Workflows to Optimize Peri-implant Soft Tissue Management:**

The Inverse Scan Body Concept

*Oscar Gonzalez-Martín | Manuel Martín-Luque | Andrés Acevedo | Gustavo Ávila-Ortiz*

**Categories:**

Dental Technology, Prosthodontics