


Edition: 1st Edition 2019  
pages: 344  
Images: 812  
Cover: Hardcover, 21 x 28 cm  
ISBN: 978-1-78698-025-0  
Published: September 2019

#### Quintessenza Edizioni S.r.l.

 Via C. Menotti 65  
20017 Passirana di Rho (Milano)  
Italy

 +39 (0)2 / 931 82 264

 +39 (0)2 / 931 86 159

 [info@quintessenzaedizioni.it](mailto:info@quintessenzaedizioni.it)

 <http://www.quintessenzaedizioni.it>

## Book information

**Editor:** Att, Wael / Witkowski, Siegbert / Strub, Jörg R.

**Title:** Digital Workflow in Reconstructive Dentistry

#### Short text:

**Digital Workflow in Reconstructive Dentistry** is the result of efforts made by the academic team at the Department of Prosthodontics, University Hospital of Freiburg. It aims to build a fundamental understanding of the general principles, science, and clinics of digital dental medicine. The information provided within these pages summarizes the various components of the digital workflow in reconstructive dentistry and discusses their advantages and disadvantages. Moreover, insights are provided about upcoming, game-changing technologies. By reading this book, students, clinicians, and researchers will gain and enhance their knowledge about digital dental medicine and identify the areas they need to focus on next in order to integrate the available technologies in their daily work. Clearly, the path of digital dental medicine will not stop here.

#### Contents

Chapter 01. Digital Workflow in Reconstructive Dentistry: An Introduction  
Chapter 02. Intraoral Scanners: Current Status and Future Applications  
Chapter 03. Laboratory Desktop Scanners  
Chapter 04. Optical Face Scanners  
Chapter 05. Digital Radiographic Imaging  
Chapter 06. Virtual Registration, Mounting, and Articulation  
Chapter 07. Digital Assessment Tools and Data Manipulation  
Chapter 08. Computer-guided Implant Planning and Surgery  
Chapter 09. CAD/CAM Materials  
Chapter 10. Digital-assisted Fabrication Using CAM Technologies  
Chapter 11. Cases  
Chapter 12. Future Perspectives of Digital Technologies in Dentistry

#### Contributors

Amirah M. R. Alammari • Abdulaziz Alsahaf • Wael Att • Maria Bateli • Jasmin Bernhart • Shaza Bishti • Sarah Blattner • Miha Brezavšček • Sandy Cepa • Nadine Emmanoulidi • Ahmed Fawzy • Manrique Fonseca • Michele Frappanti • Rumpa Ganguly • Yousef Al-Ghamdi • Petra Ch. Gierthmuehlen • Aiste Gintaute • Ulrich Lamott • Christos Lamprinos • Matthias Petsch • Udo Plaster • Aikaterini Ploumaki • Hanna Rauberger • Elisabeth Schwartzkopff • Christian F. Selz • Thamer Al-Sharif • Benedikt Spies • Frank A. Spitznagel • Jörg R. Strub • Michael Swain • Taskin Tuna • Alexander Vuck • Siegbert Witkowski

**Categories:** Digital dentistry, General Dentistry, Student literature