



Auflage: 1st Edition 2019
Seiten: 344
Abbildungen: 812
Einband: Hardcover, 21 x 28 cm
ISBN: 978-1-78698-025-0
Erschienen: September 2019

KVM - Der Medizinverlag

📍 Ifenpfad 2-4
12107 Berlin
Deutschland

☎ +49 (0) 30 / 76180-5

📠 +49 (0) 30 / 76180-680

✉ info@quintessenz.de

🌐 <https://www.quintessence-publishing.com/kvm/de>

Buch-Information

Hrsg.: Att, Wael / Witkowski, Siegbert / Strub, Jörg R.

Titel: Digital Workflow in Reconstructive Dentistry

Kurztext:

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. Alammam • Abdulaziz Alsahaf • Wael Att • Maria Bateli • Jasmin Bernhart • Shaza Bishti • Sarah Blattner • Miha Brezavšček • Sandy Cepa • Nadine Emmanoulidi • Ahmed Fawzy • Manrique Fonseca • Michele Frapporti • 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

Fachgebiet(e): Digitale Zahnmedizin, Zahnheilkunde allgemein, Literatur fürs Studium