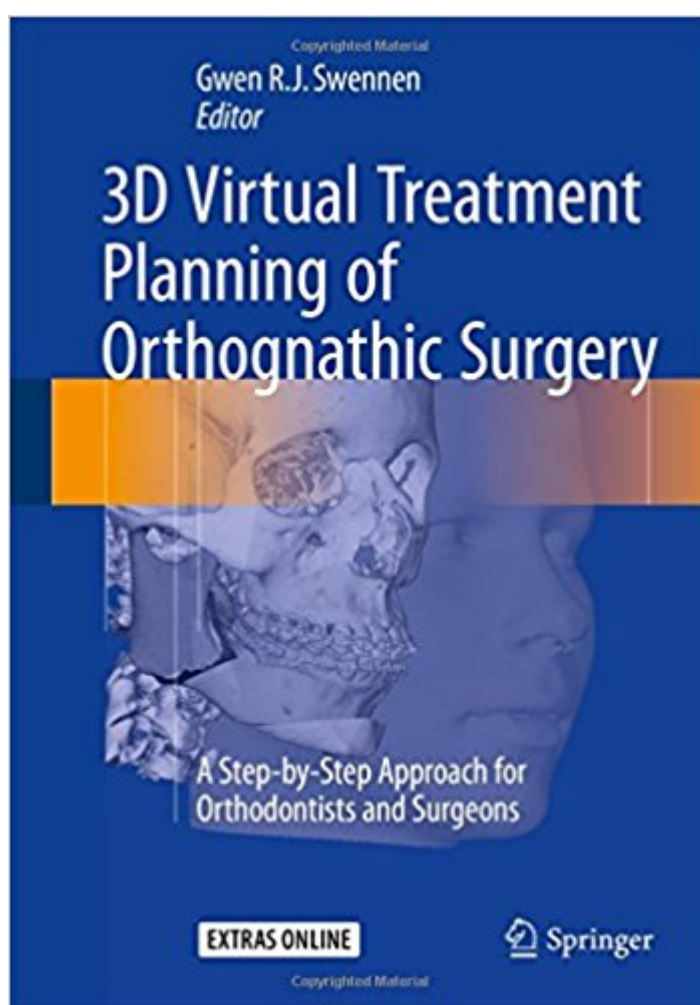


The book was found

# 3D Virtual Treatment Planning Of Orthognathic Surgery: A Step-by-Step Approach For Orthodontists And Surgeons



## Synopsis

This color atlas and manual provides clinicians with systematic, standardized, but also individualized step-by-step guidance on 3D virtual diagnosis, treatment planning, and outcome assessment in patients undergoing orthognathic surgery for maxillofacial deformities. Drawing on 20 years of experience, the authors elucidate the clinical potential of the approach while also highlighting current pitfalls and limitations. The opening two chapters discuss the 3D imaging workflow and its integration into daily clinical routine and comprehensively describe cone-beam CT virtual diagnosis. The stepwise 3D virtual planning of orthognathic surgery and transfer of the 3D virtual treatment plan to the patient in the operating room are then thoroughly explained, and the unprecedented potential of 3D virtual evaluation of treatment outcome, documented. Finally, after provision of all this essential background information, the closing chapter illustrates the application of the 3D virtual approach in different types of maxillofacial deformity. Orthodontists and orthognathic and orthofacial surgeons will find 3D Virtual Treatment Planning of Orthognathic Surgery to be a superb guide and resource.

## Book Information

Hardcover: 568 pages

Publisher: Springer; 1st ed. 2017 edition (November 3, 2016)

Language: English

ISBN-10: 3662473887

ISBN-13: 978-3662473887

Product Dimensions: 1.5 x 7 x 10 inches

Shipping Weight: 3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,564,398 in Books (See Top 100 in Books) #58 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > Oral & Maxillofacial #77 in Books > Medical Books > Medicine > Surgery > Oral & Maxillofacial #169 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > Plastic & Cosmetic

## Customer Reviews

This color atlas and manual provides clinicians with systematic, standardized, but also individualized step-by-step guidance on 3D virtual diagnosis, treatment planning, and outcome assessment in patients undergoing orthognathic surgery for maxillofacial deformities. Drawing on 20 years of experience, the authors elucidate the clinical potential of the approach while also highlighting

current pitfalls and limitations. The opening two chapters discuss the 3D imaging workflow and its integration into daily clinical routine and comprehensively describe cone-beam CT virtual diagnosis. The stepwise 3D virtual planning of orthognathic surgery and transfer of the 3D virtual treatment plan to the patient in the operating room are then thoroughly explained, and the unprecedented potential of 3D virtual evaluation of treatment outcome, documented. Finally, after provision of all this essential background information, the closing chapter illustrates the application of the 3D virtual approach in different types of maxillofacial deformity. Orthodontists and orthognathic and orthofacial surgeons will find 3D Virtual Treatment Planning of Orthognathic Surgery to be a superb guide and resource.

Professor Gwen R.J. Swennen is a consultant maxillofacial and facial plastic surgeon at the Division of Maxillofacial Surgery, General Hospital St John, Bruges and at the Cleft and Craniofacial Centre, Bruges, Belgium. He also works in private practice in cosmetic facial surgery at Clinic Tillegem, Bruges. He obtained his medical degree at the University of Antwerp in 1995 and his dental degree at the University of Brussels in 1998. He trained in craniomaxillofacial surgery in Hannover and in plastic reconstructive and aesthetic surgery in Hannover and Brussels. He obtained his PhD degree in 2004 at the Hannover Medical School and subsequently became an associate professor before receiving the academic title of APL Professor in 2009. Professor Swennen's principal interests are orthognathic surgery, cosmetic and reconstructive facial plastic surgery, and congenital malformations. He has a special interest in three-dimensional virtual imaging. He serves as a member of the editorial board of the International Journal of Oral and Maxillofacial Surgery and is a member of the Education Committee of the International Association of Oral and Maxillofacial Surgery. He has published 47 peer-reviewed scientific articles and given 145 scientific presentations at national and international congresses. He is editor of the book Three-Dimensional Cephalometry. A Color Atlas and Manual, co-authored with Filip Schutyser and Jarg-Erich Hausamen. He is co-founder of the Three-Dimensional Facial Imaging Research Group Bruges (3-D FIRG) and section editor of the Imaging Section of the International Journal of Oral and Maxillofacial Surgery.

[Download to continue reading...](#)

3D Virtual Treatment Planning of Orthognathic Surgery: A Step-by-Step Approach for Orthodontists and Surgeons Facial and Dental Planning for Orthodontists and Oral Surgeons Orthognathic Surgery: Principles, Planning and Practice Techniques in Orthognathic Surgery, An Issue of Atlas of the Oral and Maxillofacial Surgery Clinics of North America, E-Book (The Clinics: Dentistry) Facial

Harmony: Standards of Orthognathic Surgery and Orthodontics Modern Practice in Orthognathic and Reconstructive Surgery Orthognathic Surgery - 2 Volume Set: Principles and Practice, 1e Essentials of Orthognathic Surgery Virtual Assistant Assistant: The Ultimate Guide to Finding, Hiring, and Working with Virtual Assistants: Expanded and Updated for 2016 Virtual Freedom: How to Work with Virtual Staff to Buy More Time, Become More Productive, and Build Your Dream Business Virtual Assistant Assistant: The Ultimate Guide to Finding, Hiring, and Working with Virtual Assistants Take a Leap of Faith And Start a Virtual Assistant Business: Your Guide to Establishing a Successful Business As a Virtual Assistant The 7 Habits of Highly Effective Virtual Teams: Make a success of your virtual global workforce. 50 Things to Know About Becoming a Virtual Assistant: The Secrets to becoming a Great Virtual Assistant Starting a Virtual Assistant Business: A Guide on How to Establish a Successful Virtual Assistant Career for Yourself (Work from Home) (Online Business Collection Book 3) Outsourcing: Entrepreneurs: The #1 Guide to Outsourcing! Technological Mercenaries - Build your Business with an Army of Virtual Assitances,Outsourcers ... Virtual Assistant a Gastric Sleeve Diet: A Comprehensive Gastric Sleeve Weight Loss Surgery Diet Guide (Gastric Sleeve Surgery, Gastric Sleeve Diet, Bariatric Surgery, Weight Loss Surgery, Maximizing Success Rate) Emerging Updates of Radiation Oncology for Surgeons, An Issue of Surgical Oncology Clinics of North America, 1e (The Clinics: Surgery) Difficult Decisions in Vascular Surgery: An Evidence-Based Approach (Difficult Decisions in Surgery: An Evidence-Based Approach) Gastric Sleeve Diet: Step By Step Guide For Planning What to Do and Eat Before and After Your Surgery (Gastric Sleeve Cookbook, Gastric Sleeve Recipes Book 2)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)