



Edition: 1st Edition 2022  
pages: 560  
Images: 2050  
Cover: Hardcover, 21 x 28 cm  
ISBN: 978-1-78698-108-0  
Stock No.: 7701  
Published: November 2021

Price **£218.00**  
Subject to changes!

#### Quintessence Publishing Company, Ltd.

 Grafton Road  
KT3 3AB New Malden, Surrey  
United Kingdom

 +44 (0)20 8949 6087

 +44 (0)20 8336 1484

 [info@quintpub.co.uk](mailto:info@quintpub.co.uk)

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

## Book information

**Authors:** Istvan Urban

**Title:** Vertical 2: The Next Level of Hard and Soft Tissue Augmentation

#### Short text:

In the author's bestselling first book, *Vertical and Horizontal Ridge Augmentation: New Perspectives*, published by Quintessence in 2017 and translated into 12 languages, the guided bone regeneration (GBR) technique was described in detail. This new publication, *Vertical 2: The Next Level of Hard and Soft Tissue Augmentation*, is a continuation of that book but at a more advanced level. Now, the author delves into the details where the devil lives, and shares information that has never been revealed before on the topic of vertical ridge augmentation. It is important to read this book armed with the knowledge from the first book as you will need it on this second journey with him.

A major part of this book comprises full-color, step-by-step images of patient cases. At times, reading it is like watching a surgical video, where the author 'stops the video' to discuss with you, the reader, what he is thinking and doing at that step, what his next step will be, and the reason for it.

Included again are the well-appreciated 'Lessons learned' sections, where the learning objectives are emphasized and further notes given, including ways to further improve the techniques. The section on the mandible is more detailed in this book, with the focus on larger defects and the different surgical steps in native, fibrotic, and scarred tissue types around the mental nerve during flap advancement.

In addition, light is shed on the detail in treating the anterior maxilla, which has not been published previously. It includes treatment options such as the fast track, the safe track, and the technical track of soft tissue reconstruction in conjunction with bone grafting as well as papilla reconstructions after bone regeneration. The section on the posterior maxilla hopes to resolve issues such as the management and complications of combined ridge and sinus grafting, including difficulties such as the lack of buccal, crestal or nasal bony walls of the posterior maxilla before bone grafting.

In this must-have new publication, the procedures are kept simple, repeatable, and biologically sound. The techniques presented are not overcomplicated; they are simple treatment strategies with lower complication rates and more predictability in the final outcome.

#### Contents

Chapter 01. The biology of vertically and horizontally augmented bone

Chapter 02. Scientific evidence of vertical bone augmentation utilizing a titanium-reinforced polytetrafluoroethylene mesh

#### The extreme vertical defect of the posterior mandible

Chapter 03. Reconstruction of the extreme posterior mandibular defect: surgical principles and anatomical considerations

Chapter 04. Reconstruction of an advanced posterior mandibular defect with scarred tissue

Chapter 05. Reconstruction of an advanced posterior mandibular defect with narrow basal bone

Chapter 06. Reconstruction of an advanced posterior mandibular defect with incomplete periodontal bone levels: the 'paw sacrifice'

Chapter 07. Reconstruction of an advanced posterior mandibular defect with the Lasagna technique using low-dose bone morphogenetic protein-2

### Anterior mandibular vertical augmentation

Chapter 08. Reconstruction of the advanced anterior mandibular defect: surgical principles and anatomical considerations

Chapter 09. Reconstruction of the advanced anterior mandibular defect: considerations for soft tissue reconstruction and preservation of the regenerated bone

Chapter 10. Reconstruction of the advanced anterior mandibular defect: importance of horizontal bone gain

### Posterior maxilla

Chapter 13. Difficulties in sinus augmentation and posterior maxillary reconstructions: missing labial sinus wall and ridge deficiencies

Chapter 14. Sinus graft infection and postoperative sinusitis

Chapter 15. The reconstruction of an extreme vertical defect in the posterior maxilla

### Anterior maxillary vertical augmentation

Chapter 16. Introduction and clinical treatment guidelines

Chapter 17. Complex reconstruction of an anterior maxillary vertical defect

### Extreme defect

Chapter 18. Anterior maxillary extreme defect augmentation

### Soft tissue reconstruction in conjunction with bone grafting

Chapter 19. Reconstruction of a natural soft tissue architecture after bone regeneration

Chapter 20. The labial strip gingival graft

Chapter 21. The double strip graft

Chapter 22. Large open-healing connective tissue graft

### Reconstruction of the interimplant papilla

Chapter 23. The double connective tissue graft

Chapter 24. The Ice-cube connective tissue graft

Chapter 25. The Iceberg connective tissue graft

### Interproximal bone and soft tissue regeneration

Chapter 26. Vertical periodontal regeneration in combination with ridge augmentation

### Ultimate esthetics

Chapter 27. Ultimate esthetics: reconstruction of the bone and soft tissue in conjunction with preserving the mucogingival junction

### Complications

Chapter 28. Complications

**Categories:** Implantology, Oral/Maxillofacial Surgery