

TITLE: **Aesthetic, Periodontal,
Plastic and Implant surgery:
A microsurgical concept**

AUTHORS: **Otto Zuhr and Marc Hürzeler**

EDITOR OF CROATIAN
EDITION AND TRANSLATION: **Professor Andrej Aurer**

PUBLISHER: **Quintessence Publishing,
Media ogled d.o.o.**

LANGUAGE: **Croatian**

FORMAT: **Hardcover**

NUMBER OF PAGES: **858**

DATE OF ISSUE: **2012**

ISBN: **978-953-7862-03-9**



This book presents the latest modern concept of original and innovated doctrine in surgical disciplines. Presented problems are well covered in all areas. Special emphasis is given to the chronological segments designed and developed by chapters: A. BASICS, B. TECHNIQUES and C. COMPLICATIONS.

The Basics section presents the anatomical, structural and biological basis of periodontal structures handled schematically, histological and electron methods that indicate, along with the latest scientific data and information, the importance of periodontal structures. Innovation that this book brings concerning micro-surgical procedure is here presented method of fluorescent angiography with significantly less anemia of operated area. In the aesthetic, periodontal, plastic and implant surgery there are clinically imperatives to use atraumatic needles and fine gracile surgical instruments, sewing kits, as well as numerous new techniques of sewing. Microsurgical concept is the concept of the future and has the advantage over conventional surgery, and all that is very well documented with original photographs in this book.

Principles and stages of wound healing in this chapter are vividly presented. Specially evaluated are systemic factors, diabetes mellitus, smoking, immunosuppressive medications and AIDS as their influence on the course of healing and quality of primary healing.

Numerous diagrams and photo-documentation of clinical patients presented here confirm that the success of the aesthetic, periodontal, plastic and implant surgical procedure crucially depends on incision, flap design and sewing techniques. Various new design flap surgery are challenging for surgeons specialist of periodontology, oral surgery and implantology in their daily practice. Gingiva's phenotypic characteristics, guidelines, diagnostic strategies are forms individually for each patient and must be respected. The book presents the different clinical and X-ray cases after completion of therapy. The authors emphasize the importance of patient management, which extends from informing patients about the type of surgical procedure, legal background, content and scope of surgical procedures to mandatory written form to the patient's consent. Risk groups are described in detail, with provided the

necessary preoperative and postoperative medication, after which they described clinical procedures with the administration of antibiotic prophylaxis.

Through Chapter techniques the authors have treated reconstructive procedures that are carried out through the use of grafts. It is also presented, by RASTER electron microscopy footage, xenogenic bone replacement material in the case of BIO - OSS particles in the form of granules of size between 0.25 mm and 1 mm. This problem, the authors give a great importance and attention in the context of the gingival index, the potential of the different surgical techniques, in order to fully meet the requirements of aesthetics, as important parameter of successful treatment outcomes. Implant surgery today holds a special place in the rehabilitation of edentulous region. Indications, technical and technological parameters are crucial in selecting patients for this surgical discipline. This chapter gives a detailed description, numerous clinical examples with the original photo-documentation of various surgical and combined periodontal-surgical and aesthetic prosthetic procedures to the final functional and aesthetic outcomes. It points to the importance of the

technical process of making X-ray or surgical jig with the final radiographs after implant placement.

In chapter Complications authors presented methods to overcome possible complications, then continue therapy in order to establish normal reparative mechanisms.

All this original, innovated and modern material, we only hinted at in this brief overview is presented in the book in logical and systematic sequence, enriched schematically, histological and electron images of clinical examples. The book gives a contemporary concept of surgical doctrinal principles, documenting stages of surgical intervention from initiation to final prosthetics. Principles of clinical practice in surgical disciplines are incorporated both in content and photo-documentation. The book conveys diagnostic and therapeutic skills for all surgeons in clinical practice dentistry. Latest surgical procedures and doctrines that are now used in the surgical treatment protocols represent a new dimension of aesthetic, periodontal, cosmetic and implant surgery in the 21st century.

Professor Amira Dedić, PhD, MSc, DDS