

INDEX

Editorial – „KISS“-Philosophy page 14

Presentation of the co-authors page 16

Part I – An introduction to dental implantology page 23

Part A – An introduction to implant prosthetics page 24

Part B – Surgical training at the phantom page 30

1. The modules of surgery
2. Modern implantology concepts in the phantom training
by Dr. Stephan M. Ryssel
3. Instruments for implant surgery
4. Technology for augmentation and membrane technique
5. The most important features of a modern implant system
 - a. from a surgical point of view
 - b. from a prosthetic point of view

Part C – Planning the implant page 91

1. Radiographic diagnostic
2. Number of implants and pre-implantology extraction therapy
3. Computer-aided planning
by Prof. (ECU) Dr. Christopher Schramm

Part D – Classification for dental implantology page 113

Part E – Gingival management – implant splinting – cementation – tooth-connection bonding bridge page 115

Part F – Prosthetic training on the phantom page 123
Team approach in the implant prosthetic

INDEX

Part II – Patient cases page 151

CHAPTER I – CLASSIFICATION 2 C

**The partially edentulous dentition –
5 teeth or less** page 152

PATIENT CASE I page 153

Planning protocol of a complex implant therapy of the extractions in the upper jaw and the lower jaw by long-term interim care and telescopes at the remaining teeth 13, 23, 33, 43, sinus lift surgery and a metal-free ceramic restoration with zirconium base.

PATIENT CASE II page 178

Multi-therapy-concept: Preparation of tooth – augmentation in one session. The patient comes into the office with a clasp prosthetic and leaves the office with a fixed acrylic bridge.

INDEX

PATIENT CASE III page 186

Cost-effective upper jaw provision by a fixed composite bridge between periodontally healthy canines and 2 anterior implants . Later the model casting can be exchanged by an implant in the posterior area after sinus augmentation by fixed ceramic bridges.

PATIENT CASE IV page 192

Complex implant therapy in the upper jaw and lower jaw at a progenia after serial extraction before and bone augmentation with an upper jaw composite bridge in the anterior region.

INDEX

PATIENT CASE V page 197

Complex provision after previous extractions in the upper and lower jaw with an anterior bridge with inclusion of the lower canines by telescope crowns.

PATIENT CASE VI page 207

Multi-Therapy-Concept: Extraction – Sinus augmentation – immediate implantation in one session – inclusion of the remaining teeth 17, 21, 22, 23 with a fixed ceramic bridge and small attachment joint to the implant bridges.

INDEX

CHAPTER II – CLASSIFICATION 3 **Edentulous upper jaw and/or lower jaw**

Part A: Fixed Reconstruction page 219

PATIENT CASE VII page 220

After extraction in the upper jaw and lower jaw, the periodontally involved remaining teeth 13, 23, 33 and 44 have been left as clasp abutments during the bone graft maturation and phase of osseointegration. The teeth were extracted in the implant opening session.

PATIENT CASE VIII page 225

After extraction-OP in the upper jaw only tooth 15 has been left - also after sinus lift – for fixation of the interim prosthetics until the implant opening.

INDEX

PATIENT CASE IX page 233

PATIENT CASE X page 238

Serial extraction upper jaw and lower jaw – sinus lifts on both sides and SIS-rail for fixed provision.

PATIENT CASE XI page 252

ZTM Bernhard Stühler

Metal-sheathed interim bridge after implantation of 10 implants in the upper jaw. After 6 months the final gold porcelain bridge has been constructed from the first impression.

INDEX

PATIENT CASE XII page 277

Extraction-surgery – extensive bone augmentation with sinus lifts – fixed bridge – cantilever therapy at both sides in the lower jaw.

PATIENT CASE XIII page 281

by Dr. Anne Gresskowsky and ZTM Bernd Goller

Fixed bridge therapy with universal connection element UVE (prefabricated telescope abutment with screw joints) above 6 implants in the upper jaw and no cantilevers present at both sides in the lower jaw.

IMMEDIATE RESTORATION AFTER THE FAST & FIXED CONCEPT

by Dr. Georg Bayer

page 297

INDEX

Part B: Removable reconstruction page 310

PATIENT CASE XIV page 311

Extreme bone atrophy in the toothless upper jaw after wearing a complete denture prosthetic for more than 20 years.

PATIENT CASE XV page 314

Extreme jaw atrophy specially in the upper jaw sinus lift with crestal window access.

PATIENT CASE XVI page 320

Block augmentation from the hip – also extreme jaw atrophy in the upper jaw and fixed bridge provision.

PATIENT CASE XVII

page 324

Toothless patient with classical indication for removable dentures – 6 implants in the upper jaw and 4 implants in the lower jaw.

PATIENT CASE XVIII

page 327

The special case: A pathological gagger.

INDEX

CHAPTER III – CLASSIFICATION 1

Single tooth implant page 331

Theoretical introduction into the single tooth implant placement page 333
by Dres. Anne Gresskonski and Jochen K. Alius

4 Patient cases page 345

by Dres. Anne Gresskonski and Jochen K. Alius

Aesthetics with Blue-Sky-Implants and Sky Uni.fit page 375

by Dr. Michael Weiss

Closing words page 407

Epilog page 409

Material list page 412