ЗА КОНТАКТ - ТЕЛ. 0885 117 684, 02/963 45 43, books@infodent.bg

МОЖЕ ДА РАЗГЛЕДАТЕ КНИГИТЕ В ОФИСА НА ИНФОДЕНТ-БГ НА АДРЕС - СОФИЯ 1164, БУЛ. ПЕЙО ЯВОРОВ 50-56, ВХ.А, ЕТ. 4 ОФИС 1

НЕ ПОДДЪРЖАМЕ ВСИЧКИ КНИГИ НА СКЛАД!

ОБИЧАЙНИЯТ СРОК ЗА ДОСТАВКА НА ЛИПСВАЩИТЕ КНИГИ Е 14 ДНИ!

МОЖЕ ДА ЗАКУПИТЕ КНИГИТЕ В ОФИСА НИ, А АКО ЖЕЛАЕТЕ ДОСТАВЯМЕ КНИГИТЕ С КУРИЕР ПО ВАШ ИЗБОР И ЗА ВАША СМЕТКА.

ЗАПЛАЩАНЕТО НА КНИГИТЕ МОЖЕ ДА БЪДЕ В БРОЙ, С НАЛОЖЕН ПЛАТЕЖ, ПО БАНКОВ ПЪТ ИЛИ С ПОС ТЕРМИНАЛ.

АКО ИМАТЕ ВЪПРОСИ, НЕ СЕ КОЛЕБАЙТЕ ДА НИ СЕ ОБАДИТЕ! РАБОТНОТО НИ ВРЕМЕ Е ВСЕКИ ДЕЛНИЧЕН ДЕН ОТ 9.30 ДО 17.30 ЧАСА.

ПОЗДРАВИ,
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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.

Innovative technology has allowed the dental team to use new materials and equipment in the production of prosthetic dental restorations that offer greater precision than conventional protocols. The authors present the digital workflow they have developed and tested over time as new materials and software have continued to evolve. The accompanying DVD demonstrates the overarching treatment plan protocols, and the authors show what is possible through multiple cases of varying clinical situations. The authors emphasize how to use the intraoral scanner properly and how to integrate the digital workflow with the traditional knowledge and practice.

The invention of 3D printing technology and its microprecision products are revolutionizing the way dentistry is practiced. However, as with any new technology, many clinicians are uncertain of where to start. After a brief discussion of the evolution of 3D printing and the scientific credence behind it, the first section examines the fundamental concepts and the latest trends in digital dentistry, including intraoral scanning, 3D printers, 3D materials, and CAD/CAM processes. The second half of the book presents clinical case studies that apply 3D printing to treat surgical, orthodontic, prosthetic, restorative, and esthetic cases.
This book is geared toward practitioners who want to master dental photography and build their social media presence. Written for visual learners, this book breaks down the fundamentals of dental photography by outlining the key concepts, equipment, and lighting as well as introducing "The Simple Protocol"—the basic day-to-day intraoral protocol that shows how easily clinical photography can be incorporated into the clinical workflow. That is where most photography books end, but this author also explores advanced techniques and demonstrates how to achieve some of the most characteristic looks in artistic dental photography, including the glossy effect, chiaroscuro, chromaticity, and texture manipulation, as well as a simple setup for taking photographs in the dental laboratory. Finally, the author provides insight into the ever-changing world of digital marketing and explains what you need to know to reach your market on social media.

The aim of this seminal book is to make the case that digital photography is an essential instrument for evidence and interaction in dental practice. Unlike many books on this subject, this book redefines the scope of and rationale for clinical photography beyond the obvious focal point of anterior teeth and esthetics to include all oral tissues and the entire spectrum of dental care. In addition, the author outlines the most suitable camera equipment and accessories, the correct technique and positioning, and the protocol for digital image management to ensure high-quality images. This book will help dentists appreciate the value and scope of digital photography in general dentistry and allow them to seamlessly incorporate the equipment and techniques into their clinical practice and workflow. An essential book that expands the place of clinical photography and underscores its role in improving clinical records and communication.

For those who are finding the transition from 2D radiography to 3D CBCT confusing, this text explains the use of volumetric imaging in clinical practice and details the indications for its use in every field of dentistry. Ample direction is given on proper image processing and how to read CBCT scans, including a comprehensive anatomical atlas. In addition, the authors explain how to compile volumetric 3D reconstructions and use them in computer simulation to explain surgical phases. The authors focus on topics of greatest clinical interest, including cephalometric diagnostics and a novel approach to esthetic analysis, analysis of the anatomical airway for sleep apnea, a comprehensive review of the maxillary sinus and its role in improving clinical records and communication.
Tooth-preserving surgery has been performed for hundreds of years, but the last 10 to 15 years have shown a resurgence and a great increase in knowledge regarding these techniques. The aim of this book is to present modern methods of tooth-preserving surgery so clinicians can expand the range of treatments offered in daily practice or to bring them up to date. This volume is not intended as a textbook, but rather as an illustrated atlas and reference work. Each surgical technique is systematically described with indications and contraindications, step-by-step surgical procedure featuring case examples, as well as prognosis and potential complications. Armed with knowledge of methods old and new, clinicians can evaluate whether their patients’ teeth—even potentially hopeless teeth—might still be preserved.
Dental hygienists must practice evidence-based dentistry (EBD) to provide the best care to their patients, whether it be through scaling and root planing, caries prevention, or patient education. This book is intended as a textbook for dental hygienists to learn the importance of EBD in the practice of dental hygiene as well as how to implement EBD practices and share EBD findings among office staff. As the dental knowledge base evolves and scientific discoveries are made, dental hygienists must understand how to seek out and evaluate findings and, if appropriate, apply them in their clinical practice, and this book provides all the necessary tools to do just that.

Good oral health is vital, not only to help us eat well but also to prevent oral inflammation, xerostomia, and aspiration pneumonia. Text Book for Oral Care is aimed at students aspiring to become dental nurses or oral hygienists. Part I explores the oral care certification system and the definitions of oral care. Part II provides a breakdown of the oral care criteria and the patterns of examination. Part III is a multiple-choice question and answer section covering the key aspects of oral care and specific keywords to help students to revise. Topics covered include tooth brushing, gargling, dentures, halitosis, dental caries and periodontal disease, bleeding, dry mouth and dysphagia.

Clinical Dental Medicine 2020 provides authoritative commentaries on the origins, present capabilities and anticipated challenges and opportunities in the main elements of the clinical practice of dentistry. For all those with interests and responsibilities in dentistry and oral health sciences, this book provides an insightful roadmap through to 2020 and possibly beyond as well as emphasising the challenges and, possibly more importantly, the opportunities available to forward-looking members of the dental team.

As the oral-systemic health connection continues to be the focus of an overwhelming amount of scientific literature, it is important for dentists to stay informed in order to be a reliable source of information for their patients. This second edition explores the connections between oral infections and systemic diseases/conditions, incorporating feedback from scientists, practitioners, and policymakers. In addition to updated chapters about cardiovascular disease, diabetes, inflammation, and adverse pregnancy outcomes, authors have contributed new chapters about antibiotic prophylaxis, the genomic connection, common risk factors, and the economic impact of this connection.
Preventive dentistry is a constantly changing and developing field. As new research emerges, some practices that had once been revolutionary are abandoned, while others continue to withstand the test of time. This book relies on solid evidence base and instructs readers on how this can be translated into clinical dental practice—what changes should be made to how we practice and why they should be made. Topics include caries and periodontal disease, orthodontic problems, diagnostic approaches, diet and oral health, oral hygiene, oral disease patterns, caries treatment, fluoride guidelines, risk management, sealants, and probiotics. This book will help clinicians to provide their patients with the best care possible based on evidence-based and clinically proven methods that are relevant today.

Based on the proposition that specific treatments and techniques come and go but comprehensive treatment planning is universal and timeless, this group unites clinicians of all levels and from all disciplines, challenging them to master the principles of total case management through interdisciplinary treatment-planning exercises. In keeping with that philosophy, this book articulates the seemingly mystical process by which master clinicians develop comprehensive treatment plans under the guidance of master clinicians. Posttreatment images. This book provides the opportunity to learn through the experience of what the reader can expect to learn from the process. The case presentations follow the format established in the first volume: Diagnostic findings and pretreatment images are presented first to allow the reader to develop a treatment plan, then the master clinician’s proposed treatment suggestions focus in treatment plan design, key elements to consider when planning the case, and the presentation of additional cases treated by master clinicians from every specialty. Each volume contains written and clinical case studies that are designed to reinforce the principles and provide a practical model for case management.

This second volume takes readers to the next important step: learning by repetition through the presentation of additional cases treated by master clinicians from every specialty. Each is introduced by the clinician, who provides the rationale for choosing the particular case, a suggested focus in treatment plan design, key elements to consider when planning the case, and what the reader can expect to learn from the process. The case presentations follow the format established in the first volume: Diagnostic findings and pre-treatment images are presented first to allow the reader to develop a treatment plan, then the master clinician’s proposed treatment plan and account of actual treatment provided are detailed, accompanied by treatment and post-treatment images. This book provides the opportunity to learn through the experience of developing comprehensive treatment plans under the guidance of master clinicians.

This book presents a superb collection of art, reflecting the dentist’s role in society and the relationship between doctor and patient through the history of civilization. It contains an international selection of artwork, tracing both the history of art and the development of dentistry from ancient times to the present day, illustrating changes, perceptions, and applications of dentistry through varied styles and artistic media. A short presentation of the artist and the subject of his artwork accompany each work of art.

The world-renowned authority on preventive and community dentistry presents his life’s work in this five-volume series (volume 1 and 2 now out of print), of clinical atlases focusing on risk prediction of dental caries and periodontal disease and on needs-related preventive and maintenance programs.

Preventive Dentistry

Volume 3: Diagnosis and Risk Prediction of Periodontal Diseases
464 pp; 444 illus.; £2002;
£111 | £140

Volume 4: Preventive Materials, Methods and Programs
652 pp; 607 illus.; £2004;
£132 | £178

Volume 5: Minimally Invasive Treatment, Arrest, and Control of Periodontal Diseases
308 pp; 519 illus.; £2009;
ISBN 978-0-86715-365-1;
£135 | £148

Per Axelsson

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Volume 1: Endodontics
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Suturing is one of the most important phases of surgery, requiring utmost attention to detail and the adaptation of the technique to each patient case. This comprehensive new book considers dental suturing as an art, the ultimate aim of which is to increase the success of the surgical procedure. The book, beautifully illustrated with full-colour digital images and photographs, covers all the aspects of suturing, from wound healing through surgical suturing materials and instruments to the variety of suturing techniques. Each aspect of the art of suturing is carefully explained and detailed by the authors, making this new publication a must-have for all professionals in the field of dental surgery.

Proper management of soft tissues in periodontal, implant, and reconstructive surgery has become increasingly important for aesthetic treatment outcomes. In order to achieve correct postoperative positioning of the soft tissues, clinicians must have a comprehensive understanding of wound healing and suturing. Drawing on a series of clinical cases, this book outlines suturing techniques for the most common surgical procedures, providing indications as well as techniques for implementation. The detailed illustrations and tables clarify difficult technical concepts, and a quick reference guide consolidates the essential information for each suture type.

Quality and performance in dental practice depend on well-trained hands, and this book presents a new paradigm in manual training for dentists and assistants. Manual abilities are a fundamental part of clinical competence and are essential to chairside teamwork in the dental treatment room. However, acquiring this complex competence is too often left to individual experience and bad habits set over time. This book establishes a standard for manual competence, which can be learned and trained.

The active use of preventive measures is invaluable in clinical practice, but the best way to ensure effective management of a medical emergency is to be prepared in advance. Practitioners and their entire dental staff must be ready to confront medical emergencies that may arise during treatment with sufficient medical knowledge to initiate appropriate primary treatment. This accessible manual addresses the most common medical emergencies encountered during dental treatment.

Today there is much talk of being disruptive in life and business, of interrupting the status quo or of reinventing the rules. This 2-volume book describes a different way of approaching dentistry, using the author’s signature SLOW method to effectively GROW your practice and your enjoyment of the profession. The focus is on maintaining an effective personal relationship with patients in a world of marketing and digital communication where it may be necessary to compete for the patient’s attention. Slow Dentistry offers us a vision of doing more with less, prioritizing quality, and enjoying the emotional bond with the patient as well as the team. This book discusses methods to compete successfully in a worldwide market using personal human connections to find greater fulfillment in dentistry in general.

For the first time, the highly complex topographic-anatomical relationships of facial anatomy are depicted layer by layer using extremely detailed anatomical illustrations with a three-dimensional aspect. Important landmarks, anatomical details, and clinically relevant constellations of hard and soft tissues, as well as of nerves and vessels, have been detailed. While the accompanying text and figure captions highlight specific issues, the images remain in the foreground. The elaborate illustrations are based mainly on live anatomy and corresponding images obtained from magnetic resonance imaging, with some support from anatomical preparations.

This clear and comprehensive app shows 3D animations of 20 current suturing techniques used in periodontology and oral surgery. For each technique, you will also find brief information about:
- indications
- advantages and disadvantages

This application is designed for dental students and dental surgeons wishing to refresh their suturing techniques.
By highlighting the controversies surrounding major advances in dentistry, this book gives by the leading personalities of dentistry during its development from antiquity to the present. This engaging history book outlines the personal struggles endured and victories achieved outcomes. An invaluable guide for clinicians wishing to integrate the laser into their practice. Detailed instructions allow even novices to make successful use of this innovative technology. Indepth discussion of available wavelengths guides readers in the purchase of a new laser system, and extensive case reports demonstrate achievable therapeutic outcomes. An invaluable guide for clinicians wishing to integrate the laser into their practice. New and innovative biomaterials are being discovered or created in laboratories at an unprecedented rate, but many of them remain entirely foreign to practicing clinicians. This book addresses this gap in knowledge by summarizing some of the groundbreaking research performed to date on this topic and providing case examples of these biomaterials at work. The book begins with a review of the biologic background and applications of bone grafting materials utilized in dentistry. The principles of guided tissue and bone regeneration are covered in detail, including many recent advancements in barrier membrane technologies as well as use of platelet-rich fibrin and various growth factors, and many next-generation materials that will optimize future bone and periodontal regeneration are presented. The final chapter is designed to help clinicians select appropriate biomaterials for each specific regenerative protocol. Much like one implant size and shape cannot be utilized for every indication in implant dentistry, one bone grafting material, barrier membrane, or growth factor cannot maximize regenerative outcomes in all clinical situations. This textbook teaches clinicians how to utilize biomaterials in an appropriate, predictable, and evidence-based manner.
The goal is to enable our young patients to live with the healthiest teeth possible, and this involves understanding how to embrace the opportunity, challenge, and responsibility of ensuring an ideal start for even the tiniest of our patients. This book is an introduction to pediatric dentistry and presents the fundamentals of the specialization. It is a useful reference work for everyday practice and for specific issues encountered in pediatric dentistry, and includes tips on communicating with young patients and their parents, advice on diagnostics and recording findings, and explanations of the latest treatment methods in pediatric dentistry.

Good oral health is essential to a healthy pregnancy and can help reduce prenatal complications, including preterm delivery and fetal loss. This book serves as an easy-to-use guide to help dentists of all specialties provide safe, effective care for their patients during pregnancy. The book is broken down into chapters on general treatment guidelines, pregnancy-related conditions in each organ system that may impact care, and the safety of the use of common dental drugs, including anesthetics, during pregnancy. With over 50 quick-reference charts and tables and a breakdown of treatment recommendations by trimester, this book is a must-have for any dental office.

This book describes 16 cases on a number of problems encountered in the treatment of child patients and how the authors have solved them. All the authors of the case reports in this book are well known in the field of pediatric dentistry and have proven their knowledge in this specialization. The book gives the reader extremely useful tips and suggestions that they can use in case they are confronted with similar patients as described. It is therefore an invaluable addition for all dental practices treating pediatric patients.

This comprehensive text demonstrates the therapeutic steps of laser radiation in pediatric dentistry. The clinical protocols for hard and soft tissue applications are detailed with explanations on technique and suggested laser parameters, and the outcomes are illustrated on diagnostics and recording findings, and explanations of the latest treatment methods in pediatric dentistry.

This book discusses innovations in pediatric treatment. Topics include epidemiologic research, fluoride guidelines, caries diagnosis, options for non- and minimally invasive caries treatment, pain-free techniques for local anesthesia, endodontic treatment, space maintainers, and vulnerable populations.

This charming and wonderfully illustrated book entertains as it teaches children the importance of brushing twice a day, and the colorful and delightful illustrations will have both kids and parents smiling and making new discoveries with every read.

Surely you’ve heard that tooth fairies collect baby teeth from under children’s pillows and leave a coin in return. But have you ever wondered what the fairies do with those teeth? Follow the tooth fairies in their adventures as they help children. Based on a popular cartoon, each book in this series comes with a DVD of the corresponding episode, simultaneously entertaining and educating children on the importance of brushing their teeth.
This book presents a novel strategy to improve the outcome of maxillofacial reconstruction by combining evolving principles of neurophysiology and tissue engineering with an integrated surgical and laboratory technique. The objective of this book is to bridge the gap between the routine practice of maxillofacial surgery and theoretical laboratory science.
The first half of the book introduces basic piezoelectric principles, including the clinical characteristics of piezoelectric cutting, the technology of the ultrasonic device, and the ultra-osseointegration process, and a surgical skills chapter includes practical exercises to prepare readers to use the piezoelectric device. The clinical chapters in the second half of the book guide readers through step-by-step piezoelectric surgical protocols for dental extractions, implantology, sinus augmentation, bone grafting, and ridge expansion, followed by case studies illustrating each technique.

There are frequent situations in which oral and maxillofacial surgeons find themselves in need of an immediate answer to a clinical problem. This new edition provides expanded information in an improved format, magnifying its usefulness as a quick reference source on a diverse range of clinical topics, including dentolevalveal surgery, maxillofacial trauma, craniofacial anomalies, and oral pathology, and illustrated with summary charts, tables, clinical photographs, and radiographs.

Expert contributors have synthesized their standard decision-making processes into annotated diagnosis and treatment algorithms. Combining at-aglance understanding with authoritative discussion of the salient features, these treatment algorithms are invaluable.

This book describes the epidemiologic, radiologic, and histopathologic features of the 27 known neoplasms and hamartomatous or tumor-like lesions arising from the tooth-forming structures, as well as 11 distinctive jaw lesions that must be distinguished from odontogenic tumors. It also presents recurrence rates and, where appropriate, information about the most recent views regarding treatment. A practical resource for clinicians and an invaluable reference for researchers.

This comprehensive study guide, prepared by experts in their fields, provides a quick and effective way for both residents and busy clinicians to review important information and published literature in dentolevalveal surgery and implantology, anesthesiology, medicine, pathology, orthognathic surgery, craniofacial and reconstructive surgery, cosmetic surgery, and TMJ disorders and facial pain, as well as to gain new knowledge in these areas.

In-depth chapters detail the treatment process of patient evaluation, analysis of diagnostic records, development of a visual treatment objective, treatment planning, and surgical management. The most common surgical techniques are featured in step-by-step protocols. Although the basic science of orthognathic surgery remains unchanged, the contents of this book have been updated to reflect the most current interpretation of diagnostic data, including expanded discussions of the rotation of the maxillomandibular complex and anterior open bite dentofacial deformities as well as new sections on distraction osteogenesis and the intrasoral vertical mandibular ramus osteotomy.

This clinical manual presents the current rationale and indications for third molar extraction, along with comprehensive, detailed information on treatment techniques such as radiographic examinations, anesthesia, surgical protocol, and germeectomy. The clinician will also find practical advice for treating specific clinical situations such as the mesially inclined, horizontal, vertical, or distally inclined third molar, as well as special considerations for extracting maxillary third molars. The authors also offer strategies for effective patient management through every stage of treatment.
When patients present to the dental clinic for retreatment, there is little room for error. Cases requiring retreatment may have already resulted in complications, failures, and even iatrogenic damage. It is therefore in the best interest of patients and for the discipline that clinicians share protocols, techniques, and innovations used in retreatment to improve the quality of care and avoid further error. The clinical cases depicted in this DVD compendium all lay bare two things: first the medical mistake and then the innovative fix that allowed for a successful outcome at retreatment.

Contents
Volume 1. Endo failure—Tooth loss and perforation of the buccal plate
Volume 2. Diagnostic failure—Mistreated trauma associated with periapical chronic lesions and anatomic bone deformities
Volume 3. Perio failure—Recurrent and excessive scaling and root planing
Volume 4. Iatrogenic bone grafting and implant placement—Ailing dental implants associated with oroantral communication

This book does not pretend to be an exhaustive resource on oral pathology; instead, it seeks to provide the practicing clinician with enough information to help identify or at least narrow down the differential for every common lesion or oral manifestation of disease seen in daily practice as well as what to do about them.

Office-based anesthesia administration is becoming more complex as people live longer and with more comorbid diseases. The purpose of this book is to guide practitioners along the decision tree as they encounter a wide spectrum of ages, diseases, and conditions and to strengthen the margin of safety of office-based anesthesia administration.

This two-volume award-winning text covers the conditions that oral and maxillofacial surgeons need to be prepared to identify and treat. In addition to its clinical presentation, each disease entity includes its pathogenesis, differential diagnosis, diagnostic work-up, histopathology, treatment, and prognosis.

This atlas presents the applied surgical techniques for harvesting bone from intraoral and extraoral sites. The authors guide readers to a thorough understanding of each donor site by addressing anatomy, patient positioning, surgical approach, dressings and drains, postoperative care, complications, and pediatric modifications.
Many books include an inherent bias: The authors specialize in a certain beloved technique and attempt to apply this technique to multiple clinical situations while glorifying the successes and dismissing the failures. Or it is written by researchers so wrapped up in science and academia that they forget what it really means to run a dental practice and deal with patients day-to-day. This book is different. The authors have many decades of both academic and clinical experience and have set out to produce a clear, impartial, and rational text to address new concepts and techniques that affect the daily clinical practice. Treatments (including their limitations) are described, including many controversial techniques and clinical issues not previously described in the literature. The chapter layout is presented logically and in sequence to address the different specialties in an organized and contextualized way. A comprehensive background is provided to allow readers to determine for themselves—rather than be told—how to best develop a sound clinical work.
Implant dentistry has evolved tremendously over the past three decades and is rapidly progressing as new materials and protocols become available each year. With the number of advancements made in digitally based media and marketing, it is imperative that the clinician be able to separate new trends from evidence-based protocols to make sound and predictable choices for the ultimate benefit of patients. This textbook presents cases from the author’s 35-year practice to show the successes and failures of various treatment approaches and protocols. Early chapters discuss the relevant biomaterials and instruments utilized for bone augmentation protocols, including barrier membranes, bone grafting materials, and growth factors. Surgical chapters dedicated to extraction socket management, alveolar ridge augmentation, and sinus grafting follow, each chapter detailing specific indications and patient selection criteria as well as step-by-step surgical procedures, aspects of postoperative treatment, and complications. The final chapter focuses on full-arch reconstruction using fully guided immediate reconstruction protocols. The author’s teaching institute is credited with preparing some of the world’s best clinicians, and this book will pave the way for countless more.
This book expertly describes the key features of vertical and horizontal ridge augmentation, such as the surgical anatomy of the floor of the mouth, papilla reconstruction, the modified lingual flap and the preservation of the mental nerve during flap advancement, growth factor applications used in conjunction with perforated membranes, managing complications of membrane exposure and graft infections, and a step-by-step description of complete reconstruction of the severely resorbed maxillary ridge using GBR with simultaneous sinus augmentation. Almost all cases described include a retrospective section with suggestions on what could have been done differently to achieve even better results, making this book a frank, ambitious, and immensely informative text on the clinical practice of ridge augmentation with GBR.

The full-arch implant rehabilitation (FAIR) protocol is one of the newest implant therapy innovations to treat the edentulous or nearly edentulous patient. The FAIR prosthesis is immediate, fixed, esthetically pleasing, highly functional, inexpensive, and maintainable, and it can frequently be installed without bone grafting. This book describes how the FAIR protocol works, who it should be used for, and methods to implement it successfully for different patients. The system can be used in both arches and in patients with total or near-total edentulism. Several chapters are devoted to describing step-by-step treatment with detailed clinical photographs documenting every step from initial assessment to prosthesis delivery. Even those new to fixed denture systems will find the procedures easy to follow and can begin implementing the FAIR approach for their patients.

Bone loss is still a major issue that dentists encounter, but it is a complication that can be prevented. By combining clinical experience with peer-reviewed scientific evidence, the author of this book has put together a guide that any implant specialist will find invaluable to prevent bone loss in their patients. Different strategies are presented that can be used to achieve zero bone loss years after treatment. Because successful treatment depends on both the surgical and prosthetic components, the book is divided into two parts, each focusing in depth on what must be done in each phase to promote bone stability. Case presentations detail many types of clinical situations, implant choices, and prosthetic solutions, all backed by evidence-based clinical studies that have proven success.
The Single-Tooth Implant
A Minimally Invasive Approach for Anterior and Posterior Extraction Sockets

By Dennis P. Tarnow | Stephen J. Chu

240 pp; 1,117 illus.; ©2019; ISBN 978-0-86715-771-0; £198 | €228

The replacement of the single tooth with a dental implant is one of the most common clinical situations practitioners face on a daily basis. While in the past sockets were left untouched for months after tooth extraction before attending to the residual ridge, today it is possible to perform “one surgery, one time,” which is a huge benefit to both the patient and clinician alike. Written by two world-class masters, this book begins with a discussion of the history and rationale for anterior and posterior single-tooth implants, and then it walks the reader through the three types of sockets-type 1, type 2, and type 3-and their various indications and limitations. An entire chapter is devoted to clinical management of posterior teeth, followed by a chapter on cementation and impression-making techniques and complications. The final chapter is a clinical case appendix detailing 11 cases of single-tooth replacement in all types of sockets previously described. The protocols showcased in this book will make patient care faster, easier, simpler, more predictable, and, in many cases, less costly.

Flapless Implantology

By Byung-Ho Choi | Seung-Mi Jeong | Jhun Kim

Wilfried Engelke


This book shows readers how to overcome the perceived challenges of the flapless technique in order to take advantage of its extraordinary benefits, including the preservation of vascularization, soft tissue architecture, and hard tissue volume at the site; decreased surgical time; improved patient comfort; and accelerated healing. The evidence-based protocols outline the techniques to maximize the outcome, even in the management of challenging cases.
Using the gel pressure technique. The accompanying DVD-ROM includes surgery footage documenting the percrestal sinuslift procedures before elucidating the key elements needed for successful sinus elevation. The author builds a careful case through a critical review of pertinent anatomy, biologic considerations, biomechanics, and generally accepted standards. This comprehensive volume truly covers everything a clinician needs to know to use tilted implants with great success for their patients.

Sinus augmentation has become a routine surgical procedure to increase the height of the edentulous atrophied posterior maxilla. Numerous techniques have been used successfully, allowing a high survival rate of implants placed after sinus elevation. This book highlights the anatomical landmarks and describes, using clinical cases, the latest ultrasonic devices allowing a high survival rate of implants placed after sinus elevation. This book emphasizes the science and clinical evidence behind the various protocols using tilted implants, then discusses patient evaluation, diagnostics, and planning before exploring the surgical protocols. Explanations of the procedures are highlighted by dozens of clinical cases presenting a diverse range of initial situations. In addition, methods for fabricating provisional and definitive prostheses are laid out with each step illustrated and explained. This comprehensive volume truly covers everything a clinician needs to know to use tilted implants with great success for their patients.

This book beautifully showcases the concepts, materials, and techniques essential to mastering the most demanding of all surgical and restorative challenges: the anterior single-tooth implant. To achieve the long-lasting esthetic and functional results displayed in this clinical masterpiece, one must attend to the myriad details associated with each phase of treatment.

This book is intended to alert the reader to the shortcomings of some accepted techniques of transcrestal sinus floor elevation and provide a blueprint to help develop transcrestal sinus floor elevation into a surgical protocol that meets the general medical standards of a minimally invasive procedure. The author builds a careful case through a critical review of pertinent anatomy, biologic considerations, biomechanics, and generally accepted procedures before elucidating the key elements needed for successful sinus elevation. The accompanying DVD-ROM includes surgery footage documenting the percrestal sinuslift using the gel pressure technique.
This book outlines the developments in GBR over the past 20 years. The first four chapters help the reader to understand the biologic and biomaterial background of this well-documented and well-established surgical technique—essential knowledge for the use of barrier membranes in patients. The second half of the book focuses on the clinical applications of GBR. Each chapter presents specific indications and describes the criteria for patient selection, the step-by-step surgical procedure, and aspects of postoperative treatment. Like its predecessor, this book is a must-have resource for all clinicians with interest and experience in implant dentistry.

Daniel Buser (Ed.)

20 Years of Guided Bone Regeneration in Implant Dentistry


This DVD features live demonstrations of the clinical procedures described and illustrated in the manual. Videos feature single tooth replacement both in the anterior and posterior mandible; implant placement with simultaneous guided bone regeneration in apical fenestration and extraction socket defects; simultaneous sinus elevation using the lateral window and osteotomy techniques, and more.

Daniel Buser

Surgical Procedures in Implant Dentistry

DVD-Video; NTSC/PAL; 95 min; ©2007; £106 + VAT | €135

Each chapter of this highly practical guide begins with a question-and-answer section that addresses clinicians’ most frequently asked questions: Why are “pink esthetics” the most important factor in determining a good treatment outcome? When is immediate postextraction implant placement preferable, and when is it safer to carry out preservation or augmentation of the ridge? When and how can a keratinized tissue band be properly reconstructed, or peri-implant soft tissues be augmented? How are peri-implant esthetic complications treated? Citing from the literature, the authors review the prevailing best evidence to provide guidelines for treatment. With more than 90 clinical cases demonstrating a wide range of therapeutic needs, the authors explore compelling case examples to provide step-by-step analysis of techniques and explain the best treatment options in different clinical scenarios. This book offers answers to dilemmas that every clinician faces in daily practice and outlines clear strategies for achieving optimal treatment results.

Daniel Cardaropoli | Paolo Casentini

Soft Tissues and Pink Esthetics in Implant Therapy


The author presents a systematic approach to the patient evaluation, including quantification of the positive and negative elements that enhance and detract from an individual’s smile, specific surgical maneuvers for managing peri-implant soft tissues, including various innovative flap designs; the surgical and prosthetic protocols of a technique for preserving the natural hard and soft tissue anatomy in patients undergoing tooth removal; soft tissue grafting techniques for augmenting attached tissues around natural teeth and implant restorations; and an innovative technique for reconstructing large-volume hard and soft tissue defects in the anterior maxillary area.

Anthony G. Sclar

Soft Tissue and Esthetic Considerations in Implant Therapy


Since the publication of the first edition of this book 20 years ago, the landscape of implant dentistry has changed dramatically. This volume brings together the knowledge of the foremost leaders in implant dentistry, covering all aspects of the treatment process, from decision-making and treatment planning through imaging, surgical techniques, bone and soft tissue augmentation, multidisciplinary approaches, loading protocols, and finally strategies for preventing and treating complications and peri-implantitis as well as providing effective implant maintenance therapy.

Myron Nevins | Horn-Lay Wang (Eds.)

Implant Therapy

Clinical Approaches and Evidence of Success

544 pp; 1,782 illus.; ©2019; ISBN 978-0-86715-798-7; £290 | €328

The authors emphasize use of a comprehensive esthetic analysis and the careful management of the essential preparatory phases, and they outline the esthetic design principles and clinical methodology for different treatment options. They also discuss indications for immediate loading, delivery of a fixed prosthesis shortly after the surgery, flapless surgery, and the all-on-four treatment concept, all of which can be used to limit postoperative difficulties for the patient. By tailoring the prosthetic management to the clinical situation and simplifying the surgical and prosthetic protocols.

Karim Dada | Marwan Daas

Esthetic Implant Restoration in the Edentulous Maxilla

A Simplified Protocol


This impressive evidence-based textbook covers all aspects of immediate implant placement and immediate loading with the aim of helping practitioners attain an advanced level of clinical practice in implant dentistry. Chapters present the fundamentals of implant placement, socket preservation, augmentation, peri-implant soft tissue management, and immediate loading protocols, which constitute the basis for predictable, functional, and esthetic outcomes.

Deborah Schwartz-Arad

Ridge Preservation and Immediate Implantation

**Dental Campus—Curriculum Implantology**

17-Volume Set DVD-Video; NTSC/PAL; 2,668 min; ISBN 978-1-78698-102-8; £371 + VAT; €448

Available Spring 2020

Learn from the best—learn implant treatment from start to finish! This DVD compendium provides more than 120 e-learning lectures, peer-reviewed by a global board of renowned experts and sanctioned by exam and CE credits. The contents of the curriculum program are made available by an international network of teaching centers and are structured in modular elements covering the complete field of implant dentistry. Over 48 hours of content will allow the viewer to gain a more thorough understanding of each topic and move forward with confidence when applying this knowledge to their patients.

Contents


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**Occlusal Adjustments in Implants and Natural Dentition: 3D Occlusion**

Vicente Jiménez-López

The book covers the dentition, tooth and implant bone, gingiva, tooth and implant-borne prostheses, masticatory muscles, ligaments, TMJ, articular capsules, disks, etc. The problems that can lead to “malocclusion” depend on patient emotional stress, grinding, clenching, and the jaw being out of occlusion and its proper position. The book also covers referred pain, which can mimic joint symptoms caused by neck and masticatory muscle problems. Headaches and facial pain may be diagnosed as being atypical and may be due to occlusion related muscle problems (masseters, temporalis, etc.), including neck muscles.

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**Oral Implants**

Rolf Ewers | J. Thomas Lambrecht (Eds.)

This book offers a clear synopsis of research and clinical protocols for this topic. Presented by a distinguished group of authors and based on 30 years of research, this book informs clinicians about bioactivating concepts from both scientific as well as clinical perspectives. The research findings detail bioactivation of bone morphogenesis and regeneration by bone morphogenetic proteins, biomaterials and bone repair, bone and soft tissue engineering, as well as cellular and subcellular physiology. Clinical chapters focus on intraoral surgical techniques, including step-by-step procedures for hard and soft tissue management for ideal site development and peri-implant prosthetics.

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**Sinus Floor Elevation**

Yasuhiro Nosaka

This book explores the issues that may be encountered by clinicians during sinus floor elevation and how to avoid complications. The author demonstrates the necessity of preoperative CBCT imaging for every case and discusses the efficacy and pitfalls of both the lateral window and the ostectomy techniques. The many case presentations show diverse pathologic findings, such as the treatment of maxillary sinusitis, mucous retention cysts, and apical lesions, as well as solutions for situations with difficulties due to the presence of the alveolar artery and septa.

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**The answers to your questions about dental implants**

Wolfgang Boltz | Hannes Wachtel | Marc Hürzeler | Otto Zuhr

The DVD Compendium is an impressive demonstration on 15 DVDs of the broad spectrum of minimally invasive therapeutic concepts in periodontics and implantology, presented by recognized specialists in the various fields in original live video recordings. Basic principles, clinical management, treatment techniques, materials, and preoperative preparations are covered exhaustively with live commentary. State-of-the-art advanced training.

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**Immediate Function & Esthetics in Implant Dentistry**

Peter K. Moy | Patrick Palacci | Ingvar Ericsson (Eds.)


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**EAO European Association for Osseointegration (Ed.)**

The answers to your questions about dental implants

80 pp (softcover); 73 illus.; ©2014; ISBN 978-1-85097-279-2; £31 + VAT; €39

Special Offer for EAO Members: 30% off

This book has been created by the EAO to provide answers to the most commonly asked questions about dental implants. They were selected by looking at online search engine results to find out which questions the public ask about dental implants most often. Once the list of questions had been finalised, answers were prepared by members of the EAO’s Board of Directors. They were then reviewed to make sure they were accurate and easy to understand.

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**Esthetics in Implant Dentistry**

Peter K. Moy | Patrick Palacci | Ingvar Ericsson (Eds.)

This book explores the issues that may be encountered by clinicians during sinus floor elevation and how to avoid complications. The author demonstrates the necessity of preoperative CBCT imaging for every case and discusses the efficacy and pitfalls of both the lateral window and the ostectomy techniques. The many case presentations show diverse pathologic findings, such as the treatment of maxillary sinusitis, mucous retention cysts, and apical lesions, as well as solutions for situations with difficulties due to the presence of the alveolar artery and septa.
This series is a compendium of evidence-based implant-therapy techniques and procedures for daily practice. Written by renowned clinicians and supported by contributions from expert practitioners, the ITI Treatment Guides provide comprehensive overviews of various clinical options. The management of different clinical situations is discussed with an emphasis on sound diagnostics, evidence-based treatment concepts, and predictable treatment outcomes with minimal risk to the patient.

This first volume focuses on implant therapy for single-tooth replacement in the esthetic zone. It guides readers through the entire treatment process, beginning with assessment of the patient's individual esthetic risk profile and proceeding through ideal three-dimensional implant placement and proven prosthetic management options. Various procedures are illustrated through patient case studies.

This second volume is devoted to the restoration of partially dentate patients. Central to this volume are loading protocols and how they relate to various treatment indications, including both single and multiple missing teeth in the posterior and anterior regions of the mouth.

This third volume provides clinicians with practical clinical information that will allow them to make evidence-based decisions regarding appropriate implant placement protocol in post-extraction sockets.

This fourth volume presents implant therapy approaches and procedures in edentulous patients with a special focus on loading protocols. After discussing the current evidence base in the literature and a summary of the most recent relevant ITI Consensus Statements, it proceeds to guide readers through the entire treatment process.

The fifth volume presents the materials and techniques associated with sinus augmentation procedures. The volume opens with a review of the current literature and the relevant ITI Consensus Statements derived from the ITI Consensus Conference held in Stuttgart, Germany, in 2008.

This DVD-Video presents five live surgical procedures demonstrating the use of lateral window protocols, simultaneous graft placement, bone harvesting, and piezoelectric surgery. The DVD-Video can be set to any of the following languages: English, Spanish, French, Chinese, German, Italian, Portuguese, Turkish, and Japanese.
The goal of the sixth volume is to provide clinical recommendations for implant-supported prosthetic treatments in patients with multiple missing adjacent teeth in the esthetic zone.

Volume 8 provides clinicians with the latest evidence-based information on the origins and treatment of biological as well as hardware complications. This analysis of the current evidence is based in part on the proceedings of the 4th ITI Consensus Conference held in Stuttgart in 2008 and of the 5th Consensus Conference held in Bern in 2013.

This volume provides a comprehensive, evidence-based approach to single-tooth replacement in the esthetic zone, from consultation to follow-up, with a focus on current treatment modalities and the materials that present-day implant dentistry has to offer.

Volume 9 attests to the ITI's holistic approach to implant dentistry and to its professional responsibility for patients who have aged with implant-supported restorations in place, as well as for patients at a more advanced age who, until late in life, can benefit from the progress we have made in terms of the materials and techniques that present-day implant dentistry has to offer.

Volume 11 of the ITI Treatment Guide series continues the successful theme of the previous ten volumes, a compendium of evidence-based methodology in digital techniques and procedures for daily practice. Written by renowned clinicians and supported by contributions from expert practitioners, the ITI Treatment Guide Digital Workflows in Implant Dentistry provides a comprehensive overview of various technological options and their safe clinical application.

Written by renowned clinicians and supported by cases contributed by expert practitioners, the newest volume of the ITI Treatment Guide series highlights the integration and management of peri-implant soft tissues. It discusses soft-tissue management before and during implant placement and during supportive peri-implant therapy and addresses the techniques and materials used for peri-implant soft-tissue augmentation and replacement and for the treatment of peri-implant soft-tissue dehiscences. It offers clinicians a comprehensive overview of various evidence-based techniques and treatment approaches for use in daily practice, with a focus on current techniques and materials.
Implant Prosthodontics

A Patient-Oriented Strategy: Planning | Treatment Procedures | Longevity | Esthetics | Function | Dental Technology

728 pp; 2,163 illus.; ©2016; ISBN 978-1-85097-282-2; £240 | €289

While a wealth of specialist literature is available on the surgical aspects of implant dentistry, there is no comprehensive, systematic textbook on the implant-supported prosthetic rehabilitation of the patient—which is the true goal of almost every implant treatment. Illustrated with well over 2,000 figures and numerous flowcharts, this book presents a coherent, evidence-based concept of prosthesis-oriented implant placement and individual esthetic prosthetic restoration, conceptualized in detail from the first stages of planning to the aftercare period. The key interfaces between implantologist and prosthodontist, prosthodontist and dental technician, and also between the patient and the treatment team, are explained in detail. This standard text is a must-have, not only for implantologists and prosthodontists, but also for the overwhelming majority of dentists and dental technicians.

Implant-Supported Restorations

English/German language DVD-Video, NTSC/PAL; 311 min; ©2012; ISBN 978-3-86867-117-9; each Vol £58 + VAT | €66
Vol 1–4 £206 + VAT | €248

English/German language Blu-Ray-Video, NTSC/PAL; 311 min; ©2012; ISBN 978-3-86867-117-9; each Vol £66 + VAT | €75
Vol 1–4 £232 + VAT | €248

Dental implantology has seen a dramatic shift in the last decade for a variety of reasons including the incorporation of 3D tools for diagnosis and treatment planning, new implant surfaces and designs, bioactive materials, tissue engineering techniques, and minimally invasive surgical procedures. The combined effect of these innovations is a new paradigm for implant dentistry that is already changing the way clinicians treat edentulous patients and improving treatment options. This book focuses on the dynamic parts of this new paradigm that are still evolving-the controversial topics that are still subject to debate and that directly affect daily clinical practice.

Bone Grafting in Oral Implantology

Techniques and Clinical Applications

234 pp; 1,000 illus.; ©2006; ISBN 978-1-85097-103-0; £96 | €148

Bone reconstruction of defects resulting from atrophy, injury, congenital malformations, or neoplasms has become a routine part of dental rehabilitation procedures, but it requires sound knowledge of bone repair processes and graft behavior. This book presents protocols for harvesting, preserving, and placing bone grafts that are based on the biology and general principles of bone grafting involving the symphysis, ascending ramus and body, coronoid process, maxillary tuberosity, sinus wall, zygomatic buttress, calvarium, iliac crest, and tibia.

This timely book simplifies implant delivery through specialized scanning appliances that are used to transfer prosthetically relevant information to the CT study, giving clinicians the means to develop a prosthetically directed surgical treatment plan and a surgical template. Readers will benefit from the knowledge imparted by clinicians and researchers with years of experience in computer-guided implant placement.
The treatment of deep intraosseous lesions still represents a challenge for clinicians. Therefore, the purpose of this textbook is to present simplified procedures that can be used to treat even the most difficult clinical scenarios. Both surgical and nonsurgical regenerative treatment options are presented and discussed in detail, including types of instruments and regenerative materials to use, patient and defect evaluation, and step-by-step protocols for various evidence-based procedures. Detailed clinical photographs and radiographs accompany each discussion to demonstrate the ideal initial situation for each method and the impressive results that can be achieved by following it. A significant portion of the book is devoted to the single-flap approach, a technique developed and refined by the authors over many years to simplify surgical treatment while providing the best results for the patient.

In this book, the authors provide the first comprehensive overview of the basic principles, indications and clinical techniques of plastic-esthetic periodontal and implant microsurgery. The microsurgical procedures presented in the book are explained step-by-step in meticulously illustrated case examples. Checklists for the necessary materials, instruments and work steps are added to facilitate practical implementation of the microsurgical procedures. DVDs can be bought separately and feature state-of-the-art procedures for minimally invasive dental implant surgery in the esthetic zone. The editor has brought together a team of specialists who perform all the procedures and comment on them. A compact edition of this compendium is now available, featuring all ten volumes on four DVDs.

In this book, the authors provide the first comprehensive overview of the basic principles, indications and clinical techniques of plastic-esthetic periodontal and implant microsurgery. The microsurgical procedures presented in the book are explained step-by-step in meticulously illustrated case examples. Checklists for the necessary materials, instruments and work steps are added to facilitate practical implementation of the microsurgical procedures. DVDs can be bought separately and feature state-of-the-art procedures for minimally invasive dental implant surgery in the esthetic zone. The editor has brought together a team of specialists who perform all the procedures and comment on them. A compact edition of this compendium is now available, featuring all ten volumes on four DVDs.

This work contains detailed descriptions of the subject matter. Topics such as the role of maintenance therapy in periodontal therapy, long-term success-oriented selection of treatment methods, successful regeneration of bone defects, restoration and maintenance of periodontal tissue health, potential complications in maintenance therapy and approaches to dealing with these problems are covered in individual chapters of the book. The text is based on a comprehensive review of the periodontal literature which, in large part, is accompanied by commentary with numerous illustrations and diagrams. The clinical relevance of each chapter is demonstrated, based on a multitude of documented case studies, some with over 25 years of follow-up. More than 3,000 clinical photographs and radiographs illustrate all aspects of the descriptions.
Giovanni Zucchelli

**Mucogingival Esthetic Surgery**


This beautifully illustrated book explains the art and science of esthetic surgical techniques on the mucogingiva around natural teeth and implants. The author draws upon his extensive experience to show readers how to diagnose and treat mucogingival defects, with detailed coverage of the diagnosis of and the surgical options for covering varying degrees of gingival recession. The text features protocols for the treatment and preparation of root caries and noncarious lesions as well as the surgical procedures to cover exposed root surfaces and increase the volume of the affected gingiva. Throughout, the author places special emphasis on minimizing patient recovery time and postoperative discomfort while achieving the patient’s esthetic goals to the best extent possible. This comprehensive volume is a must-read for those seeking to learn or refine mucogingival surgery techniques.

Antonio Carrassi | Pierpaolo Cortellini

**Atlas of Periodontology and Implant Therapy**


Developed under the guidance of the Italian Society of Periodontology and Implantology (SIdP) and with the collaboration of many of its most esteemed members, this two-volume book provides concrete recommendations to all dentists who want to incorporate the most important new research into clinical practice. As a comprehensive reference for effective patient treatment, this book facilitates the application of correct periodontal, implant, and restorative therapies as well as the prevention of complications.

Deborah A. Termeier

**Periodontal Review Q&A**


This best-selling review guide consolidates the plethora of study materials and scattered information available into a single comprehensive source designed to prepare students for periodontal examinations as well as clinical practice. The material is presented in a clear question and answer format, with references to both classic and more recent literature. This revised second edition includes new figures, tables, and treatment planning cases, as well as a comprehensive review of the new classifications of periodontal and peri-implant diseases and conditions, providing the most up to date information for those seeking board certification.

Gian Rocc | Mario A. Armetti

**Periodontal Diagnosis and Therapy**


Effective periodontal and peri-implant therapies are based on the fundamentals: formulation of a correct diagnosis, accurate treatment planning, precision in clinical treatment, and appropriate follow-up. This beautifully illustrated text addresses the nonsurgical and surgical therapies that can ensure the essential stability of the hard and soft tissues. Emphasis is placed on understanding the long-term behaviors of soft tissue and bone as well as on achieving successful long-term results.

Anton Sculean (Ed.)

**Periodontal Regenerative Therapy**

304 pp; 731 illus.; ©2010; ISBN 978-1-85097-158-0; £144 | €158

This book presents an overview of the use of contemporary regenerative techniques in the treatment of periodontal osseous and soft tissue defects. The authors present effective treatment paradigms that incorporate biologic concepts and biomaterial enhancements with predictable surgical techniques.

Marisa Roncati

**Nonsurgical Periodontal Therapy**

Indications, Limits and Clinical Protocols with the Adjunctive Use of Diode Laser

416 pp; 1,390 illus.; ©2017; ISBN 978-88-7492-045-7; £106 | €120

This book outlines the author’s clinically proven protocols for specific cause-related nonsurgical periodontal therapy, including diagnosis, treatment planning, and therapeutic interventions tailored to individual patient needs. With a focus on improved clinical outcomes, the author describes the most effective way to use manual instruments, the adjunctive use of the diode laser, and guidelines for periodontal maintenance.

Marisa Roncati

**Get Sharp**

Nonsurgical Periodontal Instrument Sharpening

132 pp; 300 illus.; ©2011; ISBN 978-88-7492-153-9; £23 | €26

Correct sharpening of nonsurgical periodontal instruments is essential for effective prophylaxis. Incorrect sharpening can modify the instrument blade and jeopardize safe treatment, and continued use of a dull instrument can lead to inadequate treatment, partial removal of calculus deposits, and compromised healing. This book simplifies key concepts to ensure restoration of the fine cutting edge as well as maintenance of the original design of the blade.
Endodontic surgery is a therapeutic solution that is too often overlooked, which is surprising given that it is a reliable technique with a very high success rate. Not only is endodontic surgery more conservative than conventional endodontic treatment, but it can also be used to resolve difficulties that are inaccessible by conventional approach. Written by two specialists in the discipline, this book outlines predictable surgical strategies and presents more than a hundred clinical cases through each stage of treatment.

This book is a serious study of clinical endodontics that underscores the biologic foundation of endodontic treatment and seeks to bridge the gap between basic endodontic knowledge and advanced endodontic biology. Treatments of complex endodontic infections are presented for both vital and nonvital pulp therapy, and the influences of periapical pathology are addressed in detail.

This book is a compilation of practical information for common endodontic procedures, and each chapter focuses on how to perform a single clinical protocol under a dental operating microscope, step by step. Written at a specialist level, the book serves as a desk reference for clinical procedures and as a daily practical guide, but it contains information that is useful to anyone who aspires to perform endodontics at a high level.

Supported by a thorough analysis of the diagnostic, etiopathogenic, and clinical factors, the author of this book proposes a simplified classification of endo-periodontal lesions that sheds light on an ambiguous pathologic situation that is often misinterpreted in clinical practice. The reader is guided through a systematic differential diagnosis to distinguish the signs and symptoms arising from each etiology and to determine how to proceed with treatment.

The ultimate goal of endodontic treatment is either to prevent the development of apical periodontitis or to create adequate conditions for periapical tissue healing. This book provides effective treatment options for achieving both goals. A thorough understanding of disease etiology, pathogenesis, and host-pathogen interaction issues sets the groundwork for effective endodontic treatment.

This study guide provides an essential framework for reviewing the core material covered by the board examinations and helps readers understand how best to prepare for them. With a focus toward clinical applications, the key topics of endodontics are covered in full, and the complex subjects of trauma and resorption are addressed in separate chapters with diagnosis and treatment protocols particular to these entities. To underscore the format of the oral examination, the authors have divided each chapter into the sections used in the examination—basic sciences, medicine, diagnosis, treatment protocols, prognosis, and complications.
Platelet-rich fibrin (PRF) is a second-generation autogenous platelet aggregation biomaterial with a wide range of applications in medicine and dentistry. PRF is already frequently used for procedures such as bone grafting and sinus augmentation, but its application can extend to surgical and nonsurgical endodontic procedures as well. This handbook, the first of its kind, is designed to help the clinician understand and use PRF in endodontics. It discusses the science, clinical applications, and techniques for specialists and general practitioners in a concise, easy-to-read format.

In recent years, cone beam computed tomography (CBCT) has become much more widely available and utilised in all aspects of dentistry, including endodontics. Cone Beam Computed Tomography in Endodontics is designed to inform readers about the appropriate use of CBCT in endodontics, and enhance their clinical practice with this exciting imaging modality.

Root canal treatment in many cases faces the dentist with biological, anatomical, technical and instrumental challenges and problems that often seem difficult or even impossible to deal with successfully. Identification and successful management of such difficult situations represent the main topic of this textbook. The nature and the background of several problems frequently seen in daily endodontic practice are presented, measures for prevention are described, and techniques and instruments for clinical management are discussed critically and referenced by scientific literature.

Before undertaking a removal attempt, clinicians must know how to determine when a broken instrument should be removed and when it should be left in place; the appropriate methods for broken instrument removal; and which instruments should be used for each level of difficulty. This DVD provides a simple, step-by-step strategy for instrument removal that can significantly improve the odds of successfully removing broken endodontic instruments from the root canal.
The book begins with a primer on occlusal anatomy, describing the specifics of each type of posterior tooth. This foundation supports the diagnosis and treatment of lesions, isolation, and cavity preparation for the buildup, as well as modeling, detailing, and finishing of restorations that closely mimic natural tooth anatomy for optimal esthetics and function. Numerous clinical tips and case examples are provided, and the procedural rationale is supported by scientific evidence, in addition to the authors’ considerable clinical experience.

This book provides step-by-step protocols to help dental professionals accurately match, communicate, and reproduce the color of teeth and gingiva. The authors demonstrate how to implement color science in simple problem-solving instructions for predictable esthetics in both clinical protocols and laboratory techniques. An extensive presentation of clinical cases is included to illustrate the use of recommended protocols.

This book details the endodontic, restorative, and esthetic principles of treating pulpless teeth. Topics include how to avoid fractures, endodontic retreatment versus extraction, direct and indirect restoration, posttreatment tooth whitening, use of fiber posts, subgingival defects, and use of porcelain veneers versus ceramic crowns. Each chapter includes technical protocols, algorithms, and practical tips for everyday use.

This book covers the most current concepts on preparations for indirect restorations with a focus on preservation and precision. Topics include restorative planning, intra- and extracoronal restorations, restorations for compromised teeth, minimally invasive preparations, and preparations for CAD/CAM restorations.

Few dentists know how to treat noncarious cervical lesions (NCCLs) and cervical dentin hypersensitivity (CDH), and little attention has been given to their mutual etiologic mechanisms of cervical stress concentration and biocorrosion. Therefore, this book approaches CDH and NCCLs together and outlines the history, mechanisms, and, most important, the clinical methods of treatment for these pathologies.

This book guides the treatment team through the stages of restoration to produce an aesthetic and functional result. It outlines effective clinical protocols for simple implant restoration using techniques that are currently available and commonly used. This book is an ideal starting point for students and practitioners new to implant dentistry.

Following an introduction to the basics of dental aesthetics, the 47 complex clinical case presentations provide the dental practitioner with an insight into the potential uses of resin composite for the build-up of anterior teeth, closure of approximal gaps, closure of black triangles, changes of position and shape, and for directly constructed, fibre-reinforced fixed dental prostheses. It has been written by practitioners for practitioners, and will be of equal interest and value to dentists and orthodontists, as well as students of dental medicine. The accompanying DVD illustrates the techniques.
This book showcases the many applications of next-generation flowable composites and presents each of them in step-by-step fashion. With the adhesive design concept and the injectable resin composite technique, these flowable composites can expand dental treatment options, improve precision and predictability, and reduce chair time.

This book presents an evidence-based approach to the restoration of pulpless teeth, and comprehensive, step-by-step descriptions of technical restoration procedures are included. This is a definitive reference for restoring pulpless or structurally compromised teeth.

Fear of pain is the number one reason people give for not making regular visits to the dentist. At the same time, a majority of dentists report experiencing anesthesia-related problems during restorative dental procedures. If dentists are able to administer successful local anesthesia, patient compliance and satisfaction are likely to improve. Pulpal anesthesia is a vital part of the delivery of dental care for restorative dentists and endodontists. Administration of local anesthesia is invariably the first procedure they perform and it affects everything they do thereafter. This book will help you successfully anesthetize your patients using the newest technology and drugs available.

Over the past two decades, the Fundamentals of Operative Dentistry has become one of the most trusted textbooks on clinical restorative dentistry. By integrating time-tested methods with recent scientific innovation, the authors promote sound concepts for predictable conservative techniques. This classic text has been completely updated with full-color illustrations throughout and substantial revisions in every chapter to incorporate the latest scientific developments and current research findings. A valuable resource for understanding the scientific basis for current treatment options in dentistry.

This beautifully illustrated book documents the most significant developments in technology as well as changes in scientific understanding. The 25 substantive chapters cover the broad scope of restorative and preventive dentistry with topics including caries prevention, bleaching, dental erosion, endodontic therapies, and halitosis.

Through the presentation of numerous cases with long-term follow-up, the author provides clinical documentation of the functional and esthetic results that can be achieved using his multidisciplinary approach. Topics include diagnosis, indications for amalgam, adhesive systems, cavity preparation, buildup and preparation, endodontically treated teeth, inlay and onlay protocols, occlusal contacts, and enamel-dentin fracture lines.

This book presents an innovative approach to teaching operative dentistry, providing professionals as well as students of dentistry with the concepts and procedures inherent to conservative dentistry. The very latest dental techniques available for restoring function and esthetics have been analysed down to the finest detail with the help of excellent drawings and illustrations.
While materials and techniques for creating beautiful indirect restorations are widely available, literature specifically applying these concepts to laminate veneers is lacking. This clinical handbook fills that gap by providing 20 simplified techniques that will enable dentists to obtain impressive results in every clinical situation using laminate veneers. Each technique is described step-by-step and beautifully illustrated, with digitally available clinical videos adding an interactive and engaging layer to the educational experience. All of the techniques in this book have three important things in common: they are feasible, they are teachable, and they are repeatable, making this book a practical and accessible guide for any clinician interested in providing minimally invasive esthetic treatment to their patients in the form of laminate veneers.

This book is inspired by a passion for the natural principles of esthetics in dentistry. The state-of-the-art veneer procedures described in this atlas require neither reduction of tooth structure nor administration of anesthetic; the perfect smile can be delivered to patients in one painless appointment. Moreover, use of a wax-up/mock-up allows patients to preview the proposed smile makeover before committing to treatment. Full-color before-and-after cases demonstrate the use of no-prep veneers alone and in combination with other materials for PLVs are compared. The guides to alternative porcelain materials and their step-by-step applications make this book a practical and accessible guide for any clinician interested in providing minimally invasive esthetic treatment to their patients in the form of laminate veneers.

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This clinical atlas details anterior ceramic restoration to correct esthetic problems. Each case focuses on a distinct set of esthetic and dental conditions such as fracture, crowding, rotation, asymmetry, discoloration, contour, caries, or implant considerations, among others. The clinical images illustrate the procedure, step-by-step. This book is intended as a communication tool between the dentist, the ceramist, and the patient.

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Implant restoration in the anterior region represents a particular challenge for dentists because even the most functional implant cannot be considered a success if the patient is still unhappy with their smile. Attention must be given to ensuring a high survival rate and a low complication rate, without sacrificing esthetics. In this book, the authors pass on their experience based on well-documented clinical cases and discuss all relevant aspects from the biologic basics and planning to surgery to prosthetic restoration in this challenging area. Modern microsurgical procedures for the augmentation of hard and soft tissue and plastic periodontal surgery are a special focus.

This atlas synthesizes the latest technologic advances in esthetic dentistry and shows how to successfully integrate them into clinical practice, including photographic documentation, indirect composite chairside CAD/CAM restorations, and stable esthetic results.

A great feeling of fulfillment that inspires us in our medical profession is when we succeed in bringing back the smile and happiness to our patients’ faces as a result of esthetic dental treatment. To the knowledge that will be gained from reading this book, including how to abide by the prescribed rules and described procedures, we suggest a drop of passion be added as a necessary ingredient. All the data presented herein observe the standard principles of dental medicine, with a slight emphasis on the artistic aspects of the final outcome.

The power of the Global Diagnosis system is that the diagnosis leads to the treatment plan. This book explains this clinical approach and shows how to diagnose and treat patients based on five CORE questions. Subsequent chapters outline treatment options. The final chapter challenges the reader to treatment plan cases with this system. Included is a CD with the CORE template for record keeping and case presentation.
This book dives deep into dentofacial esthetics and teaches you how to evaluate each patient who walks through your door from the macro to the micro, focusing first on the big picture and then working your way to the minute details in order to treatment plan for the best possible outcome. The author’s goal is to educate dentists and orthodontists about what they should be seeing in order to yield maximally esthetic outcomes, taking into consideration concepts like esthetic balance and smile projection. This book will teach you to see the face and dentition in a different way, guiding you to understand what the problems are, how to think your way through them and put them in a perspective so that you and the patient can agree on the focus of treatment, and then how to choose the most appropriate and effective treatment methods. An invaluable resource for any orthodontist or esthetic dentist.

Bestseller

**Dentofacial Esthetics**
From Macro to Micro
512 pp; 2,500+ illus.; ISBN 978-0-86715-888-5;
£224 | €268

Guided by the philosophy of biomimetics, the authors combine sound biologic principles with an overriding respect for the natural intact tooth to achieve esthetic satisfaction with bonded porcelain restorations. Unlike traditional veneers, the approach described here draws upon the ideal hues, the subtle shades, and especially the intracoronal anatomy of the intact tooth to serve as a guide to reconstruction and as a measurement of success. From this perspective, a checklist of fundamental esthetic criteria is presented, and treatment planning, diagnostics, tooth preparation, laboratory procedures, adhesive luting procedures, and maintenance protocols are carefully detailed.

**Esthetic Rehabilitation in Fixed Prosthodontics**
Vol 2: Prosthetic Treatment – A Systematic Approach to Esthetic, Biologic, and Functional Integration
£230 | €280

This much-anticipated book presents the procedural phases required to achieve optimal results in the esthetic rehabilitation of patients in need of fixed prostheses. Communication between the clinician and the technician, which is essential to the esthetic, biologic, and functional integration of the prosthetic rehabilitation, is highlighted through a step-by-step presentation of all clinical and laboratory procedures. Chapters demonstrate methods to obtain accurate facebow recordings, impression materials and techniques, fabrication of provisional restorations, and incorporation of interdisciplinary therapies for ideal comfort and esthetics.

**Esthetics in Dentistry**
£144 | €178

A unique collaboration between 17 internationally renowned women dentists has resulted in an inspirational textbook on esthetics in modern dentistry. Illustrated with over 800 figures, the book presents a thorough overview of various aspects of esthetics, including orthodontics and orthognathics, implant therapy, restoration, rehabilitation, materials, trauma, and surgery. Each author also provides fascinating insights into her journey to become a successful female dentist in a male-dominated industry. The stories differ, but the results are the same – excellent patient care and excellent esthetics.

**Esthetic Clinical Case Studies**
Dilemmas & Solutions
£96 | €118

Focusing on the anterior dentition, the author demonstrates how a systematic approach can transform esthetic dilemmas into solutions. The pros and cons of various treatment options are presented in the comprehensive planning of each case. Copious clinical photographs detail every stage of treatment and show the latest techniques to refine esthetic results for success in any practice.

**Bioesthetics in Oral Rehabilitation**
£230 | €280

This book describes a how to create predictable and reproduce biomimetic restorations that harmonize with the remaining natural teeth. The authors analyze each phase of work, from the diagnosis and treatment planning to the cementation of the definitive restoration. All the essential components are covered, including occlusal analysis, soft tissue management, color selection, implant considerations, and guidelines for home maintenance.

**Bonded Porcelain Restorations in the Anterior Dentition**
A Biomimetic Approach
£148 | €189

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**Esthetic Rehabilitation in Fixed Prosthodontics**
Vol 1: Esthetic Analysis – A Systematic Approach to Prosthetic Treatment
£148 | €189

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Surgical concepts to handle esthetic failures in implant patients

Daniel Buser

Vol 1–5: £40 + VAT | £48 (each)
Vol 1–5: £148 + VAT | £189

The videos in this 5-DVD set present the surgical concepts used to treat the most common esthetic failures, such as malpositioned implants and facial bone defects. Techniques shown include the reverse torque technique to remove osseointegrated implants, full-thickness mucosal grafts, bone augmentation, and correct 3D implant positioning.

Contents: DVD 1: Implant removal technique in three patients | DVD 2: Failure of single tooth implant | DVD 3: Esthetic failure of two adjacent implants including a lateral incisor area | DVD 4: Esthetic implant failure in a site with two missing central incisors | DVD 5: Esthetic disaster case with three implants and a severe mucosal recession

Surgical concepts to handle esthetic failures in implant patients

Van B. Haywood

Tooth Whitening

Indications and Outcomes of Nightguard Vital Bleaching


Often patients present in the dental office unhappy with their smile but daunted by the prospect of costly, lengthy, and possibly painful dental treatment. In almost every case, bleaching is ideal as an affordable and noninvasive first step in esthetic treatment. In fact, for some patients, it is the only treatment necessary, for others, having whiter teeth is motivation to pursue further treatment, such as orthodontic or restorative procedures.

Tooth Whitening

Indications and Outcomes of Nightguard Vital Bleaching

Robert Sader | Michael Kann | Diether Reusch

Bleaching

Professional Tooth Whitening with Light

English/German language DVD-Video; NTSC/PAL; 21 min; ©2018; ISBN 978-3-86867-415-6; £30 + VAT | €36

Long-term tooth whitening is achievable when it is performed by trained dental staff, closely supervised by a knowledgeable dentist, and supported by good at-home oral care. It presents the causes of tooth discoloration, explains the differences between cosmetic and medical tooth whitening, illustrates the physical principles through 3D animation, and visualizes the step-by-step workflow of a tooth whitening procedure. In addition, a team of experts provides answers on how to consistently achieve long-term success in tooth whitening and explores some of the associated risks.

The Art of Treatment Planning

Rafi Romano (Ed.)

Dental and Medical Approaches to the Face and Smile

480 pp, 750 illus; ©2009, ISBN 978-1-85097-197-9; £188 | €220

Proper dissemination of knowledge in the dental specialties is currently one of the biggest obstacles to consistent improvement in care. This book examines the treatment-planning process from a multidisciplinary perspective in an effort to balance the very complex process of diagnosis with the need for simplicity and coherence. Innovations in techniques and materials appear on a daily basis. At the same time, patients today demand individualized treatment plans that address not only their dental and/or aesthetic problems but their self-image and personal expectations as well.

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The Art of the Smile

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Integrating Prosthodontics, Orthodontics, Periodontics, Dental Technology, and Plastic Surgery in Esthetic Dental Treatment


This book combines the latest approaches to esthetic treatment by the world’s top clinicians in prosthodontics, orthodontics, periodontics, dental technology, and plastic surgery. Lavishly illustrated, it offers a multidisciplinary perspective on diagnosis, treatment planning, integrating procedures for many common clinical situations. Specialists and general practitioners alike will learn much from this book’s multidisciplinary perspective on esthetic treatment.
The mastery of dentistry brings esthetic knowledge of the face that is applicable to more than just the teeth. In the process of performing a complete facial analysis, the practitioner can identify asymmetries and concerns localized to an area—such as the forehead, eyebrows, nose, or lower face—and offer Botox therapy to increase facial harmony. This book outlines the many clinical uses for Botox, with detailed illustrations and case presentations to support each procedure. The first part of the book covers systematic facial analysis, photographic documentation, and how to plan treatment. Special attention is paid to the anatomy and physiology of the face and the identification of injection points. Detailed treatment instructions for dosage, syringe type, and needle size are included for each procedure, as well as guidelines on how to evaluate results anthropometrically to determine whether esthetic treatment goals have been met.

In our esthetics-obsessed culture, patients are becoming more aware and demanding of dermal filler treatments. This book walks you through how to incorporate dermal fillers into your clinical armamentarium, starting with the basic characteristics of the materials and advancing to the injection techniques and clinical indications for their use. The author includes such fine detail as whether to use a needle versus a cannula and why you must understand the precise tissue layers of the face in order to effectively deliver this nuanced treatment. This book focuses on facial analysis as a crucial step in determining appropriate treatment, a philosophy that is carried through the entire book. An entire chapter is devoted to clinical cases illustrating the various facial regions and their appropriate filler applications, clearly demonstrating how to use the techniques presented to optimize esthetics and facial harmony.

Written by internationally renowned specialists, this book provides a practical, unique, step-by-step introduction to aesthetic procedural techniques for injectable skin fillers, with the help of 380 outstanding didactic photos and anatomical graphics. The reader can further access invaluable and practical argumentation video sequences online via the QR codes contained in the book. Authentic case histories for procedures in the mid-face, periorbital region, nasolabial folds, lips, marionette lines, and the neck and on the back of the hands are supported by photographic documentation. Detailed treatment instructions for dosage, syringe type, and needle size are included for each procedure, as well as guidelines on how to evaluate results anthropometrically to determine whether esthetic treatment goals have been met.

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In recent years, treatment with platelet-rich plasma, already firmly established in the treatment portfolio of orthopedic medicine, has also gained increasing popularity in aesthetic dermatology. It involves the targeted work-up of blood components, namely the platelet-rich fraction (PRP) of the patient's own blood plasma, which is then re-applied. Sensational before-and-after images of treatment triumphs, stimulated expectations and interest in this method throughout the world. There are now numerous studies which substantiate the effect of PRP in aesthetic medicine. All the relevant aspects of PRP application are described in this Illustrated Guide. In addition to basic principles, possibilities and limits, it also provides a practical presentation of current systems for PRP harvesting. Striking photographic case histories extending over the course of several months demonstrate both the potential and the limitations of this method.

Written by a team of internationally renowned authors, the book provides a practical and unique, step-by-step introduction to chemical peels with the help of 368 outstanding didactic photos and anatomical graphics. Starting with basic current knowledge, the book provides photographic case histories covering the entire range of chemical peels, from superficial to deep, and demonstrated in detail. The basics section of the book describes the active substances, methods, pre- and post-treatments and combined therapy options. Photographic case histories confirm the authentic benefits and efficacy of mesotherapy.

The Illustrated Guide to Eyelid and Peribulbar Surgery uses the tried-and-tested concept of "hands-on" teaching, communicating practical knowledge to the specialist with a structured approach and eye-catching illustrations. Aspects of eyelid correction are presented from the expert's point of view, starting with the anatomical details of the eyelid region, via pre- and postoperative management and all the way to the individual surgical procedures. The instructions are clear and vivid, so they can be readily and independently implemented by the reader. Basic cutting and suturing techniques are taught using intraoperative photographs and high-quality illustrations. Individual indications are tackled with regard to individual planning, the operation and complication management.

There have been significant advances in the use of Botulinum toxin since the first edition of this book. In the meantime, it has become the treatment of first choice in a variety of indications, and is now also a firmly established therapy option in many additional indications in neurology, pediatric medicine, dermatology, urology and the treatment of pain. In its new edition, the Atlas retains its tried and tested structure: the key muscles which can be treated with Botulinum toxin are presented individually. A few muscles, such as the deep muscles of the neck, have been added. All these structures are grouped according to body region and illustrated with the aid of elaborate anatomical drawings. Of course, the revision takes into account new findings of recent years, especially the establishment of sonography as the most important tool for rapid orientation and safe injection.
QDT 2020 presents original articles introducing clinical and laboratory techniques for optimal esthetic results with newer dental materials. Digital dentistry is featured throughout, with articles offering innovative ways to incorporate a combined digital/analog approach to build character and natural esthetics in CAD/CAM restorations. The 3D-printed interim immediate complete denture, self-glazing liquid ceramics, Inside Out technique, and 3D Magic Makeup are but a few of the novel procedures featured in this beautifully produced annual resource for the laboratory technician and restorative clinician.

QDT 2018 presents original articles with a beautiful array of images showcasing the year’s newest techniques, materials, tools, and innovations. This year’s focus is decidedly digital—digital treatment planning, digital communication, and digital multidisciplinary workflow for esthetic and functional rehabilitations. Minimally invasive techniques are highlighted throughout, including their use for full-mouth rehabilitation and to restore the morphology of teeth damaged by wear. A special “how-to” article on focus stacking macro photography by Carlos Ayala Paz is the first to be published specific to dentistry.

QDT 2017 celebrates its 40th anniversary in style with beautifully presented original articles on new materials and techniques for achieving the utmost esthetic restorative results. This year’s focus is on challenging esthetic cases, treatment planning for various restorative options, new techniques using zirconia, and taking CAD/CAM beyond its limits. The state of the art article presents the RAW digital workflow, and the Biomaterials Update features the Adhesive Restorative Complex concept. QDT’s new Masterclass article addresses the challenge of restoring a single central incisor. And the Masterpiece article this issue, presented by Naoki Hayashi, is a visual display of dental artistry.

This book reviews practical solutions to clinical problems in prosthodontics and emphasizes the fundamentals necessary to elicit efficiency and success with every prosthetic protocol. The author demonstrates each step of prosthetic rehabilitation, starting with accurate impression taking, cast preparation and articulation, record taking, and thorough treatment planning. The sequences for fixed prosthodontic restorations are detailed in both arches for posterior full-coverage crowns, anterior porcelain-fused-to-metal crowns, and porcelain laminate veneers. Comprehensive illustrations complement the descriptions. This atlas outlines the theories, skills, and therapeutic philosophy that are crucial to achieving excellence in prosthodontic rehabilitation.

The second volume in the series reviews practical solutions to clinical problems in prosthodontics to achieve success in prosthetic protocols. The author covers tooth preparation for a fixed partial dentures, provisional prostheses, gingival retraction, custom resin trays, final impressions, try-in and cementation, and occlusal adjustment and analysis. Comprehensive illustrations complement the descriptions.
designed strategies with a comprehensive approach to address patients’ esthetic, prosthetic, long-term results of the authors’ unique treatment philosophy that combines carefully influential clinicians. Featuring more than 150 cases, this ambitious book documents the approach to the treatment of highly complex cases by two of Japan’s most respected and This exceptional work describes and illustrates the long-range (spanning 15 to 23 years) been added, along with precise ways of making removable dies. application of magnetic attachment. For implant bodies, fractured roots, and denture repair. An essential guide for the clinical solutions for many clinical situations. This book covers the fabrication of attachments When used in well-designed prostheses, magnetic attachments provide straightforward principles of biomechanics it is based upon. Topics include components of RPDs and their functions, design sequences for maxillary and mandibular RPDs, and techniques for surveying and determining the most advantageous treatment position. A chapter dedicated to digital design and manufacturing of RPD frameworks highlights new technology in this emerging field. Additional topics include optimizing esthetic outcomes through attachments and rotational path RPDs as well as applying the RPI system to patients with maxillofacial defects.

This book presents, concisely and precisely, what has to be considered and what must be avoided in order to be successful with single-retainer RBFDPs replacing incisors. Although the method is technically sensitive, it is simple and extremely reliable when adequate procedures are employed. In the meantime, even the replacement of canines and premolars appears to be promising if the principles outlined in this book are applied. Numerous highquality figures detail the procedures for metal-ceramic and all-ceramic RBFDPs. Many illustrated cases, some with 20 and more years of follow-up, document the development of the success story of RBFDPs.

This book shares expertise from the biomaterials, industry, clinical, and laboratory perspectives and provides readers with the tools to judge the research presented in the literature and incorporate best practices and advances in materials and technology into their armamentarium in a way that will benefit their patients. Clinical topics range from examination and treatment planning to mouth preparation and service in contemporary dental practice with an emphasis on clinical and design aspects. This classic prosthodontic textbook provides an overview of removable partial denture patients and emphasizes the biologic, psychologic, and social dimensions of care. Innovations in immediate loading, ceramic materials, and 3D imaging allow more predictable and successful outcomes.
Dental Anatomy and Morphology

Hilton Riquieri

This book conveys not only the practical knowledge of dental anatomy but also the art of recreating it in a dental prosthesis. The author demonstrates that for every morphologic feature there is an explanation in nature, assigning significance to every minute feature of dental morphology. Organized by tooth and region, this book views morphology through a clinical lens and repeatedly draws connections between anatomical features and clinical concepts. The fundamental knowledge presented in this text is essential as a foundation for further clinical skills and will be useful for students and specialists alike.

Challenging Nature

Paulo Kano

This book guides readers, step-by-step, through the author’s revolutionary wax-up technique to recreate the complex morphology of premolar and molar teeth. Lavishly illustrated throughout, each chapter builds technical knowledge with chapters on nomenclature, morphology, wax handling and application, functional wax-up sequences for maxillary and mandibular dentition, and adhesive cementation and culminates in a series of impressive clinical cases. A must-have resource for any dental technician wanting to review occlusal form and improve the functional morphology of posterior restorations.

Atlas of Dental Rehabilitation Techniques

Romeo Pascetta | Davide Dainese

This atlas is intended to be an accessible and quick-to-consult volume where the reader can find useful suggestions for many techniques, from not-always-simple single-tooth restorations to large rehabilitations that present complexity in terms of precision, functionality, and esthetics. Performing the illustrated techniques correctly and choosing the right materials, together with the use of emerging technologies within the field, can guarantee dental technicians and their teams successful prosthetic restoration and patient satisfaction.

Nature’s Morphology

Shigeo Kataoka | Yoshimi Nishimura

To attain a natural look in ceramic restorations, the technician must be able to successfully reproduce three critical aspects of a natural tooth: single-tooth morphology, tooth alignment, and natural tooth color. This beautifully illustrated atlas provides technicians with images and information that will help them produce functional and esthetic restorations.

Inspiration

Luiz Narciso Baratieri

This stunning atlas represents over 25 years of dedicated study into the optical behavior of teeth and restorative materials. Although the authors wow readers with dazzling photography throughout, this book moves beyond a mere clinical art book that only shows what is possible. The practical purpose of this book is also to outline the clinical sequences of how to use composite resins and dental ceramics to achieve the optical characteristics observed so exquisitely in natural teeth. By blending art and dental science, the authors have created an ultimate textbook on dental anatomy and restorative dentistry that explores the underlying makeup of the layered structures of the teeth.
Part 1 describes how to identify existing problems by gathering, organizing, and analyzing information obtained during clinical examination. Examination checklists and forms are included to ensure that no important information is left out during the evaluation process. Part 2 focuses on providing solutions to identified problems via restorative treatment options, highlighting the use of implant-supported restorations in the treatment of both partially and completely edentulous arches. Part 3 details how to present treatment options to the patient and includes aspects related to patient education, treatment plan presentation, and obtaining informed consent from the patient.

This textbook presents a methodic and scientifically based approach to fixed prosthodontics. By addressing the strategic, operational, and technical aspects of prosthetic dentistry, the author outlines the clinical steps of restorative dentistry and simplifies the complex concepts that students struggle with in the early phases of professional development.

Every aspect of treatment is addressed, including diagnostic procedures, choice of implant and abutment types, data transfer to the laboratory, laboratory procedures, surgical procedures, choice of restorative materials, delivery of the provisional and definitive prostheses, complication management, and instructions for hygiene and follow-up care.

This atlas reviews 75 different types of attachments. The classification of these connectors by concept (function; mechanism; and location, such as intracoronal, extracoronal, on bars, or for overdentures) allows for better clinical decision-making and improved communication between dentists and laboratory technicians. Laboratory procedures are detailed step by step.

For a quarter of a century, this classic textbook has introduced students of dentistry and dental technology to the theory and step-by-step technical procedures for physically constructing an esthetic metal-ceramic restoration. As always, it illustrates how to achieve esthetic results to rival those of all-ceramic materials through treatment planning, clinical procedures, and dental laboratory steps executed at their highest levels.

This DVD presents a restoration technique that stabilizes complete dentures on a prefabricated prosthetic bar supported by two implants. This approach allows for immediate prosthetics without the need for custom retention elements. Immediate loading is possible because the retention bar ensures primary stability and the locking mechanism eliminates unwanted retraction forces.
Mandibular Suction-effective Denture „The Professional”
Clinical and Laboratory Technique for Class I/II/III with Aesthetics
188 pp, 191 illus.; ©2019. ISBN 978-4-7812-0676-9; £108 | €120

This updated edition with an emphasis on a truly multidisciplinary approach provides the reader with insights into the latest developments in reconstructive surgery, maxillofacial prosthetics, and dental care. New chapters present information on digital technology and tissue engineering, and all chapters have undergone significant revision, reflecting the advances in the use of implants and free vascularized flaps. The reader will take away practical knowledge of state-of-the-art treatment approaches.

Jiro Abe | Kenji Iwaki | Tetsuya Sudo | Kyoko Kokubo

Rowida Abdalla
Waxing for Dental Students
88 pp (spiral bound); 388 illus.; ©2018; ISBN 978-0-86715-773-4; £45 | €58

This concise book is directed to first-year dental students and can be used as a primary laboratory manual. The bulk of the book details the steps for waxing incisors, canines, premolars, and molars. Each chapter includes an introductory waxing exercise, followed by the key points of morphology for the tooth in question. Photographs detail the waxing steps and show how the wax-up should mimic the contralateral tooth. The logical and straightforward protocols in this book will help dental students quickly improve their waxing skills and reach expected goals.

Stefano Inglese
Aesthetic Dental Strategies
Art, Science, and Technology

In this beautifully illustrated volume, the author explains how to achieve natural tooth forms through simple observation in order to create dental restorations that look natural. All the optical properties that must be recreated in restorations to achieve lifelike results are analyzed, and clinical cases provide practical application of these concepts.

John Beumer III | Mark T. Marunick | Salvatore J. Esposito (Eds.)
Maxillofacial Rehabilitation
Surgical and Prosthodontic Management of Cancer-Related, Acquired, and Congenital Defects of the Head and Neck

This updated edition with an emphasis on a truly multidisciplinary approach provides the reader with insights into the latest developments in reconstructive surgery, maxillofacial prosthetics, and dental care. New chapters present information on digital technology and tissue engineering, and all chapters have undergone significant revision, reflecting the advances in the use of implants and free vascularized flaps. The reader will take away practical knowledge of state-of-the-art treatment approaches.

Michael I. MacEntee
The Complete Denture
A Clinical Pathway

This manual shows how to effectively rehabilitate edentulous patients, step by step. With a focus on accurate diagnosis of systemic and local problems as well as prosthetic design, the author outlines a standardized path to mastering the art of fabricating a complete denture.
The introduction delineates the distinction between science and the clinical art, application of the best available evidence, the scientific method and poses basic clinical questions related to the challenges of restoring the dentition and the dental occlusion.

The first section of the text covers evolution of the masticatory system, growth and development, neuromuscular physiology, orofacial pain, neuroplasticity and biopsychosocial concepts of pain and TMD. The second section addresses fundamentals of occlusion: functional anatomy of muscles, TMJs, mandibular dynamics, the class I occlusion and fundamentals of esthetics. Natural variety of morphologic skeletal, dental, occlusal variants and occlusal interferences are covered in a separate chapter. The three major components of the masticatory system, posterior occlusal support, vertical dimension of occlusion and anterior (excursive) guidance are each addressed in separate extensive chapters reviewing each topic in depth. The third clinical section starts with chapters on occlusion in implant dentistry and dental articulators. The following chapter presents current diagnostic and treatment planning methodologies followed by chapters on restoring class I, II, and III dentitions and aberrant jaw relations. A special chapter on esthetic perspectives features three invited international renowned clinicians presenting cases representing esthetics and the current highest state of the clinical art. Further chapters detail the restoration of the periodontally involved dentition, treating and restoring severe tooth wear and bruxism, implant supported restoration and computer assisted implant planning and placement, and finally the management of temporomandibular disorders.
Sleep medicine is a highly specialized field within the broader context of sleep disorders. It involves understanding the complex interactions between the central and peripheral nervous systems, as well as the role of emotional and behavioral factors in the development of bruxism. The treatment of bruxism can be approached from multiple perspectives, including pharmacological, psychological, and surgical interventions.

The book "Sleep Medicine for Dentists: An Evidence-Based Overview" by Gilles J. Lavigne, Peter A. Cistulli, and Michael T. Smith, is highly recommended for dental practitioners. This book provides a comprehensive overview of bruxism, including its epidemiology, pathogenesis, and clinical manifestations. It also covers the management of bruxism, with an emphasis on evidence-based approaches.

The book "Bruxism: Theory and Practice" by Daniel A. Paesani is another valuable resource. It offers a detailed examination of bruxism, covering its etiology, diagnosis, and treatment. The book is well-structured and includes practical guidelines for practitioners.

"Understanding Bruxism: Current Knowledge and Practice" by Jean-François Lalague and Daniel Brocard is a comprehensive guide to bruxism. It covers the latest research findings and practical strategies for managing bruxism in patients.

The "Clinician’s Handbook for Dental Sleep Medicine" by Ken Berley and Steve Carstensen is a valuable resource for dental professionals interested in sleep medicine. It provides a practical and evidence-based approach to the treatment of sleep disorders, including bruxism.

The "Clinician’s Handbook for Dental Sleep Medicine" by Ken Berley and Steve Carstensen is a valuable resource for dental professionals interested in sleep medicine. It provides a practical and evidence-based approach to the treatment of sleep disorders, including bruxism.
Clinical oral physiology is the part of dentistry linking physiological and pathophysiological knowledge to a variety of frequently encountered problems in dental practice. These include, for example, disturbances affecting saliva formation, taste, chewing, swallowing, speech and also orofacial pain. The present textbook provides a comprehensive overview of the underlying basic physiological mechanism and their clinical implications. The easily-read and systematic format of the book targets dental students as well as clinicians who want to be updated with the latest scientific achievements on this topic.

**Clinical Oral Physiology**

Timothy S. Miles | Birgitte Nauntofte
Peter Svensson

298 pp; 76 illus.; ©2004; ISBN 978-1-85097-091-0; £50 | €68

Orofacial Muscle Training During the Provisional Restoration Therapy

Hajime Igarashi | Senichi Suzuki
Masaafumi Wakita | Taichiro Shono
Taiichiro Morimoto | Kyonori Ari (Eds.)

160 pp; 60 illus.; ©2017; ISBN 978-4-7812-0490-1; £78 | €100

**TMDs**

An Evidence-Based Approach to Diagnosis and Treatment

Daniel M. Laskin | Charles S. Greene
William L. Hylander (Eds.)


This multidisciplinary textbook presents a unique approach to diagnosis and management of the various temporomandibular disorders. Written by a large group of eminent researchers and clinicians, it links current scientific concepts of basic anatomy, physiology, biomechanics, and pathology of the temporomandibular joint with specific diagnostic and treatment protocols that are based on sound clinical data. Thus, in keeping with the current thrust in medicine and dentistry, the book provides access to the best available evidence so that clinicians can make informed rather than empirical decisions about what is appropriate therapy. Where lack of data or rapid changes in a particular discipline do not allow for evidence-based conclusions or recommendations, the book highlights the areas of agreement and disagreement in order to expose the deficiencies in our present knowledge base.

**TMDs: Bridging the Gap Between Advances in Research and Clinical Patient Management**

Charles S. Greene | Daniel M. Laskin (Eds.)


This book bridges the gap for the clinician, applying the latest scientific research to the clinical treatment of TMDs, with focus on the anatomy, biochemistry, neurophysiology, and psychology of the common disorders. Each chapter discusses present knowledge in the particular field before explaining how it may apply to the diagnosis and treatment of TMD patients. In addition, every chapter provides an overview of new research in the field and its potential for changing future patient care. Covering such clinically relevant topics as the relation of abnormal joint function to joint pathology, the prediction of treatment responsiveness, how sleep disorders affect TMJ and facial pain, the role of comorbid conditions in pain response and management, and the evolving field of pharmacotherapeutics.

**The Muscle Book**

Klaus-Peter Valerius | Astrid Frank
Bernard C. Kolster | Christine Hamilton
Enrique Alejandre Lafont | Roland Kreutzer


The Muscle Book is a reference for all those who work with the locomotor apparatus: physicians, physiotherapists, athletes, students of sport, occupational therapists and alternative practitioners. The text is a collaborative effort by an interdisciplinary team of authors consisting of anatomists, medical professionals, researching and practicing physiotherapists, athletes and numerous advisers.

Flossing has been known as an effective muscle-building tool for longer than that: in 2004, the Japanese authors Takarada and Tsuruta described the positive association between flossing and low-resistance muscle building. How does flossing exert its effect? Among other things, flossing produces rapid pain relief by influencing the fascia or fascia system without exposing the body to medication. The method’s possibilities and limits, along with its theoretical basis, are described in detail in this book. Flossing as a practical treatment is demonstrated with step-by-step explanations. This ensures that each flossing wrap and active exercise is easy to understand and can be readily implemented. With the aid of the treatments demonstrated in the book, flossing practice can be learned easily and safely, allowing the reader to experience its amazing potential in controlling pain and building muscle.

**Flossing**

Roland Kreutzer | Klaus Stechmann
Henrik Eggers | Bernard C. Kolster


**The Muscle Book**

Enrique Alejandre Lafont | Roland Kreutzer
Klaus-Peter Valerius | Astrid Frank


**Orofacial Muscle Training During the Provisional Restoration Therapy**

Volume 1: Facial Profile Analysis, Classification, and Training

Taichiro Morimoto | Kiyonori Arai (Eds.)

160 pp; 60 illus.; ©2017; ISBN 978-4-7812-0490-1; £78 | €100

The authors of this book bring a decade of research on how to recover the patient’s lost function with implant placement and immediate loading. In addition, orofacial muscle training in conjunction with an immediately loaded implant-supported provisional restoration improves the appearance of the face and the function of both facial expression and masticatory muscles. This book is the clinician’s guide to creating treatment goals together with patients.
Using simplified cephalometry and treatment mechanics, the introduced New Straight Wire (NSW) technique uses a table to systematically calculate and plan the necessary tooth movements before treatment, following the same parameters for each and every patient regardless of malocclusion. The treatment is therefore “verified” before beginning, the teeth can be placed in the planned positions to check that the resulting occlusion satisfies esthetic and functional goals for each individual patient. This book therefore teaches how to achieve Class I molar occlusion with proper overjet and facial esthetics every time, regardless of the pretreatment condition.

This book presents the essentials of orthodontic treatment using mini-implants: selection, placement, biomechanics, diagnosis, and treatment strategies. The authors detail the biomechanical application of mini-screw-supported alveolar anchorage in precise and effective therapeutic protocols to treat every type of malocclusion, including orthodontic movements that were difficult or even impossible to achieve previously. The authors also discuss the management of mini-implants in multidisciplinary treatment. With clearly defined indications, codified protocols, and reproducible therapeutic efficacy and clinical results, this book details a full-fledged treatment system.

This book defines all cephalometric landmarks on a skull or spine in both 2D and 3D and then identifies them on radiographs. Each major cephalometric analysis is described in detail, and the linear or angular measures are shown pictorially for better understanding. Because many orthodontists pick specific measures from various cephalometric analyses to formulate their own analysis, measures are organized relative to the skeletal or dental structure and then compared or contrasted relative to diagnosis, growth, and treatment. Cephalometric norms are also discussed relative to treatment and esthetics. The final chapter shows the application of these measures to clinical cases.

This book outlines the guiding principles of clinical therapy to maintain or recover function as part of orthodontic treatment. The author presents carefully weighed diagnostic approaches and functional recovery therapeutic procedures. The importance of thorough diagnostic imaging for individualized treatment is emphasized in two phases: musculoarticular therapy and orthodontic occlusal finishing. A discussion of the use of various splints focuses on successful use of the six-point and anterior repositioning splint.
Clear aligners are the future of orthodontics, but digital orthodontics evolves so rapidly that it is hard to keep pace. This book approaches clear aligner treatment from a diagnosis and treatment-planning perspective, discussing time-tested orthodontic principles like biomechanics and anchorage and demonstrating how to apply them to orthodontic cases using these appliances. Each chapter explains how to use clear aligners to treat a given malocclusion and teaches clinicians how to program a suitable treatment plan using available software, how to design the digital tooth movements to match the treatment goals, and finally how to execute the treatment clinically and finish the case well.

This excellent manual details the solutions possible through the use of the STb light lingual system and its innovative variable friction lingual bracket. The authors detail improvements such as improved patient comfort, increased predictability of results, shortened treatment times, and decreased laboratory work.

The aim of this book is to describe this new therapeutic procedure. Chapter by chapter we will present the technique, covering materials used, clinical procedure in forming appliances, bonding to dental surfaces, and subsequent monitoring. Detailed analysis will be provided of the forming, activation, and bonding of appliances in the control of specific tooth movements.

This book is based on more than 30 years of scientific and clinical work with the Herbst appliance, which was developed by Kesling in 1945 and has since then become an indispensable tool for diagnosis and occlusion at the end of treatment. Although the orthodontic setup was first described in 1970, it is very difficult for orthodontists to provide orthodontic technicians with precise objective information on the final position of the teeth. Orthodontic technicians must therefore draw on their personal experience, know-how, and best professional practices.

This book provides an in-depth look at the clinical applications of the Invisalign system. Every step of the treatment process is illustrated: from impression taking and image acquisition to virtual diagnosis through digital 3D treatment planning. In addition, the technology behind the Invisalign System—including software, appliance design, manufacturing, material properties, biomechanics, and periodontal response to treatment—is presented.
Although most orthodontic curricula provide courses on interdisciplinary orthodontic-periodontic treatment, there are still surprisingly few resources on the topic. Written by leading scholars in the field, this book provides a broad analysis of the topic from both the periodontal and orthodontic perspectives. The authors systematically analyze the scientific and clinical interactions of these specialties by reviewing all the available evidence and using case studies to demonstrate principles discussed in theory. The result is a text that outlines the treatment fundamentals and shows how to improve the therapeutic outcomes involving orthodontic-periodontic interventions.

The first three chapters deal with the historical aspects of retention, the biological basis for relapse, and the available evidence on retention; the next six chapters cover the stability and relapse tendency of orthodontic treatment of incisor irregularity, class II, class III, transverse, and vertical problems, as well as orthognathic surgery outcomes; the final four chapters cover retention protocols and materials, including removable and fixed retainers, the materials and biomechanics of fixed retention, and the long-term effectiveness of fixed retainers.

This book presents readers with the information necessary to understand the morphogenesis of orthodontic problems, to differentiate among various conditions, and to apply early intervention approaches to optimal effect. This book cuts through the controversy surrounding early versus late treatment and shows that clinicians must decide on a case-by-case basis when to provide orthodontic treatment.
This evidence-based textbook presents the essential communication strategies clinicians should know to facilitate interaction with patients. With a focus on practical strategies instead of dense communication theories, the authors facilitate improved patient-provider communication and demonstrate how to elicit accurate patient information during the health interview, communicate effectively during examinations and procedures, and present preventive and restorative treatment plans from a patient-centered perspective.

Dental clinicians have a responsibility to teach patients the importance of oral health care, and this book shows adult patients what can happen if they neglect their teeth. It presents full-page images to show what plaque, decay, and gingivitis look like and how they can contribute to periodontal disease and tooth loss. It also instructs the reader on the proper brushing and flossing techniques to prevent such negative outcomes. With the combination of exquisite clinical images and descriptive yet succinct text, What’s In Your Mouth? Your Guide to a Lifelong Smile is an excellent chairside tool for patient education on oral hygiene.

In order to respond to the wishes and demands of dentists’ existing and potential patient populations, learning how to build and manage this segment of the practice is essential. In order to respond to the wishes and demands of dentists’ existing and potential patient populations, learning how to build and manage this segment of the practice is essential. The purpose of this book is to provide dentists with the guidelines and strategies to make that happen. Along with Drs Greenwall and Jameson, the reader will hear from some of the best aesthetic dental practitioners from around the world. Each chapter is interspersed with their organizations. Outstanding members of their teams give you their insights along with the thoughts and reflections of the dentists.

Written as a novel, this story reveals how to improve your practice in a few weeks and achieve exponential growth in the first 4 years. Dental practitioners and their staff will find this engaging story an easy and fun way to learn how to implement powerful, scientifically based project management principles into their practice. The story provides a relatable way to understand the approach presented, which encourages dentists and their staff to resist complicated management strategies and cost-cutting techniques and instead implement common sense measures based on an understanding of the cause and effect that occurs when changes are made in a practice.
The proportion of elderly adults is rapidly increasing as life expectancy increases. Many of these adults will not retain sufficient numbers of teeth for the remainder of their lives, and will require complete dentures at some point. This book deals with the planning, construction and review of complete dentures and examines the role of osseointegrated prostheses in the management of edentulism.

Oral medicine is a subject of increasing importance in dentistry, permeating virtually all areas of clinical practice. This book covers the main concepts of oral medicine in a practical manner, allowing the reader to develop an understanding of the investigation and management of the various nonsurgical conditions that can affect the oral tissues.

This book concisely outlines the clinical advantages and disadvantages as well as indications and contraindications of different materials. Topics include finishing and polishing restorations and the use of dental curing lights.

Imaging is key to clinical practice. To maximize the potential benefit to their patients, clinicians need to understand how contemporary imaging systems work. This book offers a comprehensive introduction to state-of-the-art dental imaging, in particular to the complexities of digital radiology and the advanced techniques available for cross-sectional imaging.

After clinical history-taking and examination, radiography is the “third way” of diagnosis, and dentists face the daily task of interpreting radiographic images to help in patient management. This book aims to give a comprehensive guide to reading x-ray images in dental practice and concentrates on intraoral radiographs. The text builds on a strong foundation of anatomical knowledge and is reinforced by the authors’ experience of the radiological appearances that frequently challenge dentists.
Infection control is central to the clinical practice of dentistry. This book deals with infection control risk, medical histories and personal protection, surgery design and equipment, instrument decontamination, disinfection and ethical and legal responsibilities in infection control. It explains the reasons why we perform infection control and practical ways to do it and will be of interest and practical help to all the dental team.

Practitioners who use panoramic radiography have an obligation to keep abreast of the indications and clinical justifications for its use. They also must have knowledge of relevant radiation doses, risks to patients, and quality assurance protocols. This book addresses each of these issues in addition to providing practical guidance on its everyday use.

The dental team approach is the future of oral healthcare provision. Team members must have shared goals, understand their roles and responsibilities and must react to situations as a team. This book promotes the adoption of the team approach so important in modern oral healthcare provision.
Managing Endodontic Failure in Practice, provides a concise, practical overview of the “when” and “how” to save teeth with an unsatisfactory, and often deteriorating endodontic outcome. From diagnosis to the monitoring of successfully retreated teeth, Managing Endodontic Failure in Practice is clearly the work of an endodontist “in the know” and “up to speed” on the latest thinking, developments and techniques.

Rational Root Canal Treatment in Practice has been written to help all those practising endodontics to meet this challenge. From anatomical considerations through the “thrill of the fill” and pointers to long-term outcomes, the many complexities of state-of-the-art endodontics are explained and beautifully illustrated in most careful detail.

Dental erosion is increasingly common. Its effects can be profound with lifelong consequences for the general and dental health of affected individuals. This book seeks to provide a framework of knowledge, in an easy-to-use format, to enable the dental team to manage effectively those with dental erosion. A concise, evidence-based approach is adopted that is illustrated with examples of real cases. Many useful practical tips on treating such patients are given.

This easy-to-digest book offers expert guidance in each of the procedures involved in preparing for and placing indirect restorations. Written for students and novices, it walks readers through the steps of tooth preparation, shade taking, fabrication of the provisional restoration, impression taking, assessment of the occlusion (with and without an articulator), and crown placement. Clinical advice and expert tips for managing each phase make this book a valuable adjunct to the training one receives in dental school.

Dentin bonding systems, composite resins, and fiber posts have widely replaced cast posts and amalgam as core materials. In addition, all-ceramic and composite crowns have replaced metal ceramic crowns for aesthetic restorations. This book provides the general practitioner with some principles and techniques for the adhesive restoration of endodontically treated teeth.

As our ageing population retain more teeth into old age, the burden of dental maintenance increases. This text presents an overview of these challenges facing the dentist and how edentulousness in old age can be prevented with long-term treatment planning. Treatment strategies designed to minimise risk to the remaining natural dentition are also described.
commencing with the patient’s first visit. Risk-factor identification is introduced prior to a step-by-step guide to diagnosis, of the periodontium, how the host responds to periodontal pathogens, and reclassifies the diseases and their assessment and diagnosis in dental practice. It provides a visual tour as the guiding principle to categorization. Illustrated text attempts to guide the reader through over 100 conditions using their clinical manifestations of systemic diseases and syndromes. It reminds us of the often forgotten plaque-induced conditions/lesions of the periodontal tissues, including the periodontal tissue forms of oral surgery is made, principally that in periodontal surgery, the contour and quality of the tissues post-operatively is vital to longer-term success and therefore careful soft tissue management is pivotal.

This book aims to bridge the gulf between the complex pathobiology of periodontal diseases and their assessment and diagnosis in dental practice. It provides a visual tour of the periodontium, how the host responds to periodontal pathogens, and reclassifies the diseases. Risk-factor identification is introduced prior to a step-by-step guide to diagnosis, commencing with the patient’s first visit.

Non-surgical treatment of patients with gingival and periodontal diseases can be undertaken by the general dental practitioner through the management of common and well-established risk-factors and the use of treatments adjunctive to conventional methods of scaling and root surface instrumentation. The goals and objectives of these procedures and the importance of supportive periodontal care are fully examined in this book. From patient assessment through to managing complications and emergencies, with chapters on surgical principles, relevant pharmacology and the various types of surgery undertaken in clinical practice, the text is logically structured, easy to read, exceptionally well-illustrated and peppered with practical guidance.

This is a practical guide to the management of the patient from childhood through to young adulthood with gingival and periodontal diseases. It provides a simple step-by-step approach to periodontal diagnosis and subsequent management for the general dental practitioner, emphasising the value of teamwork and including an awareness of when to treat and when to refer to a specialist periodontist.

High-quality dental patient management demands an appropriately skilled team. It is the general dental practitioner’s responsibility to co-ordinate the team and to take overall responsibility as the team leader. Your team provides all the specialities necessary to achieve a stable, functional, aesthetic masticatory unit, which not only encompasses the management of periodontal disease, but integrates a treatment plan the patient can maintain.

Control of anxiety and pain is fundamental to the practice of dentistry, but the clinical experience of dental graduates in the UK in the administration of both inhalation and intravenous conscious sedation can be limited. This book examines the pharmacology and principles of safe sedation practice, basic physiology and anatomy of the respiratory and cardiovascular systems, standards of good practice and medicolegal considerations.
This book presents a review of demographic changes in the partially dentate population, the increasing availability of alternative treatments, and evidence for the long-term effectiveness of partial dentures. In addition, it provides evidence-based guidelines that practitioners can apply to the design, preparation, completion, and maintenance of removable partial dentures in their everyday clinical practice.

The practice of fixed prosthodontics has undergone many changes in recent times with significant developments in dental materials and principles of adhesion. However, tooth preparation is still guided by the need to preserve tooth tissue, generate space for restorative material and reshape the tooth to a cylindrical form with a defined finish line. This book carries these principles as a common theme and delineates the stages of prosthesis construction.

This best-selling book adopts a clinical approach to understanding occlusion and demystifies it for dentists and students. An accompanying narrated DVD ROM provides 3D animations that clarify the effects of jaw movement. Comprehensive clinical videos demonstrate the process of investigating and managing real-life occlusal problems. This is an essential guide to understanding occlusion.

This volume is not intended to serve as a definitive textbook on aesthetic dentistry; rather, it provides tips and hints designed to help practitioners improve their practice of everyday aesthetic techniques. The basic theories underlying the advice presented are also well explained.

Increased media attention and research have heightened awareness of dental implants as an option for missing teeth. The general practitioner is now expected to offer implants when discussing restorative treatment with patients. This book aims to explain current best practice in the principles of patient assessment and treatment planning, implant selection criteria, and surgical and restorative treatment protocols for achieving optimum functional and cosmetic results according to each individual patient's clinical needs and requirements.

Dentistry can provoke great apprehension in children, and successfully managing younger patients presents both the greatest challenge and the greatest reward for a dentist. This book is less about child taming and more about training the dental team and parents to work together to ensure that children's visits to the dentist are pleasurable experiences.

Teeth are important to children, particularly primary teeth. What can be done in the dental surgery to prevent disease? Moreover, the anatomy of primary teeth results in pulpal change faster. Fortunately, restorative techniques are simpler. This book unravels the modern theories of cariology and provides simple step-by-step guides to restoration.
Within the human body, cell communication, visualizing the invisible yet fascinating world of signals and signaling is amenable to presentation by computer animation. The present film, with its stunning visualizations with special highlights for every viewer, will open up interesting teaching and training perspectives. For the first time, scanning electron microscopic images of real cells will be visualized into the circulation. This new film features an interdisciplinary topic, and in this context, special attention is given to diseases such as atherosclerosis or diabetes. This innovative genre is a module of the 3D film series “Cell-to-Cell Communication,” representing an all-new genre, has set out to meet. A spectacularly sophisticated computer animation in HD quality depicts the highly complex processes of intercellular interaction during an inflammatory periodontal reaction complete with the messenger molecules implicated. The various cell types constitute the main cast of the film, using a finely tuned communication process in their quest to destroy the bacterial invaders, with messenger molecules as supporting cast. A stunning didactic and dramatic experience.

Unlike bone, which undergoes remodeling by resorption followed by bone apposition, teeth are not subject to physiological remodeling. They are remarkably resistant to physiological remodeling processes. The reason for this is found in the periodontium and cementum. The mechanisms that take effect in this area and the effectiveness of the periodontal system—consisting of gingiva, alveolar bone, periodontium and cementum—after injuries will be visualized in the scientific 3D film “Periodontal Regeneration.” The visualization of these complex processes is of great interest for academic teaching as well as for the clinician and general practitioner as the cellular interactions are presented in the context of four phases. For the first time, scanning electron microscopic images of real cells will be visualized allowing the comparison of their characteristics with computer animated simulations.

Can periodontitis or other inflammatory processes of the oral cavity contribute to systemic conditions such as atherosclerosis or diabetes, or negatively influence their course? This 3D animation “Oral Health and General Health” addresses these issues by visualizing the highly complex intercellular interactions and signaling pathways. Periodontal pathogens are invasive and can spread throughout the body via the bloodstream. Locally produced pro-inflammatory mediators can also shed into the circulation. This new film features an interdisciplinary topic, and in this context, special attention is given to diseases such as atherosclerosis and type 2 diabetes. This sophisticated HD video animation makes the relevant information and latest insights accessible to a wider audience.

The 3D animation “Guided Bone Regeneration” is a module of the “Cell-to-Cell Communication” series. To the extent that the details of the highly complex intercellular processes are amenable to presentation by computer animation, the present film, with its stunning didactical, dramaturgical, and visual appeal, successfully conveys the essentials of cell-to-cell communication, visualizing the invisible yet fascinating world of signals and signaling within the human body.
QI continues its time-honored tradition of serving the needs of the general practitioner with clinically relevant articles that are scientifically based. Dr Eli Eliav and his editorial board are dedicated to practitioners worldwide through the presentation of high-level research, useful clinical procedures, and educational short case reports and clinical notes. Rigorous but timely manuscript review is the first order of business in their quest to publish a high-quality selection of articles in the multiple specialties and disciplines that encompass dentistry.

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New materials and applications in adhesion are profoundly changing the way dentistry is delivered. Bonding techniques, which have long been restricted to the tooth hard tissues, enamel, and dentin, have obvious applications in operative and preventive dentistry as well as in esthetic and pediatric dentistry, prosthodontics, and orthodontics. The current development of adhesive techniques for soft tissues and slow-releasing agents will expand applications to periodontics and oral surgery as well. Scientifically sound, peer-reviewed articles explore the latest innovations in these emerging fields.

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Boasting an editorial board that unifies Europe’s most talented master clinicians, The International Journal of Esthetic Dentistry seeks to advance the state of the art in the practice of esthetic dentistry. Each issue features articles on the latest techniques, materials, and technology, allowing readers to obtain the outstanding esthetic results that more and more patients are demanding. Photos of breathtaking beauty grace the pages of this quarterly journal.

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This journal explores the myriad innovations in the emerging field of computerized dentistry and how to integrate them into clinical practice. The bulk of the journal is devoted to the science of computer-assisted dentistry, with research articles and clinical reports on all aspects of computer-based diagnostic and therapeutic applications, with special emphasis placed on CAD/CAM and image-processing systems. Articles also address the use of computer-based communication to support patient care, assess the quality of care, and enhance clinical decision-making. The journal is presented in a dual English-German format, and each issue offers three types of articles: science-based, application-based, and national society reports.

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The International Journal of Oral Implantology prides itself on presenting evidence-based, practical insights into oral implantology and related disciplines to specialists and general practitioners alike. Under the guidance of Dr Craig Misch and his highly regarded editorial board, the journal encompasses systematic reviews, clinical trials and clinical studies, with a focus on randomised controlled trials of quality and substance. Full descriptions and relevant illustrations are included so that clinicians can fully understand all the procedures presented. The aim of this journal is to provide reliable clinical guidance to practitioners to help them make the best decisions possible for their patients.

Official publication of the International Congress of Oral Implantologists (ICOI), and the Portuguese Society of Implantology and Osseointegration (SPITO)

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This journal continues its tradition of publishing timely, original articles on implant-related research and patient care. Internationally recognized for its high editorial and scientific standards, JOMI presents pioneering research, seminal studies, emerging technology, position papers and consensus reports, as well as the many clinical and therapeutic innovations that ensue as a result of these efforts. The editorial board is composed of recognized opinion leaders in their respective areas of expertise and reflects the international reach of the journal. Under their leadership, JOMI maintains its strong scientific integrity while expanding its influence within the field of implant dentistry.

Official journal of the Academy of Osseointegration

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Prosthodontics demands a clinical research emphasis on patient- and dentist-mediated concerns in the management of oral rehabilitative needs. It is about making the best clinical decisions, as well as implementing them, to enhance patients’ quality of life via applied biologic architecture—a role that far exceeds that of traditional prosthetic dentistry with its emphasis on materials and techniques. The International Journal of Prosthodontics is dedicated to exploring and developing this conceptual shift in the role of today’s prosthodontist, clinician, and educator alike. The editorial board is composed of a distinguished team of leading international scholars.

Official journal of the European Association for Osseointegration (EA0), the International College of Prosthodontists and the International Society for Maxillofacial Rehabilitation

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The Forum Implantologicum is the official organ of the ITI, a regular print publication that combines clinically oriented contents based on scientific research as well as news and information from the ITI and its national Sections. The Forum Implantologicum provides a regular overview of ITI activities, developments and events and offers solid scientific content in the form of illustrated feature articles. Additionally it is intended to promote communication within the organization by providing a platform for scientific exchange and discussion of matters of current interest.

Official publication of the ITI International Team for Implantology

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An international reputation for high-quality editorial content and unparalleled color illustrations has created a loyal following for this elegantly produced journal. Encompassing the relationship between a healthy periodontium and precise restorations, as well as integrating implants with comprehensive treatment planning, this unique journal emphasizes information that can be directly applied to your daily practice.

Official journal of the Academy of Osseointegration

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The aim and scope of ENDO is to publish articles relevant to the science and practice of endodontics and interdisciplinary fields. It is intended for dental practitioners with an interest in endodontics, including specialist endodontists. Its purpose is to act as a bridge between original science and clinical practice. The journal also includes contributions on endodontics in relation to periodontics, traumatology, pedodontics, orthodontics, oral surgery, prosthodontics, and implantology.

Official journal of the Belgian Association for Endodontontology and Traumatology and the Hellenic Society of Endodontics (EEE)

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Official journal of the Chinese Stomatological Association

2020 Subscription Rates:
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**IMPACT FACTOR**

1.228 (2018)
## Journal of Craniomandibular Function

**Editor-in-Chief:** Alfons Hugger  
**ISSN:** 1868-4149; **Volume:** 12; **Issues per year:** 4

This journal publishes clinically relevant articles on the entire range of digital aligner orthodontics, with a focus on the medical and scientific aspects and their practical relevance. Articles include case reports, clinical studies, studies on materials and devices, and literature reviews covering basic procedures, special situations, and multidisciplinary treatment.

### Official journal of the German Society of Craniomandibular Function and Disorders

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## Journal of Aligner Orthodontics

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**ISSN:** 2514-7552; **Volume:** 4; **Issues per year:** 4

This journal publishes clinically relevant articles on the entire range of digital aligner orthodontics, with a focus on the medical and scientific aspects and their practical relevance. Articles include case reports, clinical studies, studies on materials and devices, and literature reviews covering basic procedures, special situations, and multidisciplinary treatment.

### Official journal of the Argentine Society of Aligner Orthodontics (ASA), the Australasian Clear Aligner Society (ACAS), the French Society for Aligner Orthodontics (SFOPA), the German Association for Aligner Orthodontics (DGAO), the Italian Aligner Society (SIALIGN), the Japan Academy of Aligner Orthodontics (JAAO), the Moroccan Society for Aligner Orthodontics (SMOA), the Swiss Society for Aligner Orthodontics (SSAO), and the Taiwan Association of Aligner Orthodontics (TAOAO)

### Official publication of the European Aligner Society (EAS), the Argentine Society of Aligner Orthodontics (ASA), the Australasian Clear Aligner Society (ACAS), the French Society for Aligner Orthodontics (SFOPA), the German Association for Aligner Orthodontics (DGAO), the Italian Aligner Society (SIALIGN), the Japan Academy of Aligner Orthodontics (JAAO), the Moroccan Society for Aligner Orthodontics (SMOA), the Swiss Society for Aligner Orthodontics (SSAO), and the Taiwan Association of Aligner Orthodontics (TAOAO)

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## Journal of Oral & Facial Pain and Headache

**Editor-in-Chief:** Rafael Benoliel  
**ISSN:** 2333-0384; **Volume:** 34; **Issues per year:** 4

This journal publishes clinically relevant articles on the entire range of digital aligner orthodontics, with a focus on the medical and scientific aspects and their practical relevance. Articles include case reports, clinical studies, studies on materials and devices, and literature reviews covering basic procedures, special situations, and multidisciplinary treatment.

### Official journal of the American Academy of Orofacial Pain, the European Academy of Craniofacial Disorders, and the Australian, Asian, and Ibero-Latin Academies of Craniofacial Disorders

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THE PATIENT IN THE CENTRE OF OUR EFFORTS
Contemporary strategies in oral soft tissue reconstruction

Programme:
08.00 – 09.00: Registration
09.00 – 09.30: Welcome and introduction
09.30 – 11.00: Hitting hurdles – why can things go wrong?
11.00 – 11.30: Break and exhibition
11.30 – 13.00: Gingival recession therapy – what we can learn from periodontal surgery
13.00 – 14.00: Lunch and exhibition
14.00 – 15.00: Anterior implants – the peri-implant mucosa in the spotlight
15.00 – 15.30: Break and exhibition
15.30 – 17.00: Clinical scenarios and further indications
17.00: Discussion

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JANUARY
23rd–25th January
International Digital Days
Palais des congrès
Paris, France

24th–25th January
European Symposium SEPA – DGI – DGParo
Palau de Congressos de Palma
Palma de Mallorca, Spain

FEBRUARY
4th–6th February
AEEDC - UAE International Dental Conference &
Arab Dental Exhibition
The Dubai International Convention and Exhibition Centre
Dubai, United Arab Emirates

20th–22nd February
155th Midwinter Meeting
McCormick Place West Building
Chicago, USA

MARCH
6th–7th March
European Federation of Periodontology
RDS Dublin
Dublin, Ireland

19th–21st March
3rd European Aligner Society Congress
Malta, Italy

APRIL
24th–26th April
International Dental Exhibition and Meeting
Suntec Singapore Convention & Exhibition Centre
Suntec City, Singapore

21st–23rd April
Implantology and Oral Rehabilitation Congress
University of Lisbon
Lisbon, Portugal

APRIL/MAY
30th April–2nd May
Oral Reconstruction Global Symposium 2020
New York City, USA

MAY
14th–16th May
ITI World Symposium
Singapore Expo - Max Atria, Hall 1 & 2
Singapore

21st–23rd May
1st EAED Academy Meeting
Salzburg-Fuschl, Austria

JUNE
10th–14th June
96th Congress of the European Orthodontic Society
(EOS 2020)
Hamburg, Germany

12th–14th June
The 26th International Symposium on Ceramics
Sheraton San Diego Hotel & Marina
San Diego, USA

SEPTEMBER
1st–4th September
FDI World Dental Congress
Shanghai, China

OCTOBER
8th–10th October
29th Annual Scientific Meeting European Association
for Osseointegration (EAO)/
34th Congress German Association of
Oral Implantology
CityCube, Berlin, Germany

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