<table>
<thead>
<tr>
<th>Topic</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Multidisciplinary/Paediatric Dentistry</td>
<td>2–9</td>
</tr>
<tr>
<td>Oral and Maxillofacial Surgery</td>
<td>10–12</td>
</tr>
<tr>
<td>Implantology</td>
<td>13–22</td>
</tr>
<tr>
<td>Periodontics</td>
<td>23–24</td>
</tr>
<tr>
<td>Endodontics</td>
<td>25–26</td>
</tr>
<tr>
<td>Restorative Dentistry</td>
<td>27–28</td>
</tr>
<tr>
<td>Aesthetic Dentistry/ Aesthetic Medicine</td>
<td>29–34</td>
</tr>
<tr>
<td>Prosthodontics/Dental Technology</td>
<td>35–39</td>
</tr>
<tr>
<td>TMD/Occlusion/Physiotherapy</td>
<td>40–42</td>
</tr>
<tr>
<td>Orthodontics</td>
<td>43–45</td>
</tr>
<tr>
<td>Practice Management</td>
<td>46</td>
</tr>
<tr>
<td>QuintEssentials of Dental Practice</td>
<td>47–51</td>
</tr>
<tr>
<td>Cell-to-Cell Communication</td>
<td>52</td>
</tr>
<tr>
<td>Journals</td>
<td>53–57</td>
</tr>
<tr>
<td>International Quintessence Offices</td>
<td>58</td>
</tr>
<tr>
<td>International Affiliated Licences and Sales Partners</td>
<td>59</td>
</tr>
<tr>
<td>Author Index</td>
<td>60–61</td>
</tr>
</tbody>
</table>
Cone beam imaging is fast becoming common place in dental practices for every specialty, and this best-selling book has been updated to reflect the ways in which cone beam computed tomography (CBCT) is being used by dental practitioners. As before, the book introduces readers to the different ways of viewing CBCT data sets and guides clinicians in identifying familiar and unfamiliar anatomical landmarks in the three planes of section (axial, sagittal, and coronal). New to this edition are chapters presenting endodontic applications of cone beam volumetric imaging (CBVI) and help them optimize the attainable CBVI image quality and relevant system parameters for clinical applications. Part II provides multiple case examples for a number of relevant indications and findings for practical demonstration. Part III provides information on the use of CBVI in implant dentistry. Numerous case examples are used to explain and illustrate the use of CBVI in conjunction with other CAD/CAM techniques for implant treatment planning, bone augmentation and template manufacture as well as for postoperative evaluation and treatment of complications.
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 redlines 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 compile volumetric 3D reconstructions and use them in computer simulation workflow. An essential book that expands the place of clinical photography and underscores its role in improving clinical records and communication.

What sets this book apart from other titles available on dental photography is that it focuses not on artistic photography but rather on the concept of dental visualization: dental photographs that are taken and used as a clinically relevant tool. The major principles of dental photography are broken down into concise chapters and illustrated with high-quality, detailed images. Topics covered include photographic equipment, camera components, digital documentation, and troubleshooting. Simplified protocols for achieving high-end photographic results are presented step by step, and considerations for the different dental specialties are also described. This book promises to be an invaluable tool for both general practitioners and specialists to elevate their services provided by using dental photography.

Whether they are used for patient communication, consultation with a laboratory or colleague, diagnosis, clinical or legal records, or scientific presentation or publication, images are a much more powerful means of communication in the field of dentistry than the spoken or written word. However, dental photography is lacking set standards that would allow the continuity and reproducibility essential to clinical and scientific documentation. To address this need, this book presents guidelines for photographic documentation that will enable practitioners to produce images that faithfully convey clinical data. Precise instructions, including the positions of the patient, assistant, and practitioner; camera settings and flash instructions for the patient. The book is designed to function as a stand-up display, providing ease of use to the photographer when used chairside. Whether used as a refresher by an experienced dental photographer or as a guide for instructing staff members on dental photography protocols, this atlas is sure to become a mainstay in clinical practice.

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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.

The tongue not only plays a primary role in masticatory and speech function—it is also a significant indicator of health, demonstrating signs of both oral pathologies and diseases that can affect the entire body. In addition to an overview of tongue anatomy and general diagnosis and treatment recommendations, this book contains an atlas of more than 50 specific diseases and health concerns that may present signs and symptoms in the tongue.

This clinically oriented textbook explores medical microbiology and immunology as they relate to the practice of dentistry. It begins with a thorough discussion of immunology and then systematically covers the bacteria, fungi, viruses, and parasites that affect the human body as well as their oral manifestations. Extremely detailed illustrations throughout aid the reader in comprehending these complex interactions.

This book promotes treatment that assists healing of the dental hard tissues, pulp, PDL, and alveolar bone. Where possible, invasive restoration, pulp-ectomy, and extraction are avoided. Diagnosis, treatment planning, and treatment protocols are described for specific types of dental trauma.

Topics of bioscience and clinical science are discussed, including diagnosis of periodontal disease and systemic correlations, tissue engineering, dentin remineralization, tooth whitening, caries detection, nerve injury, and identification of vessels and nerves prior to implant placement.
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.

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.

Good oral health is vital, not only to help us eat well but also to prevent oral inflammation, xerostomia, and aspiration pneumonia. This edition of this popular textbook offers a comprehensive, up-to-date understanding of community oral health issues, providing many more examples, illustrations, and perspectives from around the world. Ideal for undergraduates, postgraduates, and general practitioners interested in how the health systems in which they operate affect the care they can provide.
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 a 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.

Interdisciplinary Treatment Planning
Principles, Design, Implementation
Michael Cohen (Ed.)
Volume 1: Principles, Design, Implementation
568 pp; 1,280 illus.; £300 / €328
Volume 2: Comprehensive Case Studies
536 pp; 1,226 illus.; £300 / €378
Volume 3: Diagnosis and Risk Prediction of Periodontal Diseases
650 pp; 607 illus.; £132 / €178
Volume 4: Prosthodontics-Methods and Materials Science
308 pp; 519 illus.; £135 / €148
Volume 5: Periodontology-Prophylaxis and Preservative Therapy

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.

Per Axelsson
Preventive Dentistry
Volume 3: Diagnosis and Risk Prediction of Periodontal Diseases
464 pp; 444 illus.; £202;
£111 / €140
Volume 4: Preventive Materials, Methods and Programs
652 pp; 607 illus.; £204;
£132 / €178
Volume 5: Minimally Invasive Treatment, Arrest, and Control of Periodontal Diseases
308 pp; 519 illus.; £209;
ISBN 978-0-86715-365-1;
£135 / €148

This 5 DVD-ROM box set provides unique and meticulously compiled film productions focusing on the work of daily practice. Experienced dental practitioners and technicians give valuable advice for others in the field. The series provides films from all relevant areas of dentistry in outstanding quality.

Contents
Volume 1. Endodontics
Volume 2. Surgery / Implantology
Volume 3. Restorative and Prosthetic Treatment
Volume 4. Prosthodontics-Methods and Materials Science
Volume 5. Periodontology-Prophylaxis and Preservative Therapy
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.

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.

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.
By highlighting the controversies surrounding major advances in dentistry, this book gives life to the same old story. This engaging history book outlines the personal struggles endured and victories achieved by the leading personalities of dentistry during its development from antiquity to the present. Despite significant progress in the field of pain management, many people today still avoid seeing a dentist because of fear and anxiety. This book presents a philosophy for reducing patients' anxiety and putting them at ease, beginning the moment they call for an appointment. Combining clinical hypnosis techniques with specialized communication strategies (both verbal and nonverbal), the authors guide the entire dental team in every facet of patient interaction.

This comprehensive book presents the conventional indications for laser-assisted dentistry. 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. This textbook teaches clinicians how to utilize biomaterials in an appropriate, predictable, and evidence-based manner. This engaging history book outlines the personal struggles endured and victories achieved by the leading personalities of dentistry during its development from antiquity to the present. By highlighting the controversies surrounding major advances in dentistry, this book gives life to the same old story.

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This comprehensive text details the role of osseointegration in prostodontic restoration via careful treatment planning and the use of a multidisciplinary therapeutic approach. From detailed clinical and radiographic examination to soft tissue considerations to selection of implant systems and surgical techniques, this book outlines well-documented modalities that are safe, simple, and predictable.
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.

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 invaluabale addition for all dental practices treating pediatric patients. It is therefore an invaluable addition for all dental practices treating pediatric patients. 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. The book is two books in one. The first half (What’s in Your Mouth?) is written to introduce children to the importance of daily hygiene care, and fun tooth characters (Pearl and Cuspy) are present on each page to reinforce this message. The second half (What’s in Your Child’s Mouth?) provides parents with the information to guide their children’s oral health habits. This book is sure to enthrall and inform patients of all ages.

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.

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 discusses innovations in pediatric treatment. Topics include epidemiologic research, fluoride guidelines, carries 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 tooth 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 builds on the seminal works presented at the International Bone Research Symposium. With this strong foundation, the book provides an excellent overview of current knowledge on the principles and methods of jaw fracture management, and any complications. The chapters are constructed to help create workable protocols that can be used to treat and prevent complications in a step-by-step manner. The goals are to help select the appropriate animal models and corresponding experimental designs to enable the next steps toward human investigation. The chapters also contain comprehensive information on microscopic and imaging technologies necessary to gain the maximum information from preclinical investigations. The topics covered include soft and hard tissue research as well as osseointegrated implants. Each section provides illustrations with details relevant to decisions of the research team.

This atlas focuses on advanced surgical techniques for restoring soft tissue defects around natural teeth caused by varying degrees of gingival recession. The book also features a chapter dedicated to the rationale behind endosseous implant therapy. The objective of this book is to bridge the gap between the routine practice of maxillofacial surgery and theoretical laboratory science. The 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.

This book discusses the various clinical factors affecting outpatient surgery performed by oral and maxillofacial surgeons. The text is based on the scientific literature, with a focus on traditional oral surgery of the infraoral soft tissues and the hard dental structures. Examples of intraoral procedures are presented step-by-step using high-quality color photographs. The book also features a chapter dedicated to the rationale behind endosseous implant placement as an alternative to tooth-preserving surgery.
The first half of the book introduces 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 neoplasms and hamartomatous or tumor-like lesions arising from the tooth-forming structures. It also presents recurrence rates and, where appropriate, information about the unique insight into the clinical benefits of piezoelectric bone surgery.

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 dentoalveolar surgery, maxillofacial trauma, craniofacial anomalies, and oral pathology, and illustrated with summary charts, tables, clinical photographs, and radiographs.

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Newly updated content includes the most recent views regarding treatment. A practical resource for clinicians and an invaluable reference for researchers.

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.
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
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.
Bone Augmentation in Implant Dentistry
A Step-by-Step Guide to Predictable Alveolar Ridge and Sinus Grafting

272 pp; 1,800 illus.; ©2019; ISBN 978-0-86715-825-0; £245 | €296

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.

Surgical and Radiologic Anatomy for Oral Implantology


Anatomical textbooks and atlases often fail to meet the clinical demands of defining intraoperative structures for oral implantologists. This book, however, shows the structures of the maxilla, mandible, and nasal cavity as they actually exist in the dissected or live body, through the presentation of cadaver specimens and clinical cases. Understanding these structures simplifies the learning and execution of implant-related surgical procedures.

Oral Implantology Review
A Study Guide

232 pp (softcover); 74 illus.; ©2016; ISBN 978-0-86715-721-5; £84 | €118

This comprehensive examination workbook provides more than 1,000 practice questions on oral implantology. Topics include medical problems, biomedical sciences, radiology and computer-assisted technology, anatomy, biomechanics, patient data, treatment planning, principles of implantology, bone and soft tissue grafting, implant prosthodontics and occlusion, esthetics, maintenance, pharmacology, and complications.

Quintessence Dental Implant Logbook


This convenient logbook allows you to keep track of the details of every implant that you place. Each book contains space for over 500 patient entries (2,000 implants or more) and tracks the most important information: • Patient name/chart no. • Implant location and size • Initial stability • Procedures followed • Recommended restoration • Implant manufacturer • Bone grafting procedures • Healing abutments • Recommended healing period • 6-month and 12-month follow-ups.

Surgical Complications in Oral Implantology

Etiology, Prevention, and Management


This book is designed as a self-instruction guide to the diagnosis, management, and prevention of surgery-related complications in implant dentistry. Besides addressing pre-, intra-, and postoperative implant surgery complications, the book also includes a comprehensive treatment-planning protocol that allows for the early detection of potential surgical complications and how to avoid them.

Oral Implantology Surgical Procedures

Checklist

92 pp (spiral bound); 80 illus.; ©2013; ISBN 978-0-86715-570-9; £46 | €68

Just as checklists used in the aviation industry reduce the incidence of human error and provide safety and success margins, implant surgery should start with a presurgery check by the surgeon. Surgeons have relied solely on memory for these checks, but the complexity of the information regarding the procedures today makes it difficult to properly deliver it to patients in a consistent, correct, and safe manner. This checklist booklet outlines the proper sequence for surgical procedures, details the setups for necessary instruments, provides postoperative instructions, and even includes a clear roadmap to follow in emergency scenarios that might be encountered during or after surgery.

Proceedings of the P-I Brånemark Memorial Symposium, Stockholm 2015

144 pp; 221 illus.; ©2016; ISBN 978-1-85097-298-3; £45 | €58

This book honors the late Professor Per-Ingvar Brånemark, whose research has for decades played a major role in numerous scientific, dental, and medical disciplines through his discovery of osseointegration. His work has benefited millions of patients and continues to influence new advances in reconstructive surgery.
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.

The integrated treatment plan places the individual patient at the centre of the diagnostic and therapeutic process. Therefore, the concept of an integrated treatment plan seeks to satisfy the patient’s wishes and expectations, from both comprehensive and interdisciplinary perspectives, involving the application of state-of-the-art technology as well as the expertise and support of the medical and dental specialists. This text delves into the process of constructing a diagnosis and assessing the potential risk factors and then describes step-by-step some of the more recent surgical procedures for patients who are candidates for implant therapy. Each phase covered is accompanied by clear references to its scientific background in order to provide the reader with bibliographic support for further study. Most procedures are illustrated with photographs and anatomical drawings.

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

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

Byung-Ho Cho | Seung-Mi Jeong | Jiuhn 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.

Short and Ultra-Short Implants

Douglas Deporter (Ed.)

168 pp (softcover); 334 illus.; ©2018; ISBN 978-0-86715-785-7; £68 | €85

As research continues to underscore the safety and efficacy of short implants, more dentists are considering their use with real interest, and this book provides the information clinicians need to incorporate short implants into their own practice. The book reviews the clinical effectiveness of short implants and then describes treatment protocols for the various types of short implants and their placement in different areas of the mouth. Case presentations demonstrate the recommended techniques and showcase the results.

The Anatomy Guided Approach

Carlos Aparicio (Ed.)


This book reviews the state of the art of zygomatic implant placement and outlines several new surgical techniques and adjunctive procedures, including the zygoma anatomy-guided approach (ZAGA). The authors cover the fundamentals of using zygomatic implants, including the rationale behind the approach, anatomical and biomechanical considerations, imaging of the zygoma, correct implant trajectory, possible sinus reactions, contraindications, prosthodontic considerations, and management of complications.
As research proceeds on treatment of the resorbed posterior maxilla, new techniques and innovations continue to be adopted to solve this clinical problem. While the previous edition of this book provided detailed information on the types of grafting materials and procedures available at the time, this completely revised version looks to the future with new strategies for treatment, some of which avoid grafting altogether. This book not only reviews the time-tested lateral window approach for sinus elevation and grafting but also describes a variety of techniques to approach the sinus transcrestally, with or without grafting material. One section of the book is devoted entirely to the different types of implants and implant placement techniques available, many of which are designed specifically to avoid sinus elevation. In addition to clinical case studies and descriptions of how to perform specific surgical procedures, this book includes discussions on the science of bone formation and how continued research brings us closer every day to the ultimate goal of using tissue engineering to completely regenerate new teeth.

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 highlights experimental and case studies, resulting in a comprehensive review of the current knowledge regarding the placement of implants in compromised bone. Topics covered include factors influencing bone quality; characteristics of compromised alveolar bone; and techniques for preventing peri-implant infection in everyday practice.

This book presents 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 positions peri-implantology as an emerging discipline and provides a comprehensive discourse on the etiology, clinical features, and diagnosis of peri-implantitis and implant mucositis. The authors summarize the current research on peri-implantitis, outline the steps for effective early diagnosis, and provide an effective paradigm for preventing peri-implant infection in everyday practice.
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 bed 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.
Dental Campus—Curriculum Implantology


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 40 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


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.

Immediate Function & Esthetics in Implant Dentistry


Avoiding Pitfalls Using Cone-Beam CT

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 osteotome 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.

The answers to your questions about dental implants

80 pp (softcover); 73 illus.; ©2014, ISBN 978-1-85097-279-2; £3 | €10

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.

Special Offer for EAO Members: 30% off

Oral Implants

Bioactivating Concepts

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 introral surgical techniques, including step-by-step procedures for hard and soft tissue management for ideal site development and peri-implant prosthodontics.

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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ITI Treatment Guide Series

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.

Daniel Buser | Urs Belser | Daniel Wismeijer (Eds.)
Implant Therapy in the Esthetic Zone
Single-Tooth Replacements
ITI Treatment Guide Volume 1
268 pp; 763 illus.; ©2006; ISBN 978-3-938947-10-4; £68 | €86

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.

Daniel Buser | Dieter Weingart | Hideaki Katsuyama
Sinus Floor Elevation Procedures
ITI Treatment Guide DVD-Video; 54 min; NTSC/PAL; ©2011; ISBN 978-1-85097-224-2; Multilingual DVD-Video; 54 min; NTSC/PAL; ©2011; ISBN 978-1-85097-220-3; £81.60 + VAT | €68

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.
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.

The SAC Classification has been in use by the ITI as part of its educational program since 2003. This volume represents an indispensable reference tool for all practitioners when involved in individual cases and the relevant skills required to provide the treatment.
Implant Prosthodontics
Stefan Wolfart

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 prosthodontic 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 rehabilitation, 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.

Film 4. Innovative CAD/CAM treatment approaches for implant-supported fixed restorations
Film 1. 3D planning and template-guided implant insertion in the edentulous jaw (case 1) and in the partially edentulous jaw (case 2)
Film 2. Immediate placement and all-ceramic restoration in the anterior maxilla—a customized interdisciplinary treatment approach
Film 3. Implant-supported removable restorations in the edentulous jaw
Film 4. Innovative CAD/CAM treatment approaches for implant-supported fixed restorations

Implant-Supported Restorations
English/German language DVD-Video, NTSC/PAL; 311 min; ©2012; ISBN 978-3-86867-117-9, each Vol £66 + VAT | €75
Vol 1–4 £232 + VAT | €248
English/German language Blu-Ray-Video, NTSC/PAL; 311 min; ©2012; ISBN 978-3-86867-112-4, each Vol £58 + VAT | €66
Vol 1–4 £206 + 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 of 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 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.

The Science and Art
Practical Implant Dentistry
Ashok Sethi | Thomas Kaus

This established textbook, written by clinicians for clinicians, presents evidence-based protocols and focuses on the technical skill and practical craftsmanship that are essential for predictable outcomes in implant placement, augmentation, and restoration. This book provides the perfect introduction to implantology with instruction to advance the skills and extend the clinical scope of every practitioner.

Implantology Step by Step
Christopher T. Slivowski
Implantology Step by Step

In this practical textbook, the author presents innovative and contemporary treatment strategies for the protocols of implant dentistry that span the discipline, from simple single-tooth restoration to complex full arch rehabilitation of edentulous arches involving sinus elevation and immediate implant placement. Delinated in the book are treatment protocols for clinical situations with different baseline conditions and levels of difficulty, including a section devoted to treating the fully edentulous patients. New technologies, including 3D diagnosis enabled by CBCT, are analyzed for their effectiveness and efficiency.

Controversial Issues in Implant Dentistry
Federico Hernandez Alfaro (Ed.)

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Bone grafting in oral implantology is one of the most important steps in implant treatment, as it ensures the preoperative conditions for successful implant placement. This textbook offers comprehensive information on bone grafting in oral implantology, starting from the first principles of bone grafting to the current state of the art in the field.

The Art of Computer-Guided Implantology
Philippe B. Tardieu | Alan L. Rosenfeld

The Art of Computer-Guided Implantology

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 great 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.

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.

This atlas explores the multitude of options in periodontal surgery with an emphasis on contemporary regenerative procedures. Illustrated with the author's cases, the book elucidates clinically effective procedures step by step, with the author's clinical results compared to those of related studies. Exceptional clinical photographs and illustrations support the clear and concise explanations of procedures. Many detailed clinical cases illustrate therapeutic outcomes over time. Additionally, each surgical procedure provides highlighted, valuable key points and summary tables for at-a-glance understanding.

The association between periodontitis and systemic diseases has become a hot topic in recent years. This comprehensive book reviews the clinical evidence and biological plausibility of the many systemic diseases that have been linked to periodontitis. Edited by Dr. Josefina Hirschfeld and Prof. Iain Chapple (University of Birmingham, UK), experts in each field discuss the mechanisms at work, citing the available literature and clearly summarizing current knowledge on the associations between periodontitis and diabetes mellitus, cardiovascular diseases, chronic kidney disease, inflammatory bowel diseases, rheumatoid arthritis, respiratory diseases, pregnancy and fertility, malignancy, neurodegenerative diseases, stress and depression, and autoimmunity.
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 | Leonardo Trombelli (Eds.)

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.

Giano Ricci | Mario Arnetti

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.

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.

Marisa Roncati

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

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.

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

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 periradicular pathology are addressed in detail.

This book offers expert guidance to clinicians who have limited experience in the nonsurgical procedures involved in root canal therapy. Each of the 42 lessons offers useful, workable, and, above all, practical information and recommendations covering a specific aspect of endodontic care. Readers expand their knowledge incrementally, beginning with the essentials of patient diagnosis, examination, and record-keeping and progressing through lessons concerned with treatment planning and preparation for therapy; root canal instrumentation and obturation; and emergency and adjunctive procedures.

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 periradicular 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.
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 utilized 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.

Following an introduction to the basics of dental esthetics, 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 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.

This compelling clinical monograph outlines how to manage the soft tissue in a practical manner, whether providing patients with tooth-borne or implant-supported restorations. The author provides step-by-step instructions for each stage of therapy so that restorative dentists can understand how to manage the soft tissue frame, minimize trauma, and ensure a healthy and esthetic treatment outcome. Multiple cases are followed throughout the book, with individual chapters focusing on those portions of the case that illustrate the concepts elucidated in the chapter.
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.

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.

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.
This book is the most comprehensive textbook yet written to detail the expanding field of porcelain laminate veneers (PLVs) in esthetic dentistry. The book examines the role of the esthetic dentist in understanding the needs of the patient and formulating a treatment plan that includes not only esthetic considerations such as color and smile design but also occlusal, periodontal and functional requirements. The book discusses PLVs and diastema closure, tetracycline discoloration and orthodontic treatment and includes a chapter on patient education in esthetic dentistry. New techniques to ensure minimal invasive tooth preparation and maximum space creation for the dental technician are explored, 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.

**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.**

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 fixed prostheses. A dual English/Spanish language book.

**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.**

A direct-indirect restoration is one in which the composite resin is sculpted directly on the tooth structure without previous adhesive preparation, light activated, removed from the mouth in a single appointment. The resulting restoration exhibits improved mechanical properties, excellent esthetics, and unaltered marginal adaptation and polishing. The direct-indirect technique has a wide range of applications, including prepless contact lenses and veneers, veneers with preparation (discolored teeth), fragments, diastema closure, and noncarious cervical lesions, among others. This book systematically covers these many applications and provides step-by-step protocols with specific layering strategies for each. Fifteen detailed case studies are included to showcase the technique in various clinical scenarios.
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.

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This new edition offers the reader a newly illustrated overview of modern esthetic and restorative dentistry complete with tutorial videos. New topics include web-based communication with the laboratory, indirect composite chairside CAD/CAM restorations, a comparison of digital and conventional techniques, the resin composite injection communication with the laboratory, indirect composite chairside CAD/CAM restorations, and a comparison of digital and conventional techniques, the resin composite injection communication with the laboratory, indirect composite chairside CAD/CAM restorations, and novel surgical techniques such as lip repositioning, connective tissue grafting, and ridge preservation with collagen membranes.

This atlas synthesizes the latest technological advances in aesthetic dentistry and shows how to successfully integrate them into clinical practice, including photographic documentation, esthetic previews, inverse layering techniques, and use of advanced restorative materials. An excellent resource for clinicians looking to incorporate the latest techniques for predictable 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 the best possible outcome. 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.
Surgical concepts to handle esthetic failures in implant patients

Van B. Haywood

Tooth Whitening

Indications and Outcomes of Nightguard Vital Bleaching

Robert Sader | Michael Kann | Diether Reusch

Bleaching

Professional Tooth Whitening with Light

So-Ran Kwon | Seok-Hoon Ko | Linda H. Greenwall

Tooth Whitening in Esthetic Dentistry

Rafi Romano (Ed.)

The Art of Detailing

The Philosophy Behind Excellence

Rafi Romano (Ed.)

The Art of Treatment Planning

Dental and Medical Approaches to the Face and Smile

Rafi Romano (Ed.)

The Art of the Smile

Integrating Prosthodontics, Orthodontics, Periodontics, Dental Technology, and Plastic Surgery in Esthetic Dental Treatment
Written in collaboration with international experts from various fields of medicine, including basic scientists, clinician-scientists, experts in laser therapy and photography, as well as plastic surgeons and hair restorative surgeons, this book collectively offers a comprehensive approach to using platelet-rich fibrin (PRF) in facial esthetics. PRF has been used for decades in regenerative medicine, and slowly it has made its way into the medical esthetic arena, often used in combination with other leading therapies to support minimally invasive aesthetic procedures. This book therefore starts at the beginning, first exploring the biology and anatomy of the skin and hair before turning to clinical chapters on patient consultation, microneedling, skin and hair regeneration, lasers, and the use of PRF in plastic surgery. The final chapter looks to the future and considers what else could be possible. If you perform any facial esthetic procedures in your office or want to learn how, this book is a must.

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 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 reapplied. 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 306 outstanding didactic photos and anatomical graphics. Starting with basic current knowledge, the book provides the information needed for a successful peel, be it superficial, medium-depth or deep. The book combines experiences compiled internationally over several decades with those gathered by the authors themselves. Authentic, photographically documented histories of selected cases provide an impression of the efficacy and lasting results of this treatment method.

Mesotherapy is a simple and effective treatment method. It involves the targeted administration of active medicinal substances into the skin and connective tissue in the form of microinjections. The method was developed more than 50 years ago by Michel Pistor in France, where it is regarded as an established procedure. The Illustrated Atlas of Esthetic Mesotherapy provides a step-by-step introduction to the practice of mesotherapy, with the help of 165 colour illustrations. Topics including skin rejuvenation (Mesolift), treatment of hair loss (Mesohair) and the treatment of local fat pads and cellulite are demonstrated in detail. The basics section of the book describes the active substances, legal issues, materials and techniques, while the practical section goes into regional 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.

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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 rehabilitation. 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.

QDT 2019 presents a potpourri of original articles highlighting new techniques and novel approaches for creating beautiful smiles - both in form and function. Featured articles include an innovative procedure for predictably matching a veneer to an implant crown, a program for producing a personalized smile based on its visual identity, and the Plane System for virtual functional and esthetic analysis, diagnosis, and CAD/CAM fabrication. These are but a few of the pearls found in this year’s beautifully produced annual resource for the dental technician and restorative clinician.

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, and other needs. The authors’ unique treatment philosophy that combines carefully selected materials and methods ensures long-term results. This ambitious book documents the approach to the treatment of highly complex cases by two of Japan’s most respected and influential clinicians. Featuring more than 150 cases, this book is a refresher for the practitioner or graduate student. It includes specific techniques and instruments for ceramic restorations, providing the background knowledge needed by the novice and serving as a refresher for the experienced clinician.

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 high-quality 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 textbook provides an overview of Kratochvil’s design philosophy and the basic 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 classic prosthodontic textbook provides an overview of removable partial denture service in contemporary dental practice with an emphasis on clinical and design aspects. Clinical topics range from examination and treatment planning to mouth preparation and prosthesis placement. Common design philosophies are discussed, and a step-by-step method for partial denture design is presented. Also included are alternative removable partial denture therapies such as Swing Lock, dual path, and attachment-type prostheses. The method is technically sensitive, but 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 high-quality 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 addresses the multidisciplinary treatment of partially and completely edentulous patients and emphasizes the biologic, psychologic, and social dimensions of care. It covers the principles of prosthodontics and how they affect patients’ esthetic, functional, and overall quality of life. It includes recent innovations in immediate loading, ceramic materials, and 3D imaging that allow more predictable and successful outcomes.

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.

This popular undergraduate text is designed to serve as an introduction to restorative dentistry techniques using fixed partial dentures and cast metal, metal-ceramic, and all-ceramic restorations, providing the background knowledge needed by the novice and serving as a refresher for the practitioner or graduate student. Specific techniques and instruments are discussed, and updated information has been added to cover new cements, new impression materials and equipment, and changes in soft tissue management methods used during impression procedures. New articulators, facebows, and concepts of occlusion have been added, along with precise ways of making removable dies.

This book presents an overview of Kratochvil’s design philosophy and the basic 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 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.

This book is a comprehensive prosthodontic treatment guide that outlines and explains the various aspects and possibilities of medical and dental treatment planning as it exists today. The content is logically organized in a step-by-step manner and addresses a wide audience: prosthodontic specialists, graduates and postgraduate students, general practitioners, and specialists in other dental fields. Topics include the goals of treatment planning, prosthodontic tools, first meeting with the patient, diagnostics and prognostics, intraoral and extraoral physical examination, types and structure of prosthodontic treatment, the writing of a treatment plan, and more.

This atlas is intended to be an accessible and quick-to-consult volume where the reader can find useful suggestions for many techniques, from the not-always-simple single-tooth restoration 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.

This DVD includes a presentation of the occlusal compass, the applicable anatomy, nomenclature and “dental coordinate system”, the waxing-up of all segments of an upper molar and an entire quadrant following NAT. A step-by-step demonstration is given on how to locate contact points, also showing where spaces must be maintained.

The creation of truly natural-looking tooth restorations demands equal attention to biology and art. Without proper concern for function, the most esthetic of restorations will fail. 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.

This textbook lays out the theoretical foundation that is prerequisite for reproducing functional and esthetic teeth and replacement tissues. By providing the medical and technical context and focusing on the functional interrelation among the anatomical components, the authors establish the criteria for measuring success.

This comprehensive textbook describes the philosophy behind prosthodontic design and systematically details all of the working steps in designing and fabricating restorations and dentures. Unlike other prosthodontic texts, this one is written from a design perspective first and foremost, explaining 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 atlas reviews 75 different types of attachments. The classification of these connectors by concept (function; mechanism; and location, such as intracoronary, extracoronary, 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.
Jiro Abe | Kenji Iwaki | Tetsuya Sudo | Kyoko Kokubo

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

The Suction-Effective Mandibular Complete Denture Fabrication Technique advocated by Dr. Jiro Abe has reached the common sense area by the success of many clinicians who learned this technique all over the world. And now, it is focused on the application of this technique to refractory cases. Therefore, in this book, as well as the basis of the mandibular suction effective technique, Angle’s Class 2, Class 3 commentary on how to cope with difficult cases. It also refers to the production of aesthetic complete dentures. This is the essential book for dental physicians/dental technicians who engaged in complete denture treatment.

Rowida Abdalla

Waxing for Dental Students
88 pp (spiral bound); 388 illus.; ©2018;
£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
£108 | €140

Bestseller

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
3rd edition; 468 pp; 1,555 illus.; ©2011;
£132 | €198

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
£27.99 | €47.99

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.

Hitoshi Aoshima

The Ceramic Works
Dental Laboratory Clinical Atlas
£64 | €82

This book explains the subtle differences that are key to making restorations look natural. Written by a master ceramist with a keen eye for the essence of color and form, this atlas features compelling clinical cases and demonstrates the laboratory protocols behind the work. A beautiful reference on ceramic restoration for dental technicians.
The Science and Art of Occlusion and Oral Rehabilitation

Martin Gross


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, neuropsychplasticity 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.
Dentists are often the first medical practitioners to encounter patient reports or clinical evidence of disorders such as sleep apnea, sleep bruxism, and sleep-disrupting orofacial pain, providing them a unique opportunity to prevent the development or persistence of conditions that strongly impact their patients’ lives. Since the first publication of this clinical handbook, significant and exciting advances have been made in the field of sleep medicine, and this updated edition gathers all of this new evidence-based knowledge and presents it in focused, concise chapters. Leading experts in medicine and dentistry explain the neurobiologic mechanisms of sleep and how they can be affected by breathing disorders, bruxism, and pain, along the way guiding dental practitioners in performing their specific responsibilities for screening, treating, and often referring patients as part of a multidisciplinary team of physicians.

Sleep apnea affects millions of people worldwide, yet according to current estimates, only 5% of cases are diagnosed and treated. Treatment of sleep apnea requires interdisciplinary cooperation between sleep medicine specialists, dentists, and dental technicians. This three-part DVD provides a complete guide to treating the two main causative bite disorders, bruxism, and pain, along the way guiding dental practitioners in performing their specific responsibilities for screening, treating, and often referring patients as part of a multidisciplinary team of physicians.

Bruxism is one of the “diseases” of the 21st century and acknowledgment of its destructive nature in the last fifteen years highlighted the hesitations of the profession and the questions of patients. Since the first book dedicated to bruxism, knowledge has rapidly improved to define today different types of bruxism in what used to appear as an “unmanageable” phenomenon. Thanks to a better understanding of bruxism during the last decade, the treatment of patients with bruxism is not only more conservative but also multidisciplinary. This three-part DVD provides a complete guide to treating the two main causative bite disorders, bruxism, and pain, along the way guiding dental practitioners in performing their specific responsibilities for screening, treating, and often referring patients as part of a multidisciplinary team of physicians.

This book is divided into three sections: the first deals with bruxism knowledge and guidelines for diagnosis, sleep physiology, the main etiological theories, the influence of peripheral and emotional factors, and movement disorders and bruxism in children; the central section is devoted to the effects of bruxism on the different masticatory system components, including the nosological action of bruxism on dental pulp, periodontal ligament, TMJ, muscles, and its relationship with pain; and the final section encompasses different aspects related to the treatment of bruxism, including the pharmacological effects of certain central-action drugs and some peripheral-action drugs, such as the botulinum toxin, the treatment of bruxism through dental implants and the recommended dental materials.

This book is the how-to guide, a gateway to a successful dental sleep medicine practice. Written by two experts in the field, it clearly delineates the dentist’s role in the treatment of SRBDs and gives practical advice on how to incorporate dental sleep medicine into an existing dental practice, as well as how to work with sleep physicians to best support patient care. In addition to step-by-step instructions for examination, appliance selection, and follow-up care, complications of OAT, legal issues, and medical insurance and Medicare considerations are included to fully prepare the dentist for the journey into dental sleep medicine.
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 musclebuilding. How does flossing exert its effect? Among other things flossing produces rapid pain relief by influencing the fascias 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 treatment protocol 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.

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.
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 molocclusion 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.

Effective wire bending techniques that are customized to each individual patient make orthodontic treatment more efficient and can reduce treatment time. In lieu of overly complicated wire bending, the author of this manual promotes precise, intuitive bending and presents the proven methods that work with any biologically compatible wire. The essential components and techniques of customized wire bending are detailed step-by-step, including trimming of casts; selection and proper manipulation of pliers; the first-order bends (in or out), second-order bends (up or down), and third-order bends (torque); and optimal methods of adjustment to be used during orthodontic treatment.

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 takes the author’s experiences from daily practice with lingual orthodontics—including mistakes and achievements, successes and failures—and translates them into useful, step-by-step procedures for the various applications of lingual orthodontics. All procedures are detailed with complete photographic documentation. Throughout, the author focuses on the patient-professional relationship, underscoring the point that the orthodontics should be performed for the patient, not the professional, and that the patient should always be treated as more than a malocclusion.
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.

With so many factors influencing long-term stability, this book consolidates the 20 principles of the Alexander Discipline outlined in volume one into 6 guidelines for approaching long-term stability in orthodontics, focusing on unusual and difficult cases, demonstrates through the presentation of complete patient records how these principles can be used to achieve beautiful, functional, and stable results even in patients requiring creative treatment planning and treatment mechanics. In the situations presented in this book, there is no one right answer to the problem, and the orthodontist must have the confidence and relevant knowledge to formulate the treatment plan most suitable for each patient.

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.

Each chapter addresses a specific topic by summarizing the literature, critically reviewing the evidence, and offering impartial recommendations for clinical practice. Topics include Class II and Class III malocclusions, wires and wire sequences, dental asymmetries, root resorption, and retention strategies, among others.

The Alexander Discipline represents a unique approach to orthodontic treatment; today, clinicians around the world apply its 20 master principles in their practices. An outgrowth of the Tweed technique, these basic principles have been developed empirically over many years in the author’s own practice. Complete records of patients treated by the author are presented to demonstrate specific results and the stability of treatment.

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 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.

This book presents full-page images to show how various areas of the mouth can be restored and transformed to make the smile more esthetic. Before-and-after photographs of exceptional quality reveal the significant improvements that are possible with procedures as simple as crown lengthening, composite restoration, or veneers. Other topics include all-ceramic crowns, fixed partial dentures, connective tissue grafting, implant therapy, and esthetic contouring. The author also addresses tooth fracture and diastema closure, missing teeth, noncarious lesions, sealants, interproximal restoration, inlays and onlays, minor orthodontics, bleaching, and root canal therapy. Smile! Your Guide to Esthetic Dental Treatment is the perfect tool for showing patients how they can benefit from esthetic dental treatment.

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.

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.

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. While aesthetic care has been a part of dentistry for many decades, very few practices are doing as much aesthetic dentistry as they desire. 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.
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 need for an effective risk—management strategy for the dental profession has never been greater as dentists face the dual challenges of regulation and legislation as well as coping with the heightened expectations of an informed public. This book explores the many facets of risk management, including consent, ethical issues, effective communication, complaints handling and risk assessment.

This unique book considers the concept of quality as it relates to the provision of dental care. For the author’s purposes, quality is defined in relation to the process of care, the service given, the people delivering the care, and the environment in which the care is provided. In each of these various facets of dental care, the author considers the process of measuring, assessing, improving, and monitoring quality and its impact on the way we work and live.

In the modern world, new information is constantly being produced that affects patient treatment, and clinicians need the skills to evaluate and apply pertinent information to their practice. This book outlines the key concepts of evidence-based dentistry and illustrates the process from analysis to implementation using relevant clinical examples.

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 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.

Managing Endodontic Failures 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 Failures in Practice is clearly the work of an endodontist "in the know" and "up to speed" on the latest thinking, developments and techniques.

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.

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.

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.
This book aims to provide an evidence-based and highly illustrative approach to a comprehensive repertoire of surgical procedures, including: basic principles, resective surgery, regenerative techniques and periodontal/per-implant plastic surgery. It emphasizes the importance of case selection and planning to successful outcomes and extols the benefits of microsurgical instrumentation. The distinction between periodontal and other 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.

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.

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.

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.
Nicholas J. A. Jepson
Removable Partial Dentures

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.

Michael O'Sullivan
Fixed Prosthodontics in Dental 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.

Robert Wassell | Amar Naru | Jimmy Steele | Francis Nohl
Applied Occlusion

Bestseller

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.

David Bartlett | Paul A. Brunton
Aesthetic Dentistry

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.

Lloyd J. Searson | Martin Gough | Ken Hemmings
Implantology in General Dental Practice

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.

Barbara L. Chadwick | Marie Thérèse Hosey
Child Taming
How to Manage Children in Dental Practice

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.

Chris Deery | Marie Thérèse Hosey | Paula Waterhouse
Paediatric Cariology

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 pulp cap 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, didactical, dramaturgical, and visual appeal, successfully conveys the essentials of cell-to-cell communication, visualizing the invisible while experiencing a fascination with science is the great challenge that 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. Visualizing the invisible yet fascinating world of signals and signaling within the human body.

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.

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—a module of the Cell-to-Cell Communication series—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.

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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.

The new 3D movie Peri-implantitis and its Prevention, the sixth episode of the cutting edge HD video animation series on Cell-to-Cell Communication describes the processes from peri-implant health to mucositis, the transition from peri-implant mucositis to peri-implantitis and finally healing and prevention by visualizing the highly complex intercellular interactions and signaling pathways. Special attention is given on the situation around the healthy, functional dental implant, the aggregation of bacteria on the dental implant surface and the biofilm in the niches. This sophisticated HD video animation even more 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.

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.

Official journal of the International Academy for Adhesive Dentistry (IAAD)

Boasting an editorial board that unites 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.


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.

Official journal of the International Society of Computerized Dentistry
The International Journal of Oral Implantology (ISSN 1756-2406; Volume 13; 4 issues/year)

Editor-in-Chief: Craig Misch

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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Single Issue (hard copy) £34 | €44
Single Issue (e-journal) £42 | €48

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 (EAO), the International College of Prosthodontists and the International Society for Maxillofacial Rehabilitation

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Single Issue (hard copy) £34 | €44
Single Issue (e-journal) £42 | €48

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

2020 Subscription Rates: International Surface Mail | International Air Mail
Full Rate (hard copy) £42 | €48
Full Rate (e-journal) £42 | €48
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Student Rate (e-journal) £20 | €22
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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MICRO is the first journal focusing exclusively on the use of the operating microscope in all disciplines of clinical dentistry. The journal will present six to eight articles per issue featuring various topics: scientific articles exploring the physiology of wound healing in microsurgery; clinical articles discussing microscope imaging and techniques; peer-reviewed articles; and articles reporting microscope case studies. The publication will be printed in full color to display intricate detail.

Official journal of the Japan Association of Microscopic Dentistry (JAMD), Academy of Microscope Enhanced Dentistry (AMED), Brazilian Association of Operatory Microscopy (ABRAMO)

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The Chinese Journal of Dental Research is a peer-reviewed general dental journal in English sponsored by the Chinese Stomatological Association. The journal publishes original articles, short communications, invited reviews, and case reports.

Official journal of the Chinese Stomatological Association

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The emphasis of this journal is on the healthy and pathologic function of the craniomandibular system and the treatment of craniomandibular dysfunction. Its primary goal is to highlight the interdisciplinary aspects of diagnosis and subsequent treatment of craniomandibular dysfunction, thereby intensifying communication between medicine and dentistry. Ultimately, the aim of this practice-oriented journal is to advise clinicians on the most promising treatments available for their patients. Published in a dual English-German format.

Official journal of the German Society of Craniomandibular Function and Disorders

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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 publication of the European Aligner Society (EAS), the Argentine Society of Aligner Orthodontics (SAOA), 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), the Taiwan Association of Aligner Orthodontics (TAAO)

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The Japanese Academy of Sports Dentistry’s official journal (in English). The International Journal of Sports Dentistry provides an overview of the scientific developments in sports-related dentistry around the world, with an emphasis on orofacial injury prevention and management of dentofacial trauma and craniofacial pain.

Official journal of the Japanese Academy of Sports Dentistry

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Founded upon sound scientific principles, this journal continues to make important contributions that strongly influence the work of dental and medical professionals involved in treating oral and facial pain, including TMDs, and headache. In addition to providing timely scientific research and clinical articles, the journal presents diagnostic techniques and treatment therapies for oral and facial pain, headache, mandibular dysfunction, and occlusion and covers pharmacology, physical therapy, surgery, and other pain-management methods.

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

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AUTHOR INDEX

Lin, J. 25
Linden van, F. P. G. M. 43
Linkevičius, T. 15
Liu, Q. 10
Loi, I. 13
Loiacono, P. 3
Lombardo, L. 44
Louise, F. 17
Luongo, G. 15
Lusli, A. 28
Lynch, C. D. 49
MacEntee, M. I. 39
Macldec, I. 47
Magne, P. 31
Manfredini, D. 41
Mangani, F. 28
Mannocci, F. 49
Manolescue, G. 48
Marcantonio, Jr. E. 13
Margolis, F. S. 9
Marinello, A. 44
Marks, L. 9
Martin, M. 48
Marunick, M. T. 39
Marx, R. E. 12
Massironi, D. 30
Mathews, D. P. 43
Matthews, D. 48
McCarthy, S. 47
McKenna, S. J. 12
Meechan, J. G. 48, 50
Memento, E. M. 25
Merli, M. 15
Meyer, C. 10
Mielezsko, A. J. 27
Miles, D. A. 2
Miles, P. G. 45
Mithoefer, T. S. 42
Miron, R. J. 8, 14, 33
Misch, C. 54
Mitchell, C. 47
Mitchell, D. L. 36
Miszkawa, M. 12
Misurati, H. 36
Moore, J. J. 50
Morgan, V. J. 16
Morimoto, T. 42
Moritz, A. 8
Moy, P. K. 13, 19
Murphy, E. 51
Musella, V. 30
Nakahjima, E. 43
Narke, A. 51
Natsuume, N. 5
Naunton, B. 42
Navarro, J. M. 36
Naylor, W. P. 38
Neuendorff, G. 22
Neugebauer, J. 2
Nevis, M. L. 55
Nevis, M. N. 10, 18, 19, 55
Niederman, R. 48
Ninan, D. 9
Nishimura, Y. 37
Noble, S. L. 50
Nohl, F. J. 29
Noelle, A. 22
Nosaka, Y. 19
Nutstein, J. 28
O'Connell, B. C. 27
O'Toole, C. R. 46
Ogle, O. E. 7
Oke, J. P. 40
Okui, M. 46
Oliver, H. 9
Oliani, D. 36
Olivier, M. A. 3
O'Sullivan, M. 51
O'Connel, L. D. 34
Oates, D. A. 41
Pagani, C. 27
Palacci, P. 19
Panichi, H. 44
Parolin, G. 27
Paravina, R. D. 27
Pascarella, R. 30, 37
Pasciute, L. 3
Pates, C. 26
Pedretta, F. 43
Perla, P. 38
Perrotti, G. 3
Peters, C. I. 25
Peters, O. A. 25
Petersen, P. E. 57
Philipson, H. P. 11
Phoenix, R. D. 36
Pikos, M. A. 14
Pine, C. 5
Plevch, P. G. 43
Pollini, M. 3
Pontius, O. J. 26
Potter, C. 8
Pozzi, A. 13
Preshaw, P. M. 50
Prenton, T. 48
Prosper, L. 31
Pyles, R. L. 25
Putignano, A. 28
Radianski, R. J. 4, 7
Raffique, S. 47
Ragrodzki, A. J. 27
Rapicenti, G. 26
Rattan, R. 48
Reader, A. 28
Reichart, P. A. 11
Reichert, R. K. 29
Rekows, D. 2
Renouard, F. 19
Renvert, S. 17
Reusch, J. 32
Reynke, J. P. 11
Ricci, G. 24
Richards, D. 48
Ricketts, D. 49
Richco, J. 25
Rinchuse, D. J. 4
Riquier, H. 37
Ritter, A. V. 29
Robbins, J. M. 30
Robertson, P. 50
Rodrigues, A. H. C. 38
Roig, P. 7
Romano, R. 32
Romanoski, G. E. 16
Romero, D. 17
Romero, G. 30
Roncati, M. 24
Rosenfeld, A. L. 22
Rouse, J. S. 30
Rout, J. 47, 49
Rubin, M. G. 34
Rubinstein, R. 26
Rujf, S. 44
Rushton, V. E. 47, 48
Sabeti, M. 26
Sadan, A. 37
Sadler, R. 32
Saha, S. 50
Sailer, I. 27, 54
Salenbausch, N. 5
Salinas, T. S. 36
Santos dos, J. 40
Sanz, M. 19, 52
Sarver, D. M. 31
Sather, D. A. 23
Sato, N. 44
Sawatari, Y. 10
Schäfer, E. 26, 55
Schafer, M. 28
Schulz, D. 37
Schupp, W. 44, 56
Schröder, N. 34
Schwartz, R. S. 25
Schwarth-Ard, J. 18, 31
Schweiger, J. 22
Sclar, A. G. 18
Scolavino, S. 27
Sculane, A. 24, 57
Scully, C. 47
Scuzzo, G. 44
Sebastian, L. J. 51
Sethi, A. 22
Shah, K. C. 13
Sharav, Y. 40
Shemesh, H. 26
Sheridan, P. 3
Shibli, J. A. 13
Shillingburg, Jr. H. T. 36
Shono, T. 42
Siervo, S. 7
Silva, N. R. F. A. 36
Simons, D. 8
Siqueira, J. J. F. 25
Skovsgaard, H. 7
Slater, M. 48
Sliwowski, C. T. 22, 38
Smith, K. G. 40
Smith, M. T. 41
Soares, P. V. 27
Splietl, C. H. 6, 9
Stadlinger, B. 52
Steichmann, K. 42
Steele, J. 51
Steinbehrge van, D. 14
Stern, D. 12
Stevens, M. R. 12
Stimmelmayr, M. 22
Strub, J. R. 2
Sudo, T. 39
Suso, C. 10
Suzuki, S. 42
Svensson, P. 42
Szmulik-Moncrer, S. 16
Tabanella, G. 12
Tai, S. 44
Takamoto, K. 44
Tardieu, P. B. 22
Tarrow, D. P. 16
Tay, F. R. 26
Tealdo, T. 38
Temple, G. 8
Terheyden, H. 52
Termeie, D. A. 24
Terry, D. A. 9, 28, 30, 46
Testori, R. 3, 13
Thomson, P. J. 50
Tieman, J. 48
Tonetti, M. S. 10
Toranin, J. M. 26
Trombelli, L. 23, 24
Tsujimoto, Y. 55
Tsukiboshi, M. 4
Tsutsui, M. 36
Tsutsui, T. 36
Tugnait, A. 50
Tuncay, O. 44
Uhlmann, U. 9
Urban, I. 12
Vale, M. P. 42
Van Meerbeek, B. 53
Veerkamp, J. 9
Vega, L. G. 12
Vercellotti, T. 11
Vries, de, C. 9
Vries, de, L. 9
Wachtel, H. 19
Wadhwa, G. S. 46
Wakita, M. 42
Wallace, S. 13
Wang, H.-L. 18
Wassell, R. 51
Waterhouse, P. 51
Watzeck, G. 17
Weber, V. 22
Weingart, D. 20
Weinstein, R. 13
Weinstock, R. J. 7
Wel bur, R. 49
Wesker, K. H. 49
Whitworth, J. M. 49
Wiest, L. G. 34
Wilson, J. F. E. 36
Wilson, N. H. F. 5
Wilson, N. 47
Wiskott, H. W. A. 38
Wisemjér, D. 20, 21
Wittkowski, S. 24
Wolf, B. 46
Wolffart, S. 22
Yan, X. 10
Yang, J. 10
Yoshie, H. 4
Young, L. B. 46
Yu, G. Y. 55
Zarow, M. 27
Zhang, H. 10
Zhang, Y. 8
Zoller, J. E. 2
Zuuboc, Iwantschaff, A. 34
Zucchelli, G. 24
Zuhr, O. 19, 23
Zucchelli, G. 24
Zubcov-Iwantscheff, A. 34
Zoeller, A. 22
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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
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155th Midwinter Meeting
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6th–7th March
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19th–21st March
3rd European Aligner Society Congress
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24th–26th April
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24th–25th April
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Oral Reconstruction Global Symposium 2020
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MAY
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21st–23rd May
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10th–14th June
96th Congress of the European Orthodontic Society (EOS 2020)
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12th–14th June
The 26th International Symposium on Ceramics
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1st–4th September
FDI World Dental Congress
Shanghai, China

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8th–10th October
29th Annual Scientific Meeting European Association for Osseointegration (EAO)/
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