Fundamentals of Implant Dentistry: Prosthodontic Principles (Volume I)
John Beumer III, Robert F. Faulkner, Kumar C. Shah, and Peter K. Moy

It is now generally recognized that implant dentistry is driven by the prosthodontic needs of the patient, and so it is fitting that the first book of the two-volume Fundamentals of Implant Dentistry series focuses on the design and fabrication of implant-retained prostheses. The authors of this definitive textbook cover the full range of restorative treatment options for edentulous and partially edentulous situations, from relatively simple problems that can be handled by a solo practitioner to those with substantial prosthodontic complexities, peri-odontal compromise of existing dentition, and significant bone and soft tissue defects. Throughout, the authors emphasize the importance of an interdisciplinary approach and demonstrate how it encourages the best results, particularly when restoring partially edentulous patients. The text covers the latest innovations in diagnostic evaluation, surgical procedures, and the methods and materials used to fabricate prostheses, including the use of CAD/CAM technologies. The authors also address special and sometimes controversial topics in implant dentistry, including the use of implants in irradiated patients and in growing children as well as the symbiotic relationship between orthodontics and osseointegration. Lastly, readers will appreciate the illustrated glossary of terms. This groundbreaking work provides the kind of unrivaled insight that can ensure the highest degree of clinical success in prosthodontic restoration, and it is destined to become the definitive textbook and desk reference for dental students and practitioners alike.

Contents

History and Biologic Foundations • Osseointegration and Its Maintenance • Edentulous Patients • Restoration of Edentulous Mandibles with Overdentures and Fixed Prostheses • Restoration of Edentulous Maxillae with Overdentures and Fixed Prostheses • Restoration of the Posterior Quadrants of Partially Edentulous Patients • Restoration of Multiple- and Single-Tooth Defects in the Esthetic Zone • Implants and Removable Partial Dentures • Implants for the Growing Child • Implants in Irradiated Tissues • Implants and Orthodontics

456 pp; 1,105 illus; ©2015; ISBN 978-0-86715-585-3 (B5853); US $168

Esthetic Implant Restoration in the Edentulous Maxilla: A Simplified Protocol
Karim Dada and Marwan Daas

Based on clinical, radiographic, and computer analysis, the simplified clinical protocols described in this book represent a revolution in the rehabilitation of the edentulous maxilla. The treatment strategy highlights a standardized esthetic analysis and focuses on the importance of the preparatory phases as well as effective communication among the members of the treatment team. The authors outline the design principles and clinical methodology for different treatment options, step by step, and discuss indications for immediate loading, delivery of a fixed prosthesis shortly after the surgery, flapless surgery, and the all-on-four treatment concept, all of which can be used to limit postoperative difficulties for the patient. By simplifying the surgical and prosthetic protocols, the authors of this book have developed predictable esthetic treatment strategies that will be applicable to the largest number of patients and possible by the largest number of clinicians.

216 pp; 606 illus; ©2014; ISBN 978-0-86715-645-4 (B6454); US $124

Edited by John Beumer III, Mark T. Marunick, and Salvatore J. Esposito

This updated textbook provides insights into the latest developments in reconstructive surgery, maxillofacial prosthodontics, and dental care. New chapters present information on digital technology and tissue engineering, and all chapters have undergone significant revision, reflecting advances in the use of implants and free vascularized flaps.

468 pp; 1,555 illus; ©2011; ISBN 978-0-86715-498-6 (B4986); US $198

High-Strength Ceramics: Interdisciplinary Perspectives
Edited by Jonathan L. Ferencz, Nelson R.F.A. Silva, and Jose M. Navarro

Advances in materials science and digital technologies have revolutionized the field of ceramic-based restorative and implant dentistry. Forward-thinking clinicians and dental technicians must negotiate this rapidly changing landscape as they evaluate these new technologies and materials to determine which ones are validated by laboratory and clinical evidence, have the potential to improve patient outcomes, and are practical for clinical application. To provide insight into these issues, the editors of this book have assembled the talents of the various stakeholders in this field. International authorities from a variety of disciplines have come together to share expertise from the biomaterials, industry, clinical, and laboratory perspectives. The result is a book that combines thoughtful analysis of the state of the science with practical clinical advice for dentists and laboratory technicians alike. This book will provide 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.

296 pp; 734 illus; ©2014; ISBN 978-0-86715-639-3 (B6393); US $158

Diagnosis and Treatment in Prosthodontics, Second Edition
Edited by William R. Laney, Thomas J. Salinas, Alan B. Carr, Sreenivas Koka, and Steven E. Eckert

This book addresses the medical and surgical aspects of treating partially and completely edentulous patients and emphasizes the need to attend to the biologic, psychologic, and social dimensions of illness and care. This book presents a multidisciplinary approach to diagnosis and treatment. New technologies and materials in immediate loading, ceramic materials, and 3D imaging techniques allow more predictable and successful outcomes.

352 pp; 578 illus; ©2011; ISBN 978-0-86715-404-7 (B4047); US $189
Michael I. MacEntee

This completely updated step-by-step manual provides the knowledge and skill needed for clinicians to effectively rehabilitate patients who are completely edentulous. Treatment involving complete dentures is not simply a mechanical skill; it demands an accurate diagnosis of systemic and local problems as well as a focus on prosthetic design. In this book, the author expands on these essential skills as he describes a standardized pathway based on scientific principles to mastering the art of fabricating a complete denture.

Contents:
Impressions • Master Casts • Maxillary Anterior Teeth • Recording the Relationship of the Jaws and Arranging the Maxillary Anterior Teeth • Arranging the Mandibular Anterior Teeth and All Posterior Teeth • Clinical Evaluation of the Teeth in Wax • Processing Acrylic Resin • Adjustment and Insertion of the Dentures • Relining and Repairing a Complete Denture • Immediate Dentures • Implant Overdentures


Dental Implant Prosthetics: A Patient-Oriented Strategy
Edited by Stefan Wolfart

Although literature on the surgical aspects of dental implantology is abundant, there has not been a comprehensive and systematic text to address implant-supported prosthetic rehabilitation—the ultimate goal of almost all dental implant surgeries. Written by a team of renowned authors, this book satisfies that need in exemplary fashion. With more than 2,000 illustrations and a full complement of restorative algorithms, it offers coherent, evidence-based strategies for prosthetically driven implant surgery and custom esthetic restoration, from initial planning through prosthetic delivery and follow-up. In addition, key aspects of interactions between the implant surgeon and the prosthodontist, the prosthodontist and the dental technician, and the patient and the treatment team are discussed in detail. This book is a must for all clinicians involved in implant restoration and is destined to become a standard reference work.

728 pp; 2,163 illus; ISBN 978-1-85097-282-2 (B9086); Available Summer 2015

Principles and Practices of Complete Dentures: Creating the Mental Image of a Denture
Iwao Hayakawa

In this well-illustrated book, the author presents his innovative and time-tested approach for constructing a functional complete denture. Includes many clinical tips for denture fabrication.

255 pp; 714 illus; ©1999; ISBN 978-4-87417-607-8 (B9907); US $135

Clinical Success in Immediate Complete Dentures: An Alternative Approach
Michel Pompignoli, Michel Postaire, and Didier Raux

This book presents the clinical and laboratory protocols for successful treatment of a hopeless dentition using an immediate complete denture delivered on the same day as the extractions.

92 pp (softcover); 233 illus; ©2008; ISBN 978-2-912550-57-6 (B9304); US $89

Dental Ceramics: Essential Aspects for Clinical Practice
Christoph Hämmerle, Irena Sailer, Andrea Thoma, Gianni Häg, Ana Suter, and Christian Ramel

This practical compendium reviews the state-of-the-art materials and technologies of cosmetic dentistry and their use in veneers, single crowns, fixed partial dentures, and implant-supported restorations.

136 pp; 221 illus; ©2008; ISBN 978-1-85097-181-8 (B9041); US $89

Columbus Bridge Protocol: Immediate Loading Bridge (Book/DVD-ROM set)
Tiziano Tealdo, Marco Bevilacqua, and Paolo Pera

The Columbus Bridge Protocol provides for the realization of a full-arch, screw-retained, functionally loaded provisional prosthesis within 24 to 48 hours after implant surgery in the maxilla. Every aspect of treatment is addressed, including diagnostic procedures, choice of implant and abutment types, data transfer to the laboratory, laboratory procedures, surgical procedures, choice of restorative materials, delivery of the provisional and definitive prostheses, complication management, and instructions for hygiene and follow-up care. Two cases of full-arch treatment are presented in the text, and an accompanying DVD also presents a complete clinical case.

388 pp; 700 illus; ©2012; ISBN 978-88-7492-154-6 (B9511); US $280
Soft Tissue Management: The Restorative Perspective—Putting Concepts into Practice
Ariel J. Raigrodski

The soft tissue–restorative interface is where the artistry of the dental technician meets the clinical skill of the restorative dentist. The challenge for the clinician lies in managing the soft tissue frame, the essence of restorative dentistry. This compelling clinical monograph outlines a simplified approach to finish line design and preparation that is exceedingly practical. 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. Employing strict evidence-based principles, the author provides clinical tools for effective soft tissue management that will prevail even as technology in dentistry continues to evolve.

Contents
Fundamental Concepts of Periodontal Tissues • Preparation Design • Therapeutic Provisional Restorations • Impression Making • Accurate Transfer of Soft Tissue Contours to the Dental Laboratory • Abutment Selection for Cement-Retained Implant-Supported Restorations • Ceramic Screw-Retained Implant-Supported Restorations • Delivery Procedures

208 pp; 779 illus; ISBN 978-0-86715-691-1 (B6911); Available Early 2015
Foundations of Dental Technology: Anatomy and Physiology
Arnold Hohmann and Werner Hieldscher

Dental technicians must have a comprehensive knowledge of dental anatomy, physiology, and pathology in order to work with dentists to produce successful prostheses. Much training for dental technicians is spent on honing sound technical skills, but this textbook lays out the theoretical foundation that is prerequisite for reproducing functional and esthetic teeth and replacement tissues for individual dentitions. By providing the medical and technical context for dental technology work and focusing on the functional interrelationship among the anatomical components, the authors establish the variables and criteria for measuring success. This book provides the high-level technical knowledge necessary to develop profession-specific competence and innovation in dental technology.

Contents
- Fundamental Concepts of Dental Technology
- Cells and Tissues
- Dental Tissues
- Morphology of Teeth
- Morphology of the Dentition
- Cranial Anatomy
- Physiology of Mandibular Movement
- Articulators
- Pathology of the Orofacial System
- Orthodontics
- Splint Therapy

Available Summer 2015

Esthetic Dental Strategies: Art, Science, and Technology
Stefano Inglese

In this beautifully illustrated volume, the author encourages readers to understand natural tooth forms through simple observation in order to create dental restorations that look natural in the context of the mouth, face, personality, and age of the specific patient being treated. The author focuses on the morphologic characteristics of teeth and their relationship to the surrounding structures, such as the lips and gingiva. It also examines the tooth surface at the micro and macro levels and how its effects on light reflection can change the appearance, size, and morphology of teeth. All the phenomena and optical properties that must be understood and re-created in restorations in order to achieve lifelike results are analyzed, and a classification based on the shape and contour of the tooth is presented. Clinical cases provide practical application of these concepts.

Available Summer 2015

Natural Waxing-Up Technique (DVD-ROM)
Dieter Schulz

This DVD presents the “occlusal compass” and the natural waxing-up technique. This DVD includes a presentation of the applicable anatomy, nomenclature, dental coordinate system, and the waxing up of all segments of a maxillary molar and an entire quadrant following the natural waxing-up technique. A step-by-step demonstration shows how to locate contact points and where spaces must be maintained.

©2013; ISBN 978-3-86867-202-2 (C2115); US $38

Guide to Occlusal Waxing, Third Edition
Herbert T. Shillingburg, Jr, Edwin L. Wilson, Jr, and Jack T. Morrison

A study manual styled for convenient reference during occlusal waxing. Six views of each tooth depict occlusal morphology, centric contacts, inclined planes, excursive pathways of opposing cusps, and proximal contacts from buccal and occlusal views.

58 pp (spiral bound); 181 illus; ©2001; ISBN 978-0-86715-385-9 (B3857); US $30

Attachments in the Laboratory
Frank Kaiser

This unique atlas provides a meticulous study of approximately 75 different types of attachments currently found on the market. The classification of these connectors by concept (function; mechanism; and location, such as intraoral, extracoronal, on bars, or for overdentures) allows for better clinical decision making and improved communication between dentists and laboratory technicians. Laboratory procedures are detailed step by step, enhanced by objective explanations, 3D schemata, and detailed photographs. An invaluable reference for every dental technician.


Dental Materials and Their Selection, Fourth Edition
Edited by William J. O’Brien

This book presents material properties and shows how to apply the framework of materials science to restorative treatments. This approach will enable students to select and handle materials for optimum clinical performance.

448 pp; 250 illus; ©2008; ISBN 978-0-86715-437-5 (B4375); US $68

Challenging Nature: Wax-Up Techniques in Aesthetics and Functional Occlusion
Paulo Kano

Written for students as well as experienced clinicians, this unique atlas will change the way that technicians wax up teeth. It guides readers, step by step, through the author’s revolutionary wax-up technique to re-create the complex morphology of premolar and molar teeth. The accompanying text provides straightforward explanations and illustrations of all techniques. Lavishly illustrated throughout, each chapter builds technical knowledge with sections on nomenclature, morphology, wax handling and application, functional wax-up sequences for maxillary and mandibular dentition, and adhesive cementation and culminates in a series of impressive clinical cases. A must-have resource for any dental technician wanting to review occlusal form and improve the functional morphology of posterior restorations.

384 pp; 800 illus; ©2011; ISBN 978-1-85097-203-7 (B9062); US $280

Attachments in the Laboratory
Frank Kaiser

This unique atlas provides a meticulous study of approximately 75 different types of attachments currently found on the market. The classification of these connectors by concept (function; mechanism; and location, such as intraoral, extracoronal, on bars, or for overdentures) allows for better clinical decision making and improved communication between dentists and laboratory technicians. Laboratory procedures are detailed step by step, enhanced by objective explanations, 3D schemata, and detailed photographs. An invaluable reference for every dental technician.

Quintessence of Dental Technology 2015
Edited by Sillas Duarte, Jr

With its focus on the newest techniques and materials for esthetic restorative outcomes, QDT 2015 features original articles on CAD/CAM, conservative adhesive restorations, non-prep veneers, pink esthetics, full-mouth reconstructions, and overall challenging cases. Two State of the Art articles are presented: Mastering Esthetic and Functional Rehabilitation of the Severely Worn Dentition, by Sergio Arias et al, and CAD/CAM Technology for Complete Denture Fabrication, by Tae Kim and Sillas Duarte, Jr. Neimar Sartori et al provide this year’s Biomaterials Update on CAD/CAM High-Strength Glass Ceramics.

Authors include:

220 pp; 915 illus; ©2015; ISBN 978-0-86715-689-8 (J0626); US $132

Also Available:
• 2014 (Vol 37) (J0625); US $128
• 2013 (Vol 36) (J0624); US $499
• 2012 (Vol 35) (Book only); US $999
• 2011 (Vol 34) (Book only); US $749
• 2010 (Vol 33) (Book only); US $749

*While supplies last.

ATLAS OF DENTAL REHABILITATION TECHNIQUES
Romeo Pascetta and Davide Dainese

The talented ceramist authors of this book illustrate the working techniques necessary to create esthetic and functional dental prostheses that reproduce the look of natural teeth. In addition, they detail the technology, materials, and equipment used in their laboratory and underscore the significance of accurate planning, precision work, and clinical and laboratory communication. Intended as an accessible and quick-to-consult volume, this exceptional book provides the reader with useful details to address many techniques.

416 pp; 1,496 illus; ©2015; ISBN 978-0-86715-689-8 (J0626); US $132

Shape and Color: The Key to Successful Ceramic Restorations
Gérald Ubassy

The study of shapes and how they interact with color is the focus of this book. The author stresses the need for interpersonal contact between the dentist and dental technician and emphasizes the importance of observation of natural teeth to achieve esthetic, long-lasting restorations.

216 pp; 463 illus; ©1995; ISBN 978-0-86715-207-4 (B2079); US $100

Stephen J. Chu, Alessandro Devigus, Rade D. Paravina, and Adam J. Meleszko

This book simplifies the study of color and helps dentists communicate shade easily and accurately. It begins with the basics of color theory within the context of esthetic dentistry. Chapters on conventional and technology-based shade matching provide step-by-step shade-matching protocols. This updated and expanded edition also includes chapters on the use of digital photography for shade verification and the influence of material selection on color matching.

168 pp (softcover); 366 illus; ©2011; ISBN 978-0-86715-497-9 (B4979); US $68

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