

Esthetic And Restorative Dentistry Material Selection And Technique Second Edition

The research in the field of esthetic and restorative dentistry led to the achievement of the long sought dream of virtually bonding any type of material to the tooth surface. The advances in the restorative materials and bonding techniques have changed the concept of "Extension for prevention" as "Restriction with conviction." The purpose of writing this book is to summarize all information available on this topic under a single text book, to making it convenient for under graduate as well as post graduate students of dentistry.

This dynamic multi-contributor book illustrates important esthetic and restorative dental procedures as they are used in everyday clinical situations. It is designed to explain how a selected material and/or instrument can be used as part of a thorough protocol to achieve restorative excellence. With the scientific knowledge and clinical and laboratory expertise of an elect international editorial team, this book encompasses many facets of dentistry including biomaterials, dental technology, operative dentistry, prosthodontics, orthodontics, periodontics, and implant dentistry. Each chapter is divided into two parts. The first part consists of the latest evidence-based clinical concepts and biomaterials information related to the topic. The second section provides step-by-step high-quality illustration of the associated clinical procedures. The detailed photographic description of restorative and surgical procedures will ensure proper decision making and enhanced technique. Clinicians, technicians, and auxiliary staff will discover ways to make improvements in their work, maximize their productivity, and provide improved oral health to their patients.

Procedures -- Tips -- References -- 10.3 Non-vital Bleaching (Video) -- Principles -- Procedures -- Tips -- References -- 11 Implants in the Aesthetic Zone -- 11.1 Pre-operative Evaluation (Video) -- Principles -- Procedures -- Tips -- References -- 11.2 Abutment Selection -- Principles -- Procedures -- Tips -- References -- Further Reading -- 11.3 Impression Taking in Implant Dentistry (Video) -- Principles -- Procedures -- Tips -- Reference -- Further Reading -- 11.4 Screw versus Cemented Implant-Supported Restorations -- Principles -- Procedures -- Tips -- References -- Further Reading -- 11.5 Implant Provisionalisation (Video) -- Principles -- Procedures -- Tips -- References -- 11.6 Pink Aesthetics -- Principles -- Procedures -- Tips -- References -- 11.7 Implant Maintenance and Review (Video) -- Principles -- Procedures -- Tips -- References -- Index -- EULA

This Elsevier title is a Pageburst product which provides you with the printed volume PLUS an e-book. Pageburst (formerly Evolve eBooks) allows you to quickly search the entire book, make notes, add highlights, and study more efficiently. Buying other Pageburst titles makes your learning experience even better: all of the eBooks will work together on your electronic 'bookshelf' so that you can search across your entire electronic library. Advanced Operative Dentistry: A Practical Approach is a brand new volume that addresses the use of fixed prosthodontics in a single handy reference source. Prepared by editors and contributors of international renown, this volume places unique emphasis on the biological basis of effective treatment planning by describing the diagnosis, aetiology, risk assessment and preventive management of diseases and disorders and how these factors are integral to predictable long-term patient outcomes. Advanced Operative Dentistry: A Practical Approach also gives clear advice on the selection and use of modern dental materials and describes how teeth are prepared – and to what extent – for indirect restorations such as crowns, bridges, veneers, inlays and onlays. The book also explores the use of complex indirect fixed prosthodontics which brings with it specific issues of restoration design, retention and occlusal management. Recognising that great deal of emphasis is placed on aesthetic dentistry by patient and dentist alike, this text also discusses factors which can impact upon aesthetics and how the aesthetic demands of patients can be met in a realistic and ethical manner. Clearly written and fully illustrated throughout, this practical step-by-step guide will be ideal for undergraduate dental students, vocational trainees and practitioners undertaking post-graduate exams. Prepared by editors and contributors of international renown Contains an abundance of full colour, clinical illustrations to show the results that can be achieved in real life Describes how to achieve the best appearance in order to meet increasing patient expectations Discusses the use of fixed prosthodontics in one volume and how fixed and removable prosthodontics can be integrated Gives unique emphasis on the preventative, biological approach to the use of fixed prosthodontics in order to ensure positive long-term treatment outcomes Clearly illustrates why aspects of tooth preparation are necessary and how the construction of restorations influences their fit Provides an integrated, multidisciplinary step-by-step guide to the provision of indirect fixed restorations Provides guidance on effective communication with laboratory staff to ensure high-quality tooth preparation Describes the correct handling of materials and restorations when being fitted Presents the latest findings regarding the use of contemporary materials and techniques – such as the use of Expasyl, Protemp temporary crowns, CAD and CAM crowns Comprehensive coverage of the subject area makes cross-referencing to other books unnecessary

This book provides the theoretical knowledge required by students when learning how to diagnose oral diseases, plan treatment, and perform various types of dental restoration. It is also useful for clinicians wishing to update their treatment skills and broaden their understanding operative dentistry. Adopting an evidence-based approach, and in accordance with the philosophy of minimally invasive dentistry, it explains in detail the use of both classic and new restorative materials in various clinical situations. It also discusses the principles of smile analysis, as well the technique for esthetic composite restorations on posterior and anterior teeth, including direct and indirect veneers. In addition to richly illustrated, step-by-step descriptions of procedures, it offers essential information on basic topics, such as dental instruments and equipment, nomenclature and general principles of tooth preparation, isolation of the operating field, matrix and wedge systems, light curing, and pulpal protection. Furthermore it addresses the diagnosis of dental caries and tooth sensitivity of non-cariou origin, like dentin hypersensitivity, dental erosion and cracked tooth syndrome, together with their treatment options. Also explaining the fundamental ergonomic principles of clinical practice, the book enables undergraduate students to embark on a successful professional career.

This new edition is a complete guide to operative dentistry. Beginning with an introduction, physiology, dental caries and tooth preparation, the text also discusses pain and infection control. The following sections examine different operative procedures. New techniques such as minimal intervention dentistry, nanotechnology and lasers; and advances in dental materials are discussed in detail. More than 1200 colour images, illustrations, flow charts and tables are included. Key points Complete guide to operative dentistry Discusses numerous different procedures, and pain and infection control New techniques and advances in materials described in detail More than 1200 colour images, illustrations, flow charts and tables Previous edition published in 2010

Dental students are faced with an array of operative procedures; understanding and the development of competence in their use is demanding. This text aims to detail and justify the basic principles involved in operative procedures with the intention of reinforcing understanding and improving clinical skills. Direct and indirect restorations and endodontic procedures are addressed. Not only for the student, this book is also designed as a source of reference for all practitioners who carry out restorative dentistry and are faced with the introduction of new materials and techniques. Referral to this text and evidence-based practice will assist the clinician in the appropriate selection of newer approaches to the delivery of modern day care.

Preceded by Esthetic & restorative dentistry / Douglas A. Terry, Willi Geller. 2nd ed. c2013.

Esthetic dentistry is the ultimate challenge for the restorative dentist. A restoration must not only look good, it must also

function well and endure the test of time. Esthetics in Dentistry has been an important resource in the practice of general dentistry and orthodontics for more than a quarter century. This full-colour revision of the original classic contains an incredible number of advances in techniques and materials. Dr. Ronald Goldstein presents the principles, communication techniques and treatment methods for selecting patients and creating esthetic restorations. Treatments include cosmetic contouring, bleaching, bonding, etched porcelain restorations and crown restorations.

INTRODUCTION Esthetic dentistry can be defined as the art and science of dentistry, applied to create or enhance beauty of an individual within functional and physiological limits. Where as cosmetic dentistry is application of the principles of esthetics and certain illusionary principles, performed to signify or enhance beauty of an individual to suit the role he has to play in his day to day life or otherwise. Appearance is closely linked to social acceptance and professional success. No longer are people satisfied with just looking good, it must be coupled with a complete feeling of total well-being. Newer technologies are being harnessed for this purpose and advanced research is being undertaken. Thus, focus of dentistry in the present times is not only on prevention and treatment of disease but also on meeting the demands for better esthetics. Newer dental materials developed for esthetic enhancement are now chosen for their excellent mechanical as well as esthetic qualities. Esthetic dentistry is emerging as one of the most progressive and challenging branches of this field. Thus dentistry has evolved from a curative to a creative science in a very short span. The modern history of esthetic restorative materials was started with silicate cement, introduced by Fletcher in 1878, the principle anterior restorative material of those days. But, silicate cements were discouraged later on because of their poor strength, irritation to pulp tissue and brittleness. Even the nature of its setting and structure were but imperfectly understood. Self curing acrylic resin was introduced to the dental profession in the mid- 1950s. Initially used for the construction of denture bases, acrylic resin has also been used for many other purposes, including denture teeth, temporary restorations, intraoral splints and veneering agents for crowns and bridges. Since their introduction, acrylic based materials have continued to play a major role in restorative and prosthetic dentistry. But they too showed poor physical properties like high polymerization, shrinkage and coefficient of thermal expansion, irritation to pulp and dimensional instability. In attempt to improve their properties, and the potential for greater application of resins came about with the introduction of the bisphenol A and glycidyl methacrylate, or BIS-GMA, system by R Bowen in the early 1960s .

Using a proven pedagogical organization, this updated Fifth Edition of Gladwin and Bagby's market-leading title focuses on providing students with a dental materials background that emphasizes the clinical aspects of dental materials, while also introducing concepts of materials science. The book's three-part structure addresses types of dental materials in the 22 chapters of Part I, includes laboratory and clinical applications (essentially a built-in lab manual) in Part II, and presents 11 case studies in Part III that serve as an overall review and help students strengthen their critical thinking skills when providing patient care. Up-to-date content that reflects the latest advances in dental materials, clinical photos, review questions, and online videos all combine to help students develop the understanding of dental materials they need for successful dental hygiene practice.

A comprehensive and important issue devoted to the diagnosis and treatment of the most common esthetic needs! Topics will include overcrowding in the esthetic zone, tooth whitening, minimum thickness anterior indirect porcelain restorations, major esthetic and occlusal changes via direct composite restoration, adhesives and cements for use with modern esthetic restoration, multi-restorative treatment with all ceramic, congenitally missing lateral incisors, diastemata closure, use of direct composite to correct malposition, malformation, and color change, digital photography as an adjunct to diagnosis and lab communication, soft and hard tissue management using lasers in esthetic restoration, esthetic and functional considerations in restoring endodontically treated teeth with post and core, and much more!

This is a Pageburst digital textbook; This book/CD-ROM helps users master the art of color selection to achieve the best esthetic results in dental procedures, such as those related to cosmetic dentistry, restorative dentistry, and prosthodontics. It covers everyday dental techniques that require the dentist to precisely match dental materials to patients' teeth. The book's nine easy-to-read chapters serve as a basis for color training - from colorimetry and the properties of natural teeth, to the specifics of color perception and reproduction of color. The accompanying CD-ROM uses interactive color-block exercises to train and test users on discerning lightness, hue, and chroma changes, as well as total color differences. Short, easy-to-read chapters present only the most important concepts of each topic, allowing for quick completion and comprehension. The newest techniques in esthetic dentistry are presented, with implications for the future of each topic. Full-color, high-quality art program serves as an instrumental tool in learning about color and shading, providing color images for reference. A total of 31 expert contributors from a variety of dental schools lend their experience and knowledge of color and dental materials, ensuring accuracy of all material. Interactive "drag-and-drop" exercises on CD-ROM sharpen users' color-matching skills by challenging them to arrange color blocks. CD-ROM exercises are logically ordered from least complex to most difficult, so that as users master topics, the next exercises expand upon concepts and challenge users to recall concepts and techniques. CD-ROM exercises can be performed multiple times for unlimited practice.

Esthetic dentistry is an area of recognizable growth around the world and it often brings considerable challenges for the clinician. Nairn Wilson CBE - one of the world's leading dental educationalists - presents a unique volume designed to introduce practitioners to the world of esthetic dentistry with the goal of safely expanding his or her current scope of practice. Richly illustrated and in full colour throughout, this beautiful volume will guide readers through the key issues relating to modern dental esthetics and includes a discussion of dental ethics, patient psychology, treatment planning and the delivery of care, the management of recession defects, patient assessment and clinical techniques as well as an exploration of the importance of teamwork and the maintenance of dental attractiveness. Whether you are newly qualified or an experienced dental practitioner, this volume will be ideal for skill enhancement and is designed for use throughout the world. .."simple, clinically relevant and with up-to-date text providing invaluable tips on many advanced restorative procedures." Reviewed by Zenab Mushtaq on behalf of BDJ Student, July 2015

invisible is a remarkable book which combines cutting-edge dental techniques with the production values of the finest art books. Written by two of the world's pre-eminent aesthetic dentists, invisible describes and demonstrates numerous clinical cases with the aid of over 1,750 outstanding clinical pictures. The book provides a consistent, step by step approach with a focus on treatment planning, pre-treatment,

material selection, preparation and impression technique, as well as laboratory procedure and adhesive insertion. This book includes the newest restorative approaches and will serve as an important guide for both dentists and dental technicians working in the field of aesthetic dentistry. The huge number of illustrations and incredible production quality means this is a book which will also be of immense practical value to the dentist guiding his patient through their course of treatment.

Get an in-depth understanding of the dental materials and tasks that dental professionals encounter every day with *Dental Materials: Foundations and Applications*, 11th Edition. Trusted for nearly 40 years, Powers and Wataha's text walks readers through the nature, categories, and uses of clinical and laboratory dental materials in use today. Increased coverage of foundational basics and clinical applications and an expanded art program help make complex content easier to grasp. If you're looking to effectively stay on top of the rapidly developing field of dental materials, look no further than this proven text. Comprehensive and cutting-edge content describes the latest materials commonly used in dental practice, including those in esthetics, ceramics, dental implants, and impressions. Approximately 500 illustrations and photographs make it easier to understand properties and differences in both materials and specific types of products. Review questions provide an excellent study tool with 20 to 30 self-test questions in each chapter. Quick Review boxes summarize the material in each chapter. Note boxes highlight key points and important terminology throughout the text. Key terms are bolded at their initial mention in the text and defined in the glossary. Expert authors are well recognized in the fields of dental materials, oral biomaterials, and restorative dentistry. A logical and consistent format sets up a solid foundation before progressing into discussions of specific materials, moving from the more common and simple applications such as composites to more specialized areas such as polymers and dental implants. Learning objectives in each chapter focus readers' attention on essential information. Supplemental readings in each chapter cite texts and journal articles for further research and study. Conversion Factors on the inside back cover provides a list of common metric conversions. NEW! *Foundations and Applications* subtitle emphasizes material basics and clinical applications to mirror the educational emphasis. NEW! More clinical photos and conceptual illustrations help bring often-complex material into context and facilitate comprehension. Originally published: Oxford: Mosby, 2014.

Help your patients look better and improve their self-esteem with this complete, user-friendly guide to all of the latest esthetic dentistry procedures that are in high demand. Thoroughly updated by the most renowned leaders in the field, the new third edition of *Esthetic Dentistry: A Clinical Approach to Techniques and Materials* offers clearly highlighted techniques in step-by-step fashion, with unmistakable delineation of armamentarium, for the treatment of esthetic problems. Hundreds of clinical tips are included throughout the book to help alert you to potential problems, variations on techniques, and other treatment considerations. Plus, an invaluable troubleshooting guide covers the different types of esthetic problems (such as size, discoloration, and spacing issues), potential solutions, and references to chapters where the specific problem is discussed in detail. With this expert reference in hand, you will have all you need to master the latest esthetic procedures that your patients want! Troubleshooting guide at the beginning of the book features tabled information containing a quick snapshot of the problem, the solution, and where in the text it can be found. Hundreds of clinical tips throughout the book alert you to potential problems, variations on techniques, and other treatment considerations. Short narratives utilize a user-friendly format that works as a dependable reference, as well as a quick, at-a-glance guide. Part 2: Principles of Esthetics provides a detailed discussion of the fundamentals of esthetics and its relevancy to dentistry. Part 3: Esthetic Materials and Techniques assists you in selecting the correct materials for a specific clinical situation. Part 4: Esthetics and Other Clinical Applications offers an overview of how esthetics relates to other clinical specialties including, periodontics, orthodontics, implants, oral surgery, pediatrics, occlusion, laser surgery, oral photography, CAD/CAM technology, dermatological pharmaceuticals, and plastic surgery. NEW! Extensively revised content incorporates extensive updates within 95% of the chapters. NEW! Chapter on CAD/CAM technology addresses the advantages and disadvantages of CAD/CAM technology, and gives brief overviews of the most popular systems on the market. NEW! Chapter on occlusion looks at the fundamental concepts of occlusion, including: temporomandibular joints and surrounding structures; uniform tooth contacts; coupled anterior teeth; phonetics; occlusal vertical dimension; and more. NEW! Chapter on dermatological pharmaceuticals inspects the underlying processes that cause facial aging, as well as botulinum toxin, facial fillers, and combination treatment. NEW! Completely revised chapter on dental marketing addresses both external and internal marketing, the classic 4Ps concept, electronic marketing, how to build a marketing program, and more. NEW! Chapter on eating disorders reviews anorexia nervosa, bulimia nervosa, and binge eating or eating disorders not otherwise specified, along with the oral manifestations of eating disorders and considerations when approaching a patient presenting with suspected symptoms of an eating disorder. NEW! Chapter on domestic violence addresses what domestic violence is, the dental assessment, the legal issues surrounding domestic violence and the dentist, and how to best talk to the patient who might be a victim. Completely updated art program features over 1,300 full color illustrations and photographs with esthetically and clinically accurate renderings to give you a clear picture of the intended outcome in key areas such as bleaching, tooth coloring, implants, and more. Spanish version also available, ISBN: 84-8174-567-7 QDT 2011 presents new concepts, laboratory techniques, and materials for restorative dentists and dental technicians seeking to stay abreast of developments in esthetic dentistry. Original articles, beautifully displayed in typical QDT fashion, focus this year on ultraconservative restorations, the art of mimicking nature, and overall excellence in dental esthetics. This year's "State of the Art" article presents artistry using CAD/CAM technology in implant dentistry, and "Biomaterials Update" reveals current concepts in adhesive cements for esthetic restorations. The masters themselves display their expertise in QDT 2011.

With *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*, 3rd Edition, you will learn the most current methods of placing - or assisting in the placement - of dental materials, and how to instruct patients in their maintenance. Easy-to-follow, step-by-step procedures show how to mix, use, and apply dental materials within the context of the patient's course of treatment. The multidisciplinary author team enhances this edition with new chapters on preventive and desensitizing materials, tooth whitening, and preventive and corrective oral appliances, with new clinical photos throughout. An Evolve website provides new chapter quizzes for classroom and board exam preparation! An emphasis on application shows how dental materials are used in day-to-day clinical practice. Step-by-step procedure boxes list detailed equipment/supplies and instructions on how to perform more than 30 key procedures, with icons indicating specific guidelines or precautions. Chapter review questions help you assess your understanding of the content and prepare for classroom and board examinations. Clinical tips and precautions are provided in summary boxes, focusing on the Do's and Don'ts in clinical practice and patient care. Case-based discussions include scenarios that apply dental materials content to daily practice, encourage critical thinking, and reinforce proper patient education. An Evolve companion website offers practice quizzes, interactive exercises, competency skill worksheets, and vocabulary practice. NEW! Chapters on preventive and desensitizing materials, tooth whitening, and preventive and corrective oral appliances expand and reorganize this material to keep pace with dynamic areas. NEW! Cutting-edge content reflects the latest advances in areas such as nano-glass ionomer cements, dental implants, and fluoride varnishes. NEW! Clinical photographs throughout (more than 550 total) show dental materials being used and applied. NEW online quizzes provide even more practice for test-taking confidence, and include rationales and page references for remediation.

Stay up to date with the uses, properties, and handling of dental materials! With just the right level and scope of content, *Dental Materials: Clinical Applications for Dental Assistants and Dental Hygienists*, 4th Edition, emphasizes how knowledge of dental materials fits into day-to-day clinical practice. This hands-on resource features clinically focused content supplemented liberally with high-quality photographs, case applications, clinical tips and warnings, and step-by-step procedures, as well as practice opportunities on a companion website. A focus on

application and strong art program with additional modern illustrations make this often-difficult subject matter approachable and relevant for today's dental team members. A focus on clinical application — content presentation, tips and precautions, and case scenarios. Art program with nearly 600 images, including a mixture of full-color conceptual renderings and clinical photographs. Step-by-step procedures with artwork and icons. Practice opportunities for classroom and board exam prep include chapter review questions and discussion topics and practice quizzes on Evolve. Vocabulary practice — key terms called out in chapter and defined in glossary. Robust student practice opportunities such as competency skill worksheets, and educator support materials. An Evolve companion website with student practice opportunities and educator support materials. Full-color presentation shows dental materials being used and applied. NEW! Additional application criteria listings support optimal decision making. NEW! Additional modern illustrations enhance comprehension of complex biomaterials concepts. NEW! Evidence-based content on dynamic areas such as esthetics, ceramics, implants, and impressions. IMPROVED! Test Bank with cognitive leveling based on Bloom's Taxonomy and mapping to National Board Dental Hygiene Examination (NBDHE) blueprint.

This book presents the state of the art in color science and explains its application to dental structures and materials, using high-quality illustrations to ensure ease of learning. Most people seek a bright smile with a natural appearance. This goal often poses a great clinical challenge for the dentist, and its achievement is dependent on a good knowledge of color science and optical properties relevant to dentistry. Further, if a smile is to be esthetically improved to the patient's satisfaction, the dentist must be able to extract the best from dental materials and techniques, must understand all aspects of facial harmony, and must communicate effectively with both the patient and lab technicians. All of these aspects are thoroughly explored in the book, with detailed coverage of such topics as visual and instrumental shade matching, color management, and avoidance of complications and pitfalls. Color and Appearance in Dentistry will be of high value to all who are engaged in the daily practice of esthetic dentistry.

This issue of Dental Clinics of North America focuses on The Journey to Excellence in Esthetic Dentistry and is edited by Drs. Yair Whiteman and David Wagner. Articles will include: Becoming an Expert in Minimally-Invasive Esthetic Dentistry: The Road Map; Building your Brand in Esthetic Dentistry: Developing your Style, Reputation, and Marketing; Photography: The Complete Guide and Workflow for Esthetic Dentistry; Dentist-Ceramist Communication: Building an Effective Esthetic Treatment Team; Training your Eye to Understand SHAPE--the Ultimate Determiner of Esthetic Dentistry Success; Implementing Digital Dentistry into your Esthetic Dental Practice; Review of the Latest Adhesive Materials and Techniques for Esthetic Dentistry in the Minimally-Invasive Age; Review of the Latest Restorative Materials and Techniques for Esthetic Dentistry in the Minimally-Invasive Age; Orthodontic-Restorative Multidisciplinary Cases: A Communication Guide; and more!

Restorative dentistry is based on four basic principles: biocompatibility of materials, reduced tissue damage, longevity of restorations and esthetic considerations. The steady advance in the development of materials, coupled with improved understanding of ceramic bonding, reinforcement and light transmission, has given further emphasis to the esthetic aspects of restoration. This extensively illustrated text, prepared by a team with international experience, discusses these basic principles and presents a detailed clinical guide, for both the practitioner and the technician, to the esthetic techniques required for improving, restoring or rebuilding single teeth with various ceramic systems.

While adhesive techniques have already penetrated almost all fields of dentistry, a gap remains between accepted treatment modes and what is carried out in daily practice. This book, a compilation of the proceedings from the 3rd European Symposium on Adhesive Dentistry, provides the information, arguments, and data that clinicians need to incorporate adhesive dentistry into their daily practice. Leaders in the field present the rationale for adhesive techniques in esthetic restorative dentistry. Minimally invasive dentistry and specific issues faced by clinicians using adhesive techniques with ceramic and resin composite restorations are also discussed. Finally, two concluding chapters remind clinicians that they are dentists operating in a biologic system with the objective to restore patients' health.

As esthetic dentistry continues to grow in popularity, dentists are offered an opportunity to expand their practices and attract new patients. Esthetic Dentistry in Clinical Practice provides dentists with the skills to take advantage of that opportunity. Clearly outlining esthetic procedures, the book enables dentists to treat patients in an efficient and clinically sound manner, bringing esthetic dentistry to everyday practice.

In today's modern dental practice, the patient's role has changed--from petitioner seeking pain relief to client requesting a wide range of services, including improved looks. Often the patient will decide between amalgam, gold, composite or ceramics as the material of choice for a posterior tooth restoration, or have a say in the processing method used for its fabrication! This lavishly illustrated new volume in the prestigious Color Atlas of Dental Medicine Series explores the full scope of today's rapidly growing practice of aesthetic dentistry and its future evolution. You will find full coverage of the improved aesthetics and biocompatibility possible in new all-ceramic and metal-ceramic systems, plus details on in-lay, onlay, and veneer processing methods. And you will benefit from the informed discussion of each technique and system, complete with the advantages and disadvantages of each. Special topics covered: * Basic principles, indications, diagnostics, and treatment planning * All background on composites-direct posterior restorations and composite inlays * Aesthetics and function of direct anterior restorations * The newest metal-ceramic and all-ceramic restorations, including clinical aspects of the all-ceramic crown and inlays * Step-by-step bleaching techniques * How to achieve maximum aesthetics with implants * And more! Complete with a chapter on state-of-the-art computer assisted systems for use in restorative dentistry, and the impact of aesthetic techniques on every dental subspecialty, this book is informative and current. It recognizes that today's practice has dramatically shifted from pain relief and functionality to a demand for excellent cosmetic results, and it will be a valued resource in every practitioner's office. Stay up-to-date in a rapidly evolving field; order your copy today!

Jonathan B. Levine DMD presents a new volume designed to introduce practitioners to aesthetic dentistry with the goal of safely expanding his or her current scope of ethical dental practice. Richly illustrated in full colour throughout, this beautiful yet practical volume introduces the subject of smile design to the reader with topics ranging from aligners and veneers to space management. Smile Design Integrating Aesthetics and Function will be suitable for dental practitioners worldwide. Experts of international renown present the latest scientifically authoritative and evidenced-based information, amply supported by a high-quality line artwork and photographic illustration Describes in detail assessment techniques for smile design, the use of trial procedures and the use of photography, aligners, and ceramic veneers. Highlights the way in which high quality esthetics can be achieved with a range of techniques. Emphasizes the importance of effective communication between the dentist, the oral healthcare team and the patient to ensure the patient's and team's expectations are appreciated, managed and met Designed to challenge traditional thinking, advance knowledge and expand the clinical approach to a growing discipline Offers a highly visual, practical approach in a unique series format Aims to strengthen, enhance and expand the scope of aesthetic professional practice Essentials in Esthetic Dentistry – a beautiful new book series from Elsevier - is under the editorial leadership of Professor Brian J. Millar, BDS, FDSRCS, PhD, FHEA, Consultant in Restorative Dentistry, Professor of Blended Learning in Dentistry, King's College London Dental Institute, London, UK. Each volume in the series is edited by the highest-profile practitioners and specialists from the USA and Europe and has guest contributors from throughout the world. The series aims to provide both a basic and advanced body of knowledge of the many and varied procedures used in esthetic dentistry that are considered by many to be paramount to successful modern-day clinical practice. The series includes a broad range on invasive and non-invasive procedures to suit individual philosophies and international trends.

Covering both popular and advanced cosmetic procedures, Contemporary Esthetic Dentistry enhances your skills in the dental treatments

leading to esthetically pleasing restorations. With over 1,600 full-color illustrations, this definitive reference discusses the importance of cariology and caries management, then covers essential topics such as ultraconservative dentistry, color and shade, adhesive techniques, anterior and posterior direct composites, and finishing and polishing. Popular esthetic treatment options are described in detail, including bleaching or tooth whitening, direct and porcelain veneers, and esthetic inlays and onlays. Coverage of advanced cosmetic procedures includes implants, perioesthetics, ortho-esthetics, and pediatric esthetics, providing a solid understanding of treatments that are less common but can impact patient outcomes. Developed by Dr. George A. Freedman, a renowned leader in the field, Contemporary Esthetic Dentistry also allows you to earn Continuing Education credits as you improve your knowledge and skills. Continuing Education credits are available, allowing you to earn one to two CE credits per chapter. Detailed coverage of popular esthetic procedures includes bleaching, direct and porcelain veneers, inlays and onlays, posts and cores, porcelain-fused-to-metal restorations, zirconium crowns and bridges, and complete dentures. Coverage of advanced procedures includes implants, perioesthetics, ortho-esthetics, pediatric esthetics, and sleep-disordered breathing, providing a solid understanding of less-frequently encountered topics that impact the esthetic treatment plan and outcomes. Coverage of key esthetic dentistry topics and fundamental skills includes cariology and caries management, understanding dental materials, photography, understanding and manipulating of color and shade, adhesive techniques, anterior and posterior direct composites, and finishing and polishing. Over 1,600 full-color photos and illustrations help to clarify important concepts and techniques, and show treatments from beginning of the case to the final esthetic results. Well-known and respected lead author George A. Freedman is a recognized author, educator, and speaker, and past president of the American Academy of Cosmetic Dentistry and co-founder of the Canadian Academy for Esthetic Dentistry. Expert contributors are leading educators and practicing clinicians, including names such as Irvin Smigel (the father of esthetic dentistry), Chuck N. Maragos (the father of contemporary diagnostics), Wayne Halstrom (a pioneer in the area of dental sleep medicine), David Clark (one of the pioneers of the microscope in restorative dentistry and founder the Academy of Microscope Enhanced Dentistry), Edward Lynch (elected the most influential person in UK Dentistry in 2010 by his peers), Joseph Massad (creator, producer, director, and moderator of two of the most popular teaching videos on the subject of removable prosthodontics), Simon McDonald (founder and CEO of Triodent Ltd, an international dental manufacturing and innovations company), and many more!

Cutting edge information for all dentists! Topics include smile design, bonding to dentin and enamel, bonding to porcelain and metal, diagnosis and clinical management of color, bleaching, anterior and posterior restorations, fillers and cements, implants, lasers, and much more!

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