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Is an up-to-date, concise, factual reference describing the dental management of patients with selected medical problems. The book offers the dental provider an understanding of how to ascertain the severity and stability of common medical disorders, and make dental management decisions that afford the patient the utmost health and safety. Medical problems are organized to provide a brief overview of the basic disease process, the incidence and prevalence of the disease, pathophysiology, signs and symptoms, laboratory findings, currently accepted medical therapy of each problem, and a detailed explanation and recommendations for specific dental management. The accumulation of evidence-based research over the last few years has allowed the authors to include more specific dental management guidelines in the sixth edition. From basic science and fundamental procedures to the latest advanced techniques in reconstructive, esthetic, and implant therapy, Newman and Carranza's Clinical Periodontology, 13th Edition is the resource you can count on to help master the most current information and techniques in periodontology. Full color photos, illustrations, and radiographs show you how to perform periodontal procedures, while renowned experts from across the globe explain the evidence supporting each treatment and lend their knowledge on how to best manage the outcomes. UNIQUE! Periodontal Pathology Atlas contains the most comprehensive collection of cases found anywhere. Full-color photos and anatomical drawings clearly demonstrate core concepts and reinforce important principles. UNIQUE! Chapter opener boxes in the print book alert readers when more comprehensive coverage of topics is available in the online version of the text. NEW! Chapters updated to meet the current exam requirements for the essentials in periodontal education. NEW! Case-based clinical scenarios incorporated throughout the book mimic the new patient case format used in credentialing exams. NEW! Additional tables, boxes, and graphics highlight need-to-know information. NEW! Two new chapters cover periimplantitis and resolving inflammation. NEW! Section on evidence-based practice consists of two chapters covering evidence-based decision making and critical thinking. With new and updated questions based on Campbell-Walsh-Wein Urology 12th Edition content, this comprehensive review covers all the core material you need to know for board exam preparation and MOC exams. From basic science underpinnings to the most recent developments in medical and surgical care, more than 3,000 questions with detailed answers help you master the most important elements in urology. The high-yield, bulleted format and identical chapter structure as the parent text are designed for efficient, effective, targeted review-providing exactly the information you need for exam success. Keeps you up to date with key topics covered in Campbell-Walsh-Wein Urology 12th Edition, such as minimally invasive and robotic surgery; advancements in urologic oncology, including innovative therapeutics for personalized medicine; new approaches to male infertility; technological advances for the treatment of stones; advances in imaging modalities, and much more. Covers new material on urinary tract imaging, complications of urologic surgery, urologic considerations in pregnancy, urologic considerations in transgender individuals, and more. Provides more than 3,000 multiple-choice questions and detailed answers, including highlighted must-know points in the answer explanations. Includes additional study points at the end of each chapter, as well as new pathology and imaging sections (with review questions) in relevant chapters. Features interactive questions, self-assessment tools, an extensive image bank, and more on Expert Consult. Helps you prepare for the written boards and MOC exams with confidence! This reliable, efficient review tool is written by the same team that has made Campbell-Walsh-Wein Urology the preeminent text in the field. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices. 1. A Comparison of Metals, Ceramics, and Polymers. -- 2. Physical Properties. -- 3. Color and Appearance. -- 4. Surface Phenomena and Adhesion to Tooth Structure. -- 5. Gypsum Products. -- 6. Polymers and Polymerizations: Denture Base Polymers. -- 7. Polymeric Restorative Materials: Composites and Sealants. -- 8. Abrasion, Polishing, and Bleaching. -- 9. Impression Materials. -- 10. Waxes. -- 11. Dental Cements. -- 12. Structure and Properties of Metals and Alloys. -- 13. Dental Amalgams. -- 14. Direct Gold Filling Materials. -- 15. Precious Metal Casting Alloys. -- 16. Alloys for Porcelain-Fused-to-Metal Restorations. -- 17. Casting. -- 18. High-Temperature Investments. -- 19. Base Metal Casting Alloys. -- 20. Orthodontic Wires. -- 21. Dental Porcelain. -- 22. Soldering, Welding, and Electroplating. -- 23. Dental Implant Materials. Now in full color, this essential text features a visually oriented presentation of dental anatomy, physiology, and occlusion — the foundation for all of the dental sciences. Coverage includes discussions of clinical considerations, dentitions, pulp formation, and the sequence of eruptions. In addition to detailed content on dental macromorphology and evidence-based chronologies of the human dentitions, this edition also includes flash cards, an updated Companion CD-ROM, and Evolve resources that make this text a comprehensive resource for dental anatomy. Understand the standards of tooth formation and apply them to clinical presentations with the Development and Eruption of the Teeth chapter. Focus on the functions and esthetics of disorders you'll encounter in daily practice with content on TMJ and muscle disorders. Get a concise review of dentition development from in-utero to adolescence to adulthood with the appendix of tooth morphology. All line drawings and essential photos have been replaced with full-color pieces. Sharpen your knowledge with interactive learning tools and expanded content on the Companion CD-ROM including study questions, 360-degree rotational tooth viewing, and animations. Test your knowledge on labeling, tooth numbering, and tooth type traits and prepare for Board exams with flash cards. Find even more study opportunities on the Evolve website with a PowerPoint presentation, flash cards, a test bank, and labeling exercises. 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. Covers the most frequently asked and tested points on the pediatric board exam. Each chapter offers a quick review of specific diseases and conditions clinicians need to know during the patient encounter. Easy-to-use and comprehensive, clinicians will find this guide to be the ideal final resource needed before taking the pediatric board exam. The Second Edition of this textbook for dental assisting, dental hygiene, and first-year dental students retains its well-organized, easy-to-follow format, with enhanced content, tables, illustrations, and display boxes. Expanded chapters cover preventative materials, abrasion and polishing, dental implants and composites. Coverage of new materials includes ceramics, dental cements, and new gold alloys for PFM restorations. Additional problem solving and clinically relevant examples are provided, plus a concise description of the ADA materials acceptance and specification program. Other features include a glossary of terms, chapter outlines, manufacturer websites, and review and checkpoint questions denoting clinical situations. Basic Dental Materials is the new edition of this extensive guide to materials used in dentistry. The book has been entirely reorganised, with substantial revisions in each chapter incorporating the latest developments and research findings, and new colour illustrations have been added. Basic Dental Materials provides a practical approach to the selection and use of modern dental materials, with guidance on preparation for indirect restorations such as crowns, bridges and inlays. Enhanced by 645 images and illustrations, this comprehensive book will bring the knowledge of dental students and practising students firmly up to date. The standard in prosthodontics for nearly 50 years, McCracken's Removable Partial Prosthodontics, 13th Edition walks readers through all the principles and concepts surrounding removable partial denture treatment planning and design that today's practitioners need to know. Using an evidence-based approach, this full-color text incorporates the latest information on new techniques, procedures, and equipment, including expanded information on dynamic communication and the use of implants with removable partial dentures. From initial contact with the patient to post-treatment care, McCracken's is the complete foundation today's dentists need to successfully practice prosthodontic care. A variety of philosophies and techniques are featured throughout the text, so readers can select and incorporate applicable techniques on a case-by-case basis. Full-color drawings and photographs give readers a detailed view of techniques, materials, and anatomic detail. Evidence-based approach uses current research to help readers diagnose, design, develop, and sequence a treatment plan. Expert guidance from both authors walks readers through the latest techniques as well as technological advances specific to removable partial dentures. NEW! Standardized removable partial denture designs offered for application to the major categories of patients seen in practice. NEW! Expanded information on the use of implants with removable partial dentures highlights considerations in treatment planning including the selection of implants and provision of care utilizing dental implants. NEW! More information on dynamic communication which incorporates the progress being made in shared decision making with patients, especially regarding decisions made in light of patient values and 'trade-off' considerations. Levison's Textbook for Dental Nurses is a must have for all students studying for their dental nurse qualification. Whilst retaining the core information on dental nursing which has made this book a deserved classic, this 10th Edition has been substantially revised to reflect recent changes to many areas of the syllabus and also to the format of the examination. Chapters have been added on brand new areas of study, namely communication skills and dental nurse registration, regulation and responsibilities. This latest edition fully reflects recent and substantial developments in the dental nursing profession including mandatory registration, new legislation, the New General Dental Services contract, and the subsequent increased pressure for continuing professional development. CLINICAL DENTISTRY DAILY REFERENCE GUIDE The first and only practical reference guide to clinical dentistry Clinical dentistry involves the practice of preventing, diagnosing, and treating patients' oral health conditions. Clinical Dentistry Daily Reference Guide is a one-stop resource loaded with critical information for day-to-day decision making regarding a myriad of clinical scenarios. This invaluable resource saves time by eliminating the need to search through websites, textbooks, and phone apps to find answers. This book offers step-by-step assistance on health history treatment modifications, oral cancer screening, radiographic interpretation, treatment planning, preventive dentistry, periodontics, operative dentistry, endodontics, oral surgery, toothaches, crown and bridge, dentures, partials, implant crowns, occlusal guards, pharmacology, pediatric dentistry, nitrous sedation, and more. This comprehensive guide: Provides quick access to information in an easy-to-read bulleted format Includes hundreds of high-quality clinical images, illustrations, and tables Answers real-life patient questions Contains procedural steps including post-operative instructions, lab prescriptions, troubleshooting, and clinical pearls Features alphabetized medical conditions and treatment modifications, evidence-based guidelines including the dental traumatology guidelines, tables of common medications converted to pediatric dosages, and more. Helps dentists gain confidence in their decision making Clinical Dentistry Daily Reference Guide is a must-have book for all dental students and practicing dentists, both new and seasoned. Other dental professionals that will benefit from this book include dental educators, expanded function dental assistants, and dental hygienists. Covering the functional and esthetic needs of edentulous patients, Prosthodontic Treatment for Edentulous Patients: Complete Dentures and Implant-Supported Prosthesis, 13th Edition helps you provide complete dentures, with and without dental implant support. It addresses both the behavioral and clinical aspects of diagnosis and treatment and covers treatment modalities including osseointegration, overdentures, implant-supported fixed prosthesis, and the current and future directions of implant prosthodontics. New to this edition are full-color photographs and coverage of immediately loaded complete dental prostheses. From lead editor and respected educator George Zarb, Prosthodontic Treatment for Edentulous Patients provides an atlas of clinical procedures and emphasizes the importance of evidence-based treatment. Short, easy-to-read chapters cover the essentials of care for both short- and long-term patients, stressing the importance of evidence-based treatment. Expanded coverage of implant prosthodontics addresses the clinical protocols for implant-retained and implant-supported prosthodontic management. Specific chapters address the three surfaces of the complete denture: (1) an impression or intaglio surface, (2) a polished surface, and (3) an occlusal surface, the integration of which is crucial to creating a stable, functional, and esthetic result. Chapter on health and nutrition examines a number of systemic conditions (vesciculoerosive conditions, systemic lupus erythematosus, burning mouth syndrome, salivary dysfunction, Sjögren's syndrome, hyper/hyposalivation, diabetes) that affect the oral cavity and specifically influence the prognosis for wearing complete dentures or for accepting osseointegrated prostheses. Chapter on the time-dependent changes which occur in the oral cavity focuses on both time-related direct (ulcer/cheek biting, irritation hyperplasia, denture stomatitis, flabby ridge and pendulous maxillary tuberosities, hyperkeratosis and oral cancer, residual ridge reduction) and indirect (atrophy of masticatory muscles, nutritional status and masticatory function, control of sequelae) changes in the oral environment, and provides strategies to minimize the risk of such changes. Chapter on the techniques used to prolong the life of complete dentures focuses on the two techniques used to extend the life of dentures: relining and rebasing, also touching on denture duplication. Well-respected editors and contributors are the leaders in their field, lending credibility and experience to each topic. Dr. Braunwald's masterwork returns ... bringing you the definitive guidance you need to overcome any challenge in clinical cardiology today, using the best approaches available! Hundreds of world authorities, many of them new to this edition, synthesize all of the recent developments that are revolutionizing practice - from the newest findings in molecular biology and genetics to the latest imaging modalities, interventional procedures, and medications. This multimedia e-dition includes not only the printed reference, but also access to the complete contents online, fully searchable, with regular updates and much more. The expertise of the contributors, the scope of the coverage, and the versatile, multimedia format all make this the ultimate reference for the practicing cardiologist. Locate the answers you need fast, thanks to a user-friendly, full-color design, complete with more than 1,500 color illustrations. Clean clinically actionable information quickly with Clinical Practice Points in every chapter. Access the complete contents of the 2-volume set online, fully searchable, plus regular updates to reflect the latest clinical developments · Focused Reviews · Commentaries · Late-Breaking Trials · and more. Apply the latest knowledge in your field with 7 new chapters on Acute Heart Failure · Device Therapy of Heart Failure · Emerging Therapies for Heart Failure · Complementary and Alternative Approaches to Management · Prevention and Management of Stroke · Hypertrophic Cardiomyopathy · and Coronary Arteriography Guidelines. Get fresh perspectives on your practice with contributions from more than 20 brand-new authors. This book is a printed edition of the Special Issue Bioactive and Therapeutic Dental Materials that was published in Materials A combined text and student workbook, Anatomy of Orofacial Structures: A Comprehensive Approach, Enhanced 7th Edition, makes it easy to understand oral histology and embryology, dental anatomy, and head and neck anatomy. Now in full color, the book includes more than 800 images, as well as review questions and detachable flashcards for convenient, on-the-go study. Clear coverage provides a solid foundation for students in dental assisting and dental hygiene programs. From longtime dental educators Richard Brand and Donald Isselhard, this book provides a complete learning package! "I would highly recommend this book to all students; it will see you through dental school and beyond. It is useful for junior years of the BDS course while providing more detailed information for final years and newly qualified dentists." Reviewed by: British Dental Journal Date: Aug 2014 Comprehensive coverage of oral histology and embryology, dental anatomy, and head and neck anatomy - makes this a single source for oral anatomy. More than 800 detailed anatomical illustrations support the material, including labeled line drawings, radiographs, and clinical photographs. Text/Workbook format includes a perforated workbook section with chapter-by-chapter questions. Removable flashcards feature an image of a tooth on one side and that tooth's identifying/important information on the other side, providing an easy and effective study tool. A logical organization puts the most foundational information first, starting with dental anatomy and followed by oral histology and embryology, and then head and neck anatomy. NEW! Full-color art program features more than 800 images - illustrations, clinical photos, and radiographs. The fully revised and updated second edition of "Materials Used in Dentistry" discusses all the relevant topics, properties, and clinical applications of the most common dental materials in simple, concise, and coherent manner. It includes numerous photographs, illustrations, flowcharts, and tables to make the presentation simple and student friendly. This text provides treatment of dental materials, giving students fundamental information needed to understand the laboratory and clinical properties of the materials. The scientific base for the technical procedures and manipulation of materials is provided as well as the background required for discriminating selection of materials for dental practice. Selected problems are featured at the end of each chapter to help the student to apply the information to practical situations. 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 Endodontics is the prevention, diagnosis and management of diseases of the tooth pulp and the tissues surrounding the root of a tooth. This new edition is a complete guide to endodontics for dental students. Divided into 39 chapters, the book covers numerous procedures and case studies and the text is further enhanced by more than 1500 clinical photographs, diagrams and tables. The fourth edition has been fully revised, and new topics added, to provide students with the latest information and advances in the field. Key points and clinical tips are highlighted for each topic and questions are included at the end of each chapter to assist exam preparation. Key points Complete guide to endodontics for dental students Fully revised, new edition providing latest advances in the field Includes more than 1500 clinical photographs, diagrams and tables Previous edition (9789350909522) published in 2013 Presenting a comprehensive exploration of restorative dental materials, this book provides the information readers need to know to correctly use dental materials in the clinic and dental laboratory. Ranging from fundamental concepts to advanced skills, it also provides the scientific basis for technical procedures and manipulation of materials. From the Publisher: The cornerstone text of almost every dental hygienists library is now in its thoroughly updated Tenth Edition. Written in a straightforward, concise outline format, this text equips both students and practitioners with the clinical and educational skills needed for successful practice. Features include full-color artwork and photographs, case-based exercises, procedure boxes, and ethics boxes. The Tenth Edition presents the latest technical advances and research findings and includes a new chapter on teeth whitening. About the Book: The word "DEFINITION" means a description of the exact meaning of a word or an idea. Definitions play a major role in understanding the subject of Paediatric and Preventive Dentistry as it helps the students to grasp the basic concepts and utilize them while dealing with children. The scope of Paediatric Dentistry is very vast and during the course of study one comes across numerous terminologies given by various authors which makes it very difficult for students to comprehend them. Therefore a compilation of all the definitions is the need of the hour and a serious attempt has been made to streamline them in this hand book along with the author name and year in which it is published. This enables the users an easy access to reading and also laborsaving. 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. With this hands-on resource, 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. Dental Materials uses step-by-step procedures to show how to mix, use, and apply dental materials within the context of the patient's course of treatment. Expert authors Carol Hatrick, W. Stephan Eakle, and William F. Bird enhance this edition with four new chapters, along with coverage of newly approved materials and esthetic tools including the latest advances in bleaching and bonding. A new companion Evolve website lets you practice skills with challenging exercises! Procedure boxes include step-by-step instructions for common tasks. Procedural icons indicate specific guidelines or precautions that need to be followed for each procedure. End-of-chapter review questions help you assess your retention of material, with answers provided in an appendix. End-of-chapter case-based discussions provide a real-life application of material covered in the chapter. Clinical tips and precautions emphasize important information, advice, and warnings on the use of materials. Key terms are defined at the beginning of each chapter, bolded within the chapter, and defined in the glossary. Objectives help you focus on the information to gain from each chapter. Introductions provide an overview of what will be discussed in each chapter. Summary tables and boxes make it easy to find and review key concepts and information. Full-color photos and illustrations show dental materials and demonstrate step-by-step procedures, including new clinical photos of bleaching and bonding. New Dental Ceramics chapter addresses the growth in esthetic dentistry by discussing porcelain crowns, inlays, and veneers and the process of selecting the proper shade. New Dental Amalgam chapter discusses the use of metal - still the most commonly used material in restorative and corrective dentistry. New Casting Alloys, Solders, and Wrought Metal Alloys chapter breaks down specific types of combination metals and the procedures in which they are used. New Dental Implants chapter covers several different types of implants as well as how to instruct patients on hygiene and home care of their implant(s). The Materials Handling section reflects the new Infection Control Environment (ICE) standards and all approved ADA methods for the disposal of surplus materials. A companion Evolve website includes exercises to help you identify images and master procedures, plus competency skill sheets to assess your understanding. This South Asian edition, based on the 12th edition of Phillips' Science of Dental Materials, while maintaining the current and authoritative nature, has incorporated certain features, which would make it more valuable to students and clinicians in the Indian context. This book provides a comprehensive overview of the composition, biocompatibility, physical properties, mechanical properties, manipulative variables, and performance of direct and indirect restorative materials and auxiliary materials used in dentistry. Up-to-date scientific and clinical data on the most advanced restorative materials Clinical and technical aspects of various materials have been highlighted in special boxes to enable easy reference without having to go through the entire text Clinical aspects such as manipulation and techniques for cementation and polishing provided in easy to read boxes Summary provided at the end of chapter in a bulleted format Review Questions for each chapter culled over from the question papers of different universities over the last 10 years Glossary provides a list of key terms used in dental materials science Dental Materials at a Glance, 2nd edition, is the latest title in the highly popular At a Glance series, providing a concise and accessible introduction and revision aid. Following the familiar, easy-to-use at a Glance format, each topic is presented as a double-page spread with key facts accompanied by clear diagrams encapsulating essential information. Systematically organized and succinctly delivered, Dental Materials at a Glance covers: Each major class of dental material and biomaterial Basic chemical and physical properties Clinical handling and application Complications and adverse effects of materials Dental Materials at a Glance is the ideal companion for all students of dentistry, residents, and junior clinicians. In addition, the text will provide valuable insight for general dental practitioners wanting to update their materials knowledge and be of immediate application for dental hygienists, dental nurses, dental assistants, and technicians. For all introductory, clinical, and preventive courses in dental hygiene and dental assisting that cover preventive dental modalities and concepts. Organized for consistency, coherence, and readability, this fully updated text covers all areas of prevention in dental care. It first describes dental diseases and conditions, helping students clearly understand the processes that can be prevented through the use of preventive modalities or ideas. Next, it presents detailed strategies to prevent these diseases and conditions. Throughout, specific target populations are defined and described based upon scientifically valid preventive strategies aimed at their needs. This edition improves student understanding with more photos, illustrations, diagrams, and tables; highlights fun facts about the topic; adds a new chapter on the important influence culture plays in preventive dental care; and is supported by many new web-based review questions and case studies for each chapter. This book provides a comprehensive and scientifically based overview of the biocompatibility of dental materials. Up-to-date concepts of biocompatibility assessment are presented, as well as information on almost all material groups used in daily dentistry practice. Furthermore, special topics of clinical relevance (e.g., environmental and occupational hazards and the diagnosis of adverse effects) are covered. The book will: improve the reader's ability to critically analyze information provided by manufacturers supply a better understanding of the biocompatibility of single material groups, which will help the reader choose the most appropriate materials for any given patient and thus prevent adverse effects from developing provide insights on how to conduct objective, matter-of-fact discussions with patients about the materials to be used in dental procedures advise readers, through the use of well-documented concepts, on how to treat patients who claim adverse effects from dental materials feature clinical photographs that will serve as a reference when analyzing clinical symptoms, such as oral mucosa reactions. With a focus on the manipulation of materials used in the dental office rather than in the dental laboratory, this text covers the general composition, physical properties and manipulation of dental materials in common use. Self-test objective questions (with answers) are provided at the end of the text so that students can self-evaluate their understanding. The molecular level is emphasized, where chemical equations are presented - word descriptions are also provided. Information on brand names and manufacturers is also included. Inherently interdisciplinary, the field of oral medicine continues to incorporate and apply new knowledge and techniques to the care of patients. For nearly 70 years, Burket's Oral Medicine has been the principal text for all major aspects of oral medicine, from the basic science to clinical practice. This 12th edition continuous to serve as the authoritative source of information for students, residents, and clinicians interested in the field of oral medicine. Through the addition of new chapters and substantial new material, the 12th edition of the book significantly advances the understanding of today's practice of oral medicine. Research findings are produced at a rapid pace and are readily accessible from a variety of sources. A chapter on clinical research has been added to the book to help readers interpret how scientific findings reported in the literature impact their practice. Awareness of the unique aspects of oral health needs for the elderly, infants, and young children prompted the inclusion of two new chapters introducing the fields of geriatric and pediatric oral medicine. Two other original chapters on radiologic interpretations and complications of nonsurgical cancer therapy complement in more detail other broader topics addressed in the book. The 12th edition of Burket's Oral Medicine continues the tradition of this text in providing students, residents, and experienced practitioners with access to the expertise and experience of an international group of clinical scholars who are recognized experts in the increasingly complex field of diagnosis and medical management of maxillofacial disease and dental treatment of medically complex patients. You can count on McDonald: the go-to source for expert, complete coverage of oral care for infants, children, and teenagers for over half a century. McDonald and Avery's Dentistry for the Child and Adolescent, 10th Edition discusses pediatric examination, development, morphology, eruption of the teeth, and dental caries in depth — and emphasizes prevention and the treatment of the medically compromised patient. Boasting a new design and handy Evolve site, this new edition by Jeffrey A. Dean equips you with the latest diagnostic and treatment recommendations in the fast-growing field of pediatric dentistry. Complete, one-source coverage includes the best patient outcomes for all of the major pediatric treatments in prosthodontics, restorative dentistry, trauma management, occlusion, gingivitis and periodontal disease, and facial esthetics. A clinical focus includes topics such as such as radiographic techniques, dental materials, pit and fissure sealants, and management of cleft lip and palate. Practical discussions include practice management and how to deal with child abuse and neglect. Evolve site provides you with the best learning tools and resources. UPDATED! More emphasis on preventative care and treatment of medically compromised patients helps you provide more effective care. NEW! Easier-to-follow design. Learn the most up-to-date information on materials used in the dental office and laboratory today. Emphasizing practical, clinical use, as well as the physical, chemical, and biological properties of materials, this leading reference helps you stay current in this very important area of dentistry. This new full-color edition also features an extensive collection of new clinical photographs to better illustrate the topics and concepts discussed in each chapter. Organization of chapters and content into four parts (General Classes and Properties of Dental Materials; Auxiliary Dental Materials; Direct Restorative Materials; and Indirect Restorative Materials) presents the material in a logical and effective way for better comprehension and readability. Balance between materials science and manipulation bridges the gap of knowledge between dentists and lab technicians. Major emphasis on biocompatibility serves as a useful guide for clinicians and educators on material safety. Distinguished contributor pool lends credibility and experience to each topic discussed. Critical thinking questions appearing in boxes throughout each chapter stimulate thinking and encourage classroom discussion of key concepts and principles. Key terms presented at the beginning of each chapter helps familiarize readers with key terms so you may better comprehend text material. NEW! Full color illustrations and line art throughout the book make text material more clear and vivid. NEW! Chapter on Emerging Technologies keeps you up to date on the latest materials in use. NEW! Larger trim size allows the text to have fewer pages and makes the content easier to read.

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