

Pathways Of Pulp Cohen 10th Edition Free

Cohen's Pathways of the Pulp Expert Consult - E-Book
Dental Management of the Medically Compromised Patient
Textbook of Endodontics
3D Imaging in Endodontics
Lasers in Restorative Dentistry
Endodontic Therapy
Harty's Endodontics in Clinical Practice
E-Book
Anesthesia Complications in the Dental Office
Wheeler's Dental Anatomy, Physiology, and Occlusion
Endodontic Treatment, Retreatment, and Surgery
Configuring the Networked Self
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The Principles of Endodontics
REVIEW OF PREVENTIVE & SOCIAL MEDICINE
Diagnosis and Treatment of Furcation-Involved Teeth
Oxford Handbook of Clinical Dentistry
Diseases of Swine
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Cohen's Pathways of the Pulp Expert Consult - E-Book

This book provides clear, concise guidance on a range of essential treatment strategies for the provision of reliable endodontic care. Practical clinical procedures are described step by step and key concepts emphasized with the aid of a wealth of high-quality illustrations and photographs. Examples of best practice are documented by means of clinical case examples, and the provision of concise tips and recommendations ensures that the reader will quickly be able to find solutions to any one of the myriad of endodontic challenges with which he or she may be confronted. In addition, the most relevant key literature is reviewed in order to support and reinforce the discussed clinical concepts. The described endodontic treatment strategies are all grounded in a sound scientific evidence base. The book should enable practitioners to manage any endodontic case from first principles and will be of value for both dental practitioners and endodontic trainees/specialists.

Dental Management of the Medically Compromised Patient

This essential pocket guide covers clinical dentistry in a concise format. All the fundamentals of clinical practice are included in a readily-accessible style. Now completely revised with a wealth of new information and full colour throughout.

Textbook of Endodontics

3D Imaging in Endodontics

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-cariogenic 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.

Lasers in Restorative Dentistry

Air pollution is thus far one of the key environmental issues in urban areas. Comprehensive air quality plans are required to manage air pollution for a particular area. Consequently, air should be continuously sampled, monitored, and modeled to examine different action plans. Reviews and research papers describe air pollution in five main contexts: Monitoring, Modeling, Risk Assessment, Health, and Indoor Air Pollution. The book is recommended to experts interested in health and air pollution issues.

Endodontic Therapy

Delivers the critical information primary care providers need to be thoroughly informed prescribers This unique resource—an evidence-based pharmacology text and reference for advanced practice students and clinicians—guides users in analyzing the pharmacological foundations of drug therapy and fosters the development of sound clinical judgment in determining the appropriate medication for every patient across the lifespan. Targeting the specific needs of APRN and PA students and clinicians, the text is a “bridge” between standard, lengthy pharmacology texts and quick pocket references that lack information regarding key pharmacotherapy principles. Featuring an applied therapeutic approach to major disorders and their pharmacologic treatment, the book examines how medications act on the body and visa versa, while teaching the rationale for using specific therapeutic agents or drug classes. Each chapter includes case studies that apply the concepts discussed, relevant diagnostic studies, applicable guidelines, genomics, and important lifespan considerations. Of special interest is a chapter on pharmacogenetics explaining the basic principles underlying our current understanding of genetic variations in response to pharmacotherapy and adverse drug reactions. Easily digestible chapters include objectives and review questions. Ancillary resources include an instructor manual with learning objectives, chapter summaries, and case studies; chapter PowerPoint slides; test bank; and image bank. Key Features: Delivers an applied, evidence-based foundation on the basic science underlying prescribing Targets the specific needs

of APRN and PA students and professionals and related healthcare providers
Provides clinical decision-making tools and principles to support sound prescribing judgment
Focuses on synthesizing drugs to manage commonly occurring disorders
Includes strategies for addressing the needs of specific populations throughout the lifespan
Includes abundant case studies illuminating key concepts
Includes a robust instructor manual with learning objectives, chapter summaries, and case studies; PowerPoint slides; test bank; and image bank. Purchase includes access to the eBook for use on most mobile devices or computers.

Harty's Endodontics in Clinical Practice E-Book

This book covers both basic scientific and clinically relevant aspects of dental composite materials with a view to meeting the needs of researchers and practitioners. Following an introduction on their development, the composition of contemporary composites is analyzed. A chapter on polymerization explains the setting reactions and light sources available for light-cured composites. The quality of monomer-to-polymer conversion is a key factor for material properties. Polymerization shrinkage along with the associated stress remains among the most challenging issues regarding composite restorations. A new classification of dental composites is proposed to offer more clinically relevant ways of differentiating between commercially available materials. A review of specific types of composites provides an insight into their key issues. The potential biological issues of dental composites are reviewed in chapters on elution of leachable substances and cariogenicity of resin monomers. Clinical sections focus on material placement, finishing procedures, and the esthetics and clinical longevity of composite restorations. Bonding to tooth tissues is addressed in a separate chapter, as is the efficiency of various composite repair methods. The final chapter discusses future perspectives on dental composite materials.

Anesthesia Complications in the Dental Office

The definitive endodontics reference, Cohen's Pathways of the Pulp is known for its comprehensive coverage of leading-edge information, materials, and techniques. It examines all aspects of endodontic care, from preparing the clinician and patient for endodontic treatment to the role the endodontist can play in the treatment of traumatic injuries and to the procedures used in the treatment of pediatric and older patients. Not only does Hargreaves and Cohen's 10th edition add five chapters on hot new topics, it also includes online access! As an Expert Consult title, Cohen's Pathways of the Pulp lets you search the entire contents of the book on your computer, and includes five online chapters not available in the printed text, plus videos, a searchable image collection, and more. For evidence-based endodontics research and treatment, this is your one-stop resource!

Wheeler's Dental Anatomy, Physiology, and Occlusion

Ingle's Endodontics, 7th edition, is the most recent revision of the text that has been known as the "Bible of Endodontics" for half a century. The new edition, published in two volumes, continues the tradition of including the expertise of international leaders in the field. Eighty-six authors contributed cutting-edge

knowledge and updates on topics that have formed the core of this book for years. New chapters reflect the ways in which the field of endodontics has evolved over the 50 years since the pioneer John I. Ingle authored *Endodontics*. Ingle's *Endodontics* will continue to be the standard against which all other endodontic texts will be measured. The 40 chapters are arranged in two volumes under three sections: *The Science of Endodontics*; *The Practice of Endodontics: Diagnosis, Clinical Decision Making, Management, Prognosis*; and *Interdisciplinary Endodontics*. With contributions from the world's experts in all phases of the specialty, Ingle's *Endodontics*, 7th edition promises to be an indispensable dentistry textbook, an essential part of every endodontist's library.

Endodontic Treatment, Retreatment, and Surgery

Completely updated to keep you absolutely current, this comprehensive reference remains the definitive text for practicing endodontists and general dentists. The ninth edition offers a superb new full-color design and integrates the latest evidence-based research for clinical treatments. It includes coverage of the latest devices and techniques including endodontic instrumentation, obturation, and surgical and retreatment procedures. Providing the latest in treating endodontic infections and pain, and in establishing differential diagnoses, this is a one-stop resource! *Records and Legal Responsibilities* chapter includes legal forms and descriptions of legal processes, guidelines for record keeping, and updated information on HIPAA/doctor-patient rights and responsibilities. *Geriatric Endodontics* chapter discusses special considerations and procedures for older patients. *Digital Technologies* chapter explains how electronic records can reduce paper flow, improve legibility of treatment plans and prescriptions, recall advice given to patients, and record diagnoses; it also shows how technology can be applied to improve patient care. *Instruments, Materials and Devices* chapter discusses tools and materials used to clean and shape the root canal, including the new MTAD (Endo-Pure®) irrigant, plus appropriate care for instruments, and how to select proper instruments. Information on managing problems/emergencies in endodontic anesthesia explains troubleshooting guidelines for more efficient problem solving, and includes drug interaction tables and guidelines on how to select proper anesthetics. *Endodontic Pharmacology* chapter outlines pharmacologic options for pretreatment, posttreatment, and intraoperative stages, including current information on COX-2 inhibitors and new drugs on the market. Full-color design offers more detail in clinical photos. New contributors offer expert perspectives and build on the material in previous editions. *Endodontic Failures* chapter discusses treatment for apical periodontitis. Coverage of biocontaminants and the sterilization of tools and waterlines includes updates on antibacterial procedures and materials, and sterilization pre- and post-treatment, helping practices maintain better infection control. Information on wireless digital radiology describes components and applications, with a pro-and-con comparison to traditional film. Coverage of the connection between apical periodontitis/gingival infection and stroke/heart conditions helps clinicians make better decisions when preparing and treating patients.

Configuring the Networked Self

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.

The Root Canal Anatomy in Permanent Dentition

This book describes the most commonly encountered endodontic complications and provides up-to-date information on their prevention and management. The opening chapters explain the importance of accurate diagnosis and treatment planning, outline the role of digital radiography and CBCT in managing complications, and highlight the need for close attention to anatomic landmarks in order to avoid damage to neurovascular anatomy. Endodontic problems associated with different procedural errors are then discussed in detail, covering a wide variety of access- and instrumentation-related complications and the difficulties that may arise when using obturation techniques. Readers will also find information on the endodontic-periodontal relationship, special issues in geriatric patients, and the potential medical emergencies and precautions in specific patient subsets. The clear, easy-to-read text is complemented by numerous high-quality photographs and tables that assist understanding and ready identification of management solutions. This book will be of value for all dental practitioners with an interest in endodontics, endodontic specialists, and higher-level students.

Extra-Coronal Restorations

Diagnosis and Treatment of Furcation-Involved Teeth offers dental professionals a comprehensive review of the aetiology and diagnosis of furcation defects, including treatment options. Provides a practical manual for the successful diagnosis and treatment of a therapeutic challenge for general dentists and periodontists Presents illustrative photographs of clinical cases and procedures Offers a helpful chapter on patient-reported outcomes Includes a companion website with video clips and case studies

Mineral Trioxide Aggregate

This book is a state of the art clinical guide to contemporary materials and techniques for the restoration of individual teeth and implants. It fully reflects the important developments in the field over the past 15 years, including in particular the shift away from wholesale use of crowns towards adhesive dentistry and less invasive extra-coronal restorations. The book opens by considering the principles and evidence base relating to the longevity of restorations of teeth and implants. Importantly, it explains how to ensure "a healthy start" and manage future risks. Material choice and aesthetic issues are then discussed, before all aspects of the planning and provision of extra-coronal restorations are examined in depth. The coverage also includes the adaptation of crowns to existing partial dentures. In line with modern dental education, each chapter begins with clinically relevant learning objectives, and helpful clinical tips are highlighted. The book will be of value for senior dental undergraduates, postgraduates, and practicing dentists and its scientific content will be of interest to dental academics.

The Principles of Endodontics

Anesthetic complications, which range from simple annoyances to patient mortality, are inevitable, given the many and complex interactions of doctor, patient, personnel, and facility. "Anesthesia Complications in the Dental Office" helps dentists minimize the frequency and severity of adverse events by providing concise and clinically relevant information that can be put to everyday use. "Anesthesia Complications in the Dental Office" presents the most up-to-date information on treating anesthesia complications and medical emergencies. Drs. Bosack and Lieblich and a team of expert contributors discuss patient risk assessment; considerations for special needs and medically compromised patients; anesthetic agents routinely administered; adversities that can arise before, during, and after administration of anesthesia; and emergency drugs and equipment. A must-have reference for every dental office. Special Features Covers all the types of anesthesia used in the dental office "Break-away" discussion bars attract the reader and reinforce ideas. Medical emergency manual for the general practitioner

REVIEW OF PREVENTIVE & SOCIAL MEDICINE

Mineral trioxide aggregate (MTA) was developed more than 20 years ago to seal the pathways of communication of the root canal system. It's currently the preferred material used by endodontists because of its superior properties such as its seal and biocompatibility that significantly improves outcomes of endodontic treatments. Dr. Torabinejad, who was the principle investigator of the dental applications of MTA, and leading authorities on this subject provide a clinically focused reference detailing the properties and uses of MTA, including vital pulp therapy (pulp capping, pulpotomy), apexification, pulp regeneration, repair of root perforations, root end filling and root canal filling. Line illustrations and clinical photographs show proper technique. An accompanying website features photographs and video presentations for selected procedures using MTA. Mineral Trioxide Aggregate: Properties and Clinical Applications is an ideal book for dental students and endodontic residents learning procedures for the first time as well as practicing dentists and endodontists who would like to improve outcomes of endodontic treatments.

Diagnosis and Treatment of Furcation-Involved Teeth

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.

Oxford Handbook of Clinical Dentistry

This book presents the state of the art in the use of laser in restorative dentistry. After discussion of relevant background, basic physics and laser types, the full range of clinical applications is covered with the aid of more than 600 clinical photographs, charts, and tables. In addition to conventional indications, newer operative procedures that reliably yield favorable outcomes are carefully described step by step. The authors' own research findings and clinical cases are included in the book, which also provides a complete, up-to-date review of the international literature on laser adhesive dentistry. Lasers in Restorative Dentistry will be a valuable guide for general dentists who use the laser in their daily practice and are seeking advice on how to improve the quality of their work. If you are a new, experienced, or even advanced laser user, this book will be an exceptionally useful resource. Enjoy delving into the wonderful world of laser dentistry!

Diseases of Swine

The Principles of Endodontics, Third Edition is a contemporary and easy-to-read guide on why and how to carry out safe and effective endodontic treatment. Fully revised and updated, the third edition applies endodontic theory to clinical practice in a pragmatic and user-friendly way. This comprehensive guide covers the core areas of endodontics, from embryology of the dentine-pulp complex to restoration of the endodontically treated tooth. The new edition includes advice on how to solve problems that can occur during treatment, and new self-assessment questions. Fully revised, the 'How to' sections provide current step-by-step guidance. With added colour photographs and line drawings, the book reflects the latest available material and equipment, and highlights interesting clinical cases. The Principles of Endodontics, Third Edition is the essential text for undergraduates and a useful reference for recent graduates as well as established clinicians who want to refresh their knowledge to continue their professional development.

Common Complications in Endodontics

This book is designed to meet the needs of both dental students and dentists by providing succinct and quickly retrievable answers to common dental questions.

Students will find both that it clearly presents the particulars which should be familiar to every dentist and that it enables them to see the big picture and contextualize information introduced to them in the future. Practicing dentists, on the other hand, will employ the book as a daily reference to source information on important topics, materials, techniques, and conditions. The book is neither discipline nor specialty specific. The first part is wide ranging and covers the essentials of dental practice while the second part addresses individual specialties and the third is devoted to emergency dental treatment. Whether as a handy resource in the student's backpack or as a readily available tool on the office desk, this reference manual fills an important gap in the dental literature.

A Clinical Guide to Dental Traumatology

Neurotology is a branch of medicine that focuses on diagnosing and treating neurological conditions of the inner ear and related structures. There have been many recent advances in neurotology that have been published in general medicine, otolaryngology and neurology journals. This comprehensive book will aggregate this information to provide a more complete picture of the state of the field and will include the authors' own clinical experience. There is a recent marked increase in interest in neurotology, manifested by the clinical experiences and research-publication work of otolaryngologists, neurologists, neuro-ophthalmologists, audiologists and physiotherapists. As a result, this will be a completely state-of-the-art work that includes all up-to-date neurophysiological data related to the vestibular system. It has been estimated that 10% of patients that present at an emergency clinic have vestibular disorders, including vertigo, and these disorders are frequently a cause of falls in elderly patients. On the other hand, many physicians treat their patients with vertigo with vestibular blockers, which treat the symptoms but do not cure the disorders. We feel that it is important to supply a source of information on the vestibular system and balance disorders, and this title will do that in a comprehensive manner. This title will be an ideal reference for the diagnosis and treatment of vestibular disorders for otolaryngologists, neurologists, neuro-ophthalmologists, audiologists and physical therapists.

Cohen's Pathways of the Pulp

In this book, leading world authorities on brain edema and neurological disorders/injuries and experts in preconditioning join forces to discuss the latest progress in basic sciences, translational research, and clinical management strategies relating to these conditions. The range of topics covered is wide, including microglia, energy metabolism, trace metals and ion channels, vascular biology, cellular treatment, hemorrhagic stroke, novel technological advances, anesthesia and medical gases, pediatric brain edema, neuroimaging, behavioral assessment, clinical trials, peripheral to central signaling pathways, preconditioning translation, and animal models for preconditioning and brain edema research. The book comprises presentations from Brain Edema 2014, the joint meeting of the 16th International Conference on Brain Edema and Cellular Injury and the 3rd Symposium on Preconditioning for Neurological Disorders, held in Los Angeles on September 27-30, 2014.

The New Neurotology

This book describes the most commonly methods used for the study of the internal anatomy of teeth and provides a complete review of the literature concerning the current state of research employing contemporary imaging tools such as micro-CT and CBCT, which offer greater accuracy whether using qualitative or quantitative approaches. In order to facilitate the management of complex anatomic anomalies, specific clinical protocols and valuable practical tips are suggested. In addition, supplementary material consisting in high-quality videos and images of different anatomies obtained using micro-CT technology is made available to the reader. The book was planned and developed in collaboration with an international team comprising world-recognized researchers and experienced clinicians with expertise in the field. It will provide the readers with a thorough understanding of canal morphology and its variations in all groups of teeth, which is a basic prerequisite for the success of endodontic therapy.

The Dental Reference Manual

Diagnosing Dental and Orofacial Pain: A Clinical Manual approaches a complex topic in a uniquely practical way. This text offers valuable advice on ways to observe and communicate effectively with patients in pain, how to analyze a patients' pain descriptions, and how to provide a proper diagnosis of orofacial pain problems that can arise from a myriad of sources—anywhere from teeth, joint and muscle pain, and paranasal sinuses to cluster headaches, neuralgias, neuropathic pain and viral infections. Helps the student and practitioner understand the diagnostic process by addressing the exact questions that need to be asked and then analyzing verbal and non-verbal responses to these Edited by experts with decades of clinical and teaching experience, and with contributions from international specialists Companion website provides additional learning materials including videos, case studies and further practical tips for examination and diagnosis Includes numerous color photographs and illustrations throughout to enhance text clarity

Pediatric Endodontics

Provides a fully revised Eleventh Edition of the definitive reference to swine health and disease Diseases of Swine has been the definitive reference on swine health and disease for over 60 years. This new edition has been completely revised to include the latest information, developments, and research in the field. Now with full color images throughout, this comprehensive and authoritative resource has been redesigned for improved consistency and readability, with a reorganized format for more intuitive access to information. Diseases of Swine covers a wide range of essential topics on swine production, health, and management, with contributions from more than 100 of the foremost international experts in the field. This revised edition makes the information easy to find and includes expanded information on welfare and behavior. A key reference for anyone involved in the swine industry, Diseases of Swine, Eleventh Edition: Presents a thorough revision to the gold-standard reference on pig health and disease Features full color images throughout the book Includes information on the most current advances in the field

Provides comprehensive information on swine welfare and behavior Offers a reorganized format to make the information more accessible Written for veterinarians, academicians, students, and individuals and agencies responsible for swine health and public health, Diseases of Swine, Eleventh Edition is an essential guide to swine health.

Living in the Environment

Inspiring people to care about the planet. In the new edition of LIVING IN THE ENVIRONMENT, authors Tyler Miller and Scott Spoolman have partnered with the National Geographic Society to develop a text designed to equip students with the inspiration and knowledge they need to make a difference solving today's environmental issues. Exclusive content highlights important work of National Geographic Explorers, and features over 200 new photos, maps, and illustrations that bring course concepts to life. Using sustainability as the integrating theme, LIVING IN THE ENVIRONMENT 18e, provides clear introductions to the multiple environmental problems that we face and balanced discussions to evaluate potential solutions. In addition to the integration of new and engaging National Geographic content, every chapter has been thoroughly updated and 18 new Core Case Studies offer current examples of present environmental problems and scenarios for potential solutions. The concept-centered approach used in the text transforms complex environmental topics and issues into key concepts that students will understand and remember. Overall, by framing the concepts with goals for more sustainable lifestyles and human communities, students see how promising the future can be and their important role in shaping it. offers additional exclusive National Geographic content, including high-quality videos on important environmental problems and efforts being made to address them. Team up with Miller/Spoolman's, LIVING IN THE ENVIRONMENT and the National Geographic Society to offer your students the most inspiring introduction to environmental science available! Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Carranza's Clinical Periodontology

The definitive endodontics reference, "Cohen's Pathways of the Pulp" is known for its comprehensive coverage of leading-edge information, materials, and techniques. This 10th edition adds five chapters on hot new topics, and includes online access.

Dental Composite Materials for Direct Restorations

Clean root canal systems are essential for successful endodontic treatment. With contributions from leading endodontists from around the world, Dr. Nestor Cohenca here presents the etiology of endodontic disease caused by the endodontic biofilm and all therapies available to predictably disinfect the root canal system, thus increasing successful endodontic outcomes. Disinfection of Root Canal Systems: The Treatment of Apical Periodontitis is an evidence-based manual that describes root canal anatomy, the endodontic biofilm, and the role of disinfection before presenting the most up-to-date methods of irrigation and disinfection. Individual

chapters are devoted to each method, such as positive pressure irrigation, apical negative pressure irrigation, sonic activation, photodynamic therapy, laser technology, and ozonization and electrochemical activation. Clinical photographs throughout show proper irrigation and disinfection techniques. Key Features: Clinically focused to be of practical use to endodontists and general dentists Discusses the latest infection-control methods—lasers, ozonization, electrochemical activation Photographs and illustrations show proper techniques and equipment

Modern Operative Dentistry

The legal and technical rules governing flows of information are out of balance, argues Julie E. Cohen in this original analysis of information law and policy. Flows of cultural and technical information are overly restricted, while flows of personal information often are not restricted at all. The author investigates the institutional forces shaping the emerging information society and the contradictions between those forces and the ways that people use information and information technologies in their everyday lives. She then proposes legal principles to ensure that people have ample room for cultural and material participation as well as greater control over the boundary conditions that govern flows of information to, from, and about them.

Current Air Quality Issues

Ideal for those who want to expand their practice by offering root canal procedures, this valuable resource emphasizes the clinical aspects of endodontics. An extensive collection of 'before and after' patient cases are illustrated with a generous number of radiographs - many of which span over 25 years posttreatment. Offering the most relevant information in a convenient size, this 6th edition reflects the major changes in instruments, techniques in canal preparation, and the advances in canal filling that have occurred in the field.

Brain Edema XVI

This book is designed to provide the reader with a full understanding of the role of cone beam computed tomography (CBCT) in helping to solve many of the most challenging problems in endodontics. It will shorten the learning curve in application of this exciting imaging technique in a variety of contexts: difficult diagnostic cases, treatment planning, evaluation of internal tooth anatomy prior to root canal therapy, nonsurgical and surgical treatments, early detection and treatment of resorptive defects, and outcomes assessment. The ability to obtain an accurate 3D representation of a tooth and the surrounding structures by means of noninvasive CBCT imaging is changing the approach to clinical decision making in endodontics. Clinicians long accustomed to working in very small, three-dimensional spaces are no longer constrained by the limitations of two-dimensional imaging. The challenges of mastering the new technology can, however, be daunting. The detailed guidance contained in this book will help endodontists to take full advantage of the important benefits offered by CBCT.

The Testament of Beauty - A Poem in Four Books

This book provides dental professionals with a clear understanding of current clinical and scientific knowledge on the various aspects of pulp treatment for both primary and young permanent teeth. Diagnostic parameters are clearly presented, along with step-by-step descriptions of clinical procedures, including indirect and direct pulp treatments, pulpotomy, and pulpectomy. The rationale for the materials used in each technique and their individual merits and disadvantages are examined in detail. In the case of pulpotomy, all the materials used since the introduction of this treatment modality are discussed (e.g., formocresol, glutaraldehyde, ferric sulfate, and MTA) and the roles of sodium hypochlorite, electrofulguration, and laser therapy are elucidated. Special attention is devoted to pulpectomy and root canal treatment, with consideration of debriding and obturation techniques, rinsing solutions, and root-filling pastes. A further individual chapter is dedicated to restorations of teeth treated with the different types of pulp therapy. The various conservative treatment modalities are also presented, including specific treatments for immature nonvital permanent teeth. The concluding chapter looks to the future and the potential value of stem cells in pulp therapy.

The Future of Aging

Many of the earliest books, particularly those dating back to the 1900s and before, are now extremely scarce and increasingly expensive. We are republishing these classic works in affordable, high quality, modern editions, using the original text and artwork.

Advanced Pharmacology for Prescribers

ENDODONTICS: PRINCIPLES AND PRACTICE, 4th Edition is an essential scientific and clinical building block for understanding the etiology and treatment of teeth with pulpal and periapical diseases. You'll easily understand and learn procedures through step-by-step explanations accompanied by full-color illustrations. Comprehensive coverage of normal structures, disease, diagnosis and treatment planning, periodontic endodontic interrelationship, trauma, local anesthesia, root canal instruments, access preparations, cleaning and shaping, obturation, temporization, retreatment, endodontic surgery, endodontic outcomes, internal bealching, vital pulp therapy, geriatric endodontics, vertical fractures, and more gives you a complete understanding of modern endodontics! Distinguished experts in the field of endodontics share their experience regarding each topic discussed. Current references incorporate evidence-based information that is relevant to your practice. Advice for the prevention and treatment of accidental procedural errors ensures you are prepared to safely care for your patients. Outlines and Learning Objectives at the beginning of each chapter provide quick reference for specific topics. High-quality, full-color illustrations allow you to see the procedures described. Newly reorganized content now simulates the order in which procedures are performed in clinical settings.

Grossman's Endodontic Practice

Just as the health costs of aging threaten to bankrupt developed countries, this book makes the scientific case that a biological "bailout" could be on the way, and that human aging can be different in the future than it is today. Here 40 authors argue how our improving understanding of the biology of aging and selected technologies should enable the successful use of many different and complementary methods for ameliorating aging, and why such interventions are appropriate based on our current historical, anthropological, philosophical, ethical, evolutionary, and biological context. Challenging concepts are presented together with in-depth reviews and paradigm-breaking proposals that collectively illustrate the potential for changing aging as never before. The proposals extend from today to a future many decades from now in which the control of aging may become effectively complete. Examples include sirtuin-modulating pills, new concepts for attacking cardiovascular disease and cancer, mitochondrial rejuvenation, stem cell therapies and regeneration, tissue reconstruction, telomere maintenance, prevention of immunosenescence, extracellular rejuvenation, artificial DNA repair, and full deployment of nanotechnology. The Future of Aging will make you think about aging differently and is a challenge to all of us to open our eyes to the future therapeutic potential of biogerontology.

Ingle's Endodontics

Endodontics - E-Book

This book is a guide to proven, current clinical endodontic practice. It is designed, primarily, with the undergraduate readership in mind but is also suitable for anyone pursuing specialist training, including extended skills in endodontics, and general dental practitioners undertaking CPD, or wishing to keep up-to-date. The seventh edition is available with an online question bank containing MCQs and Clinical Cases. Practical approach to the subject, taking the reader through every step of endodontic practice from its scientific basis to patient assessment and through to clinical techniques Helpful pedagogic features - including Learning Outcomes and Summary Boxes - help reinforce learning International experts and contributors help ensure good coverage and currency of information Explores areas of debate when they exist to reflect differing approaches to treatment intervention Explains the potential impact of systemic conditions and disorders, as well as medications, on endodontic treatment planning and management Discusses the diagnosis of orofacial pain and the appropriate use of antibiotics and analgesics Explores the maintenance of pulp vitality and the prevention of apical periodontitis in the context of operative dentistry Provides an overview of instruments and devices used during endodontic treatment Describes the fundamental principles of canal filling using gutta-percha, as well as the use of alternative materials, and newer root filling techniques Discusses the management of dental trauma with emphasis on accurate diagnosis, timely and appropriate treatment, and follow-up Explores the interface between endodontic-periodontal disease in the context of diagnosis, treatment and prognostic assessment Discusses common challenges such as inadequate pain control and problems with preparation and filling of the root canal system Written at a level which is ideal for dental students, general dental practitioners and those pursuing specialist training or seeking to keep up-to-date Comes with access to an online question bank

containing a wide range of MCQs and Clinical Cases to help reinforce learning! Richly illustrated with over 80 colour artworks – many created by the Gray's Anatomy illustration team – and 350 photographs, many of which are previously unpublished Explores advances in our understanding of the role of microorganisms in the pathogenesis of pulpal and periradicular diseases and the role of host defence response against root canal infection Explores the use of newer imaging techniques such as three-dimensional tomography in determining pulp space anatomy and in treatment planning Explains recent advances in material technology, molecular biology and regenerative medicine in the management of deep caries and maintenance of pulp vitality Explores the effective use of existing and newer chemomechanical preparation techniques and intracanal medication for thorough root canal system decontamination Explores advances in the techniques available for restoring endodontically treated teeth

Diagnosing Dental and Orofacial Pain

Hundreds of full-color photographs and illustrations show concepts and depict case studies and treatment outcomes. Step-by-step descriptions of treatment plans offer "recipes" for treating patients according to type of injury. For each type of traumatic injury, you'll learn these key steps: How to perform a correct initial assessment of the problem. How to determine whether the patient suffers any related problems. How to record the injury and its subsequent treatment in the patient record. How to avoid future problems by ensuring that the entire tooth is treated -- including any hidden injury to the pulp or dentin. Information on etiology and epidemiology of problems promotes more effective treatment of specific injuries and conditions. The Law and Dental Trauma chapter explains legal issues unique to treating dental injuries under emergency conditions. Psychological Impact of Injuries chapter describes the reactions that trauma patients may have, -

Disinfection of Root Canal Systems

It incorporates the changes that have occurred in endodontic theory and practice in terms of materials, concepts and protocols. The presentation of the concepts and techniques has also been revised.

Pathways of the Pulp

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

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