Pathways Pulp 11

Surgical Procedures on the Cirrhotic Patient

Paediatric Dentistry

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.

Paediatric Dentistry

This new edition in the established and well-respected series Veterinary Self-Assessment Color Reviews covers all aspects of veterinary dentistry. Each case consists of one or more questions, illustrated by stimulating visual material including imaging and color clinical photographs. The 228 cases appear in random order, just as they would in practice.

Dental Management of the Medically Compromised Patient

Führungswissen punktgengenaufGebndeltes Wissen fr die Anwendung in der Praxis! Eine der schwierigsten Herausforderungen fr Führungskräfte ist es, mit der Individualität ihrer Mitarbeiter umzugehen. Warum verhält sich der Mitarbeiter so? Warum reagiert er anders als andere Mitarbeiter? Wie verhält sich der Mitarbeiter in stressigen Situationen? Dieses Buch, aus der grow.up.-Reihe Führungswissen, hilft Ihnen dabei, sich selbst und andere besser zu verstehen. Sie lernen, die unterschiedlichen Verhaltensmuster ihrer Mitarbeiter mit den eigenen so in Einklang zu bringen, dass Beziehungen, Kommunikation und Zusammenarbeit nachhaltig verbessert werden. Sie wissen, was Ihr Farbtyp er Ihre Führungsstile aussagt, wie Sie Ihre Wirkung auf andere gezielt verbessern und in Verhandlungen berzeugen können. Sie erfahren, was sie bei der Teamarbeit mit den unterschiedlichen Typen beachten müssen und kennen Konflikte frühzeitig antizipieren. Des Weiteren hilft Ihnen das Buch dabei, schneller zu erkennen, welcher Farbtyp im Bewerbungsgespräch vor Ihnen sitzt und ob dieser zur Stelle sowie zu Ihnen

Page 1/12
Management of Fractured Endodontic Instruments


Cohen's Pathways of the Pulp Expert Consult - E-Book

Human Teeth

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.

The Guidebook to Molar Endodontics

This superbly illustrated book provides detailed information on the causes of instrument failure during endodontic treatment, the factors influencing the management of such cases, and the diverse management options that may be employed to resolve the problem. Readers will find clear descriptions and comparative evaluation of the available methods, techniques, and devices. Complications that may arise during the management of fractured instruments are described, and the impact of retained file fragments on the prognosis of endodontic treatment is discussed. In addition, means of preventing iatrogenic errors from occurring in the first place (the best form of management) are explained, emphasizing that the risk of instrument failure is reduced if proper guidelines are carefully considered and followed. The book will assist both endodontists and general dental practitioners in achieving an optimal outcome when confronted with the time-consuming and challenging task of dealing with a fractured instrument within the root canal – a still frequent circumstance despite the plethora of improvements in instrument design, alloy composition, and manufacturing processes.

Des Sokrates Verteidigung

Learn to master a highly specialized form of animal surgery. Oral and Maxillofacial Surgery in Dogs and Cats, 2nd Edition offers a unique, detailed, comprehensive and highly illustrated account of surgical procedures that will improve outcomes for all surgical and dental specialists. The second edition of this text is a collaborative effort from both human and veterinary oral surgeons – each considered an expert in their field. With in-depth clinical photos, and illustrations, this indispensable resource is perfect for both general practitioners and students alike. An authoritative collaboration between human and animal surgeons includes over 30 international
contributors who represent the peak of professional expertise in the field. UNIQUE! Only book on the market devoted to a surgical specialty of growing relevance provides you with a look at a highly specialized practice. High-quality illustrations combined with step-by-step textual guidance give you a clear understanding of the material. In-depth descriptions of surgical conditions provide you with detailed explanations of surgical procedures. NEW! Expert Consult site provides you with digital access to the full textbook. NEW! Additional chapters on the latest discoveries and techniques cover Diagnostic imaging in oral and maxillofacial surgery, Piezosurgery, Temporomandibular ankyloses and pseudoankylosis, and Regenerative techniques in maxillofacial surgery.

Cell Biology and Translational Medicine, Volume 5

This issue of *Veterinary Clinics: Small Animal Practice*, guest edited by Drs. Maureen McMichael and Melissa Singletary, focuses on Working Dogs: An Update for Veterinarians. This issue is one of six issues published each year. Articles in this issue include, but are not limited to: Introduction to Working Dogs; Preventative Health Care and essential equipment needs; Aesthetic Considerations in Working Dogs; Dentistry for Working Dogs; Nutrition in Working Dogs; Current Rules and Regulations for Working Dogs; Canine Olfaction; Sports Medicine and Rehabilitation in Working Dogs; Herding and Sporting Dogs; Breeding Management and Production in Working Dogs; Development and Training for Working Dogs; Military Working Dogs; Operational Canines; and Assistance, Service, and Therapy Dogs.

Scott-Brown's Otorhinolaryngology and Head and Neck Surgery, Eighth Edition

This volume offers readers a pragmatic approach to endodontic therapy for permanent molars, based on up-to-date evidence. All chapters were written by experts in the field, and focus on preparation for treatment, vital pulp therapy, access cavity preparation, root canal shaping, outcome assessment, retreatment, apical surgery, and specific aspects of restorations for root canal-treated molars. The role of micro-CT data in visualizing canal anatomy is compared to cone beam CT, and detailed information on current clinical tools, such as irrigation adjuncts and engine-driven preparation tools is provided. Important steps are illustrated in clinical photographs and radiographs, as well as by schematic diagrams. Tables and check boxes highlight key points for special attention, and clinical pitfalls. Guiding references are provided. Performing molar endodontics is often a daunting prospect, regardless of the practice setting. This is where "Molar Endodontics" is an ideal source of guidance for practitioners. Special devices and recent innovations in apex locators and nickel-titanium instruments have, however, made procedures significantly easier and more practical for non-specialists. This book will help conscientious clinicians to master molar endodontics with well-described and established clinical methods.

Gute Nacht

Biopolymer Membranes and Films: Health, Food, Environment, and Energy Applications presents the latest techniques for the design and preparation of biopolymer-based membranes and films, leading to a range of cutting-edge applications. The first part of the book introduces the fundamentals of biopolymers, two-dimensional systems, and the characterization of biopolymer membranes and films, considering physicochemical, mechanical and barrier properties. Subsequent sections are organized by application area, with each chapter explaining how biopolymer-based membranes or films can be developed for specific innovative uses across the health, food, environmental and energy sectors. This book is a valuable resource for researchers, scientists and advanced students involved in biopolymer science, polymer membranes and films, polymer chemistry and materials science, as well as for those in industry and academia who are looking to develop materials for advanced applications in the health, food science, environment or energy industries. Presents detailed coverage of a range of novel applications in key strategic areas across health, food, environment and energy. Considers the difficulties associated with two-dimensional materials Assists the reader in selecting the best materials and properties for specific applications Helps researchers, scientists and engineers combine the enhanced properties of membranes and films with the sustainable characteristics of biopolymer-based materials
Textbook of Endodontics

Stay up on the latest research and techniques in endodontics with Cohen’s Pathways of the Pulp, 12th Edition. Written by a team of internationally renowned experts and trusted for more than 40 years, this definitive guide covers the science, theory, and practice of endodontics. Full color illustrations and detailed radiographs guide readers through each step of endodontic care — from diagnosis and treatment planning to proven techniques for managing pulpal and periapical diseases. This new twelfth edition also boasts the very latest evidence-based research and techniques, reorganized and condensed chapters, plus other features designed to help you locate important information quickly and easily. Complete with access to Expert Consult, it’s everything you need to stay ahead in the field of endodontics. Extensive illustration collection includes over 2,000 full-color photos, line art, and radiographs to clearly demonstrate core concepts and reinforce the essential principles and techniques of endodontics. Video clips and case studies demonstrate key procedures such as palpation of the masseter muscle, introsseous anesthesia with the X-tip system, dentin hypersensitivity, and more. Diverse and respected contributor pool includes experts from many national- and international-based dental education programs. NEW! Updated content and new images incorporate the most recent developments in research and clinical endodontic techniques. NEW! Additional topics cover pulp biology, pathobiology, diagnosis, treatment planning, pain control, isolation, access, cleaning and shaping, obturation, restoration, assessment of outcomes, emergencies and surgery. Each online topic comes with assigned reading lists, a PowerPoint lecture, written lesson objectives, and example exam questions. NEW! Compliance with the Commission on Dental Accreditation Curriculum ensures that the needs of all dental programs are met. NEW! Reorganized sections now divide chapters by those covering clinical endodontics, those covering the biological basis of endodontics, and chapters which detail endodontics in private practice to make content easier for both clinicians and students to navigate. NEW! Condensed chapters remove unnecessary duplication of content across the text and make the physical text lighter and easier to use.

Der Fall Maurizius

Primary teeth are natural space maintainers which should be preserved till their physiological exfoliation. Pulpectomy is a conservative treatment option to salvage infected primary teeth. However, primary teeth with their bizarre root canals that undergo continued secondary dentin deposition and physiological root resorption combined with pathological changes present a significant endodontic challenge especially during obturation. The obturation technique used should ensure a hermetic seal and at the same time prevent extrusion of the obturation material which would be detrimental to the successor teeth. This book discusses various obturation techniques for primary teeth root canals and summarize the evidence. It was found that various factors like obturation material used, location of teeth in the oral cavity, canal anatomy, handling characteristics, cost and treatment time play an important role in the clinician’s choice of obturation technique. Therefore, there is no single technique that can be recommended as ‘ideal’ for obturation.

Common Complications in Endodontics

Stay up on the latest research and techniques in endodontics with Cohen's Pathways of the Pulp, 12th Edition. Written by a team of internationally renowned experts and trusted for more than 40 years, this definitive guide covers the science, theory, and practice of endodontics. Full color illustrations and detailed radiographs guide readers through each step of endodontic care - from diagnosis and treatment planning to proven techniques for managing pulpal and periapical diseases. This new twelfth edition also boasts the very latest evidence-based research and techniques, reorganized and condensed chapters, plus other features designed to help you locate important information quickly and easily. Complete with access to Expert Consult, it's everything you need to stay ahead in the field of endodontics. Extensive illustration collection includes over 2,000 full-color photos, line art, and radiographs to clearly demonstrate core concepts and reinforce the essential principles and techniques of endodontics. Video clips and case studies demonstrate key procedures such as palpation of the masseter muscle, introsseous anesthesia with the X-tip system, dentin hypersensitivity, and more. Diverse and respected contributor pool includes experts from many national- and international-based dental education programs. NEW! Updated content and new images
incorporate the most recent developments in research and clinical endodontic techniques. NEW! Additional topics cover pulp biology, pathobiology, diagnosis, treatment planning, pain control, isolation, access, cleaning and shaping, obturation, restoration, assessment of outcomes, emergencies and surgery. Each online topic comes with assigned reading lists, a PowerPoint lecture, written lesson objectives, and example exam questions. NEW! Compliance with the Commission on Dental Accreditation Curriculum ensures that the needs of all dental programs are met. NEW! Reorganized sections now divide chapters by those covering clinical endodontics, those covering the biological basis of endodontics, and chapters which detail endodontics in private practice to make content easier for both clinicians and students to navigate. NEW! Condensed chapters remove unnecessary duplication of content across the text and make the physical text lighter and easier to use.

2700 K m Jakobsweg

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.

ber Selbstgespräche Und Vorstellungsbilder Gestalten Sie Ihr Leben!


Anime-Malbuch 1

This book provides information on nomenclature, tooth numbering systems, tooth morphology, and anatomy and stages of tooth formation. It continues with root canal morphology and anatomy of incisors, canines, premolars, and molars. External and internal anatomies of mandibular permanent incisors and maxillary permanent first molars are presented according to a literature review. Orofacial structures affecting tooth morphology are discussed in detail. The book ends with the evolution of dental implant shapes and todays custom root analog implants.

Memorix Zahnmedizin

This cutting-edge book is a quick reference guide to the evidence-based evaluation, diagnosis, and management of the broad spectrum of orofacial disorders. Each chapter is devoted to a particular disease or disorder and presents advances in our understanding of the condition, the most recent evaluation and diagnostic strategies, and up-to-date treatment approaches. In addition, strategies for integration of care into routine dental practice are explained, and information provided on how to comprehensively diagnose and manage orofacial disorders. The coverage encompasses the latest technological advances in the field, such as novel pharmaceuticals, diagnostic tools, gene transfer techniques, radiotherapy modalities, and a vast array of interdisciplinary and multidisciplinary approaches including
complementary and alternative therapies for orofacial disorders. Although the management of orofacial disorders is emerging as a distinct field of dentistry, many dentists and physicians are unfamiliar with recent advances in the care of patients with these disorders including orofacial pain, oral lesions and cancer, malodor, xerostomia, obstructive sleep apnea, bruxism and oral parafunctional behaviors, temporomandibular disorders, occlusal dysesthesias, orofacial neuropathic pains, and headaches. This book, written by world class experts, is deliberately geared to the level of understanding of a clinician. It will serve as an ideal evidence-based reference and source of specific clinical recommendations in daily practice.

Obturation techniques in Primary teeth

The Principles of Endodontics


Taschenatlas der Endodontie

Wiggs’s Veterinary Dentistry

Equine Dentistry - E-Book

Introducing an essential new practical atlas for dental students and clinicians alike! The Color Atlas of Oral and Maxillofacial Diseases provides comprehensive, practical information on the most common oral and maxillofacial diseases and disorders. This new text uses a quick-access atlas format to help you easily look up clinical signs, diagnosis, and treatments. Nearly 750 high-quality images accompanied by brief narratives demonstrate exactly what clinical signs to look for - making an intervention as timely as possible. Written by four of the top dental authorities in the world, this concise resource is sure to become a clinical favorite. NEW! Quick-access atlas format makes it easy to look up clinical signs, diagnosis, and treatment of oral and maxillofacial diseases NEW! Nearly 750 high-quality radiographs and color clinical photos facilitate the identification of lesions and diseases. NEW! Comprehensive, focused coverage highlight diseases that
may affect the oral and maxillofacial regions. NEW! Full-color design and illustrations. NEW! Logical organization reflects the sequence in which content is generally presented to predoctoral students

Veterinary Dentistry

Traumatic Dental Injuries in Children

Endodontic Materials in Clinical Practice delivers a much-needed comprehensive and clinically oriented reference to the materials used in endodontic practice. It provides complete details on the properties of the materials required for specific techniques in order to help in the selection of the appropriate materials and improve patient outcomes. Comprehensive in scope and filled with helpful illustrations, the book covers endodontic materials used from the pulp to the root-end. In addition, the text considers the location and technique for each of the materials presented. Designed to be a practical and accessible reference, the book is organised by specific clinical procedure. Presents an illustrated guide to all materials used in endodontic practice Focuses on the clinical application for each material Explains why specific materials are used Includes information on how to select the correct material Considers locations and techniques in making material decisions Written for specialist endodontists and residents, dental material specialists, post-graduate students, general dentists, and dentistry students, Endodontic Materials in Clinical Practice is an essential resource for selecting the right materials for specific techniques.

Orofacial Disorders


Biopolymer Membranes and Films

2700 Kilometer bemisst der Jakobsweg von Köln bis Santiago de Compostela, den der Autor im Frühjahr und Sommer 2011 in 93 Tagen gewandert ist. Der Autor beschreibt neben seinen persönlichen Erfahrungen und Eindrücken schwerpunktmäßig, was dieser zutiefst europäische Weg an Natur, Geschichte und K unstgeschichte vor ihm ausgebreitet hat. Er illustriert den Text durch eigene Fotos. Das Buch lädt ein, diesen Weg zu erleben. The old European pilgrim's road, the Way of St. James, covers a distance of 2700 kilometers from Cologne in Germany to Santiago de Compostela in Spain. During spring and summer 2011 the author peregrinated on this way, arriving in Santiago after 93 days. Besides his personal experiences and impressions he describes what this deeply European road has to offer with respect to nature, history and art history. The description is illustrated by a selection of the author's photographs. The book is an invitation to experience this Way of St. James.

Essentials of Oral Histology and Embryology E-Book
This volume provides a concise yet comprehensive overview on surgical procedures performed on the cirrhotic patient. The text explains the underlying pathophysiologic alterations in liver disease and cirrhosis, provides assessment of disease severity and risk factors, and helps to predict potential outcomes based on the nature of the operation. Operations discussed in detail include bariatric surgery, colorectal surgery, hepatic surgery, kidney transplantation, gynecological procedures, neurosurgical procedures, and ophthalmic surgery. The book is also supplemented with instructive color illustrations and tables. Written by experts in the field, Surgical Procedures on the Cirrhotic Patient is a valuable, multidisciplinary resource for clinicians who treat the cirrhotic patient. With a Foreword by Thomas E. Starzl, the father of liver transplantation.

Erfolgreiche Führung Mit Dem Vierfarben-modell

Endodontic Microbiology, Second Edition presents a comprehensive reference to the microbiology, pathogenesis, management, and healing of endodontic pathosis, emphasizing the importance of biological sciences in understanding and managing endodontic disease and its interaction with systemic health. The book has been thoroughly updated to reflect new studies and advances in knowledge, particularly in the areas of next generation sequencing, microbial virulence, and the relationship of endodontic pathosis and systemic diseases. Written by the leading educators and researchers in the field, Endodontic Microbiology provides a state-of-the-art, contemporary resource for understanding and eradicating intracanal infection. Chapters thoroughly cover the growing body of knowledge about endodontic microbiology, including molecular analysis, periapical microbiology, and virulence. The science is situated within the clinical context, providing a complete resource for understanding and treating endodontic disease. Endodontic Microbiology is an essential reference for predoctoral and postgraduate endodontics students, practicing endodontists, and researchers in this area. Key features Provides a major revision to the first book to focus on the problems related to microbes in the root canal and periapical tissues Updates current knowledge in endodontic pathosis, especially regarding next generation sequencing and microbial virulence Presents useful diagrams, images, radiographs, and annotated histological images to illustrate the concepts Emphasizes the importance of biological science in understanding and managing endodontic disease Includes contributions from the leading researchers and educators in the field


Wiggs’s Veterinary Dentistry: Principles and Practice, Second Edition is a fully updated and expanded new edition of the classic comprehensive reference for veterinary dentistry. Provides current, comprehensive information on veterinary dentistry Encompasses rudimentary tenets of the field as well as advanced techniques Presents the state-of-the-art in veterinary dentistry, with all topics fully updated, revised, and expanded to reflect current knowledge Written by leading veterinary dental specialists and edited by luminaries in the field Includes more images and color throughout to support the text

Probleme in der Endodontie

This book is a clinical guide to the prevention and management of traumatic dental injuries, including crown and root fractures and luxation injuries, in children of all ages. Readers will find clear descriptions of the challenges posed by the pediatric population, the evaluation of injuries, diagnosis, management, and follow-up. Whenever available, evidence-based guidelines are used to inform clinicians of the most appropriate care for each type of injury. A holistic approach is adopted, taking into account the child’s developmental stage and ability to tolerate the proposed treatment. Where indicated, more advanced forms of behavior guidance are discussed to enable the delivery of safe and effective care that will allow the best outcome to be achieved. Often, traumatic dental injuries result in sequelae that compromise the health of the developing permanent teeth. These sequelae and appropriate treatment options are described along with innovative approaches designed to preserve bone and maximize future treatment possibilities. The book will be a valuable asset for both pediatric and general dentists.
Cohen's Pathways of the Pulp Expert Consult

A compilation of a wide range of topics discussed by world-renowned experts in the field of equine dentistry. The new edition of this popular resource represents a total revision of previous content and provides the reader with state-of-the-art knowledge of the field. Comprehensive and definitive, Equine Dentistry third edition retains the successful approach of extensive illustration and step-by-step guidance through oral and dental procedures. In addition, it includes many new figures, expanded text sections in key areas and brings to the team two new editors of international repute. Many new contributions from international experts are combined in this text to promote not only the care of horses in regards to oral and dental health but also the education of veterinary professionals in this rapidly developing area. Jack Easley is joined by James Schumacher and Padraic Dixon in the editorial team. Seven new chapters reflect the major advances in dental anatomy and disease and also more general advances in analgesia and anesthesia, diagnostic imaging, and dental surgery. The brand-new DVD provides visual as well as vocal guidance to techniques of equine dental examination and prophylactic treatment.

3D Imaging in Endodontics

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!

Oral and Maxillofacial Surgery in Dogs and Cats - E-Book

This new edition of Paediatric Dentistry is a trustworthy guide to the essentials of paediatric dentistry for both students and practitioners alike. Written in a user-friendly style, this textbook contains over 18 fully up-to-date and comprehensive chapters. All content has been carefully structured to ensure the reader is provided with both key theoretical and practical information on paediatric dental care. Chapter content ranges from dental trauma and child safeguarding through to prevention and restorative treatments, in addition to further content on oral surgery and paediatric oral medicine. Each chapter is complemented by the use of key point boxes, full colour illustrations, and photographs to enhance the understanding clinical technique. With recommended further reading and extensive key references, this core text also encourages students to critically analyse and evaluate evidence. Edited by a team of experts in the field, this is an excellent introduction to the field of paediatric dentistry for both undergraduate and post-graduate students as well as a key source of reference for practising clinicians.

Cohen's Pathways of the Pulp Expert Consult

Essentials of Oral Histology and Embryology: A Clinical Approach, 5th Edition uses a patient-centered approach in covering to help dental professionals build a strong foundation in oral biology and basic science for dental professionals. It provides a clear understanding explanations of the anatomy of oral and facial tissues — and of normal and abnormal orofacial development — so that you can provide effective oral health care for all patients with abnormalities. In addition to the stages of tooth development, it covers eruption and shedding of teeth, plus the parts of teeth - including enamel, dentin, dental pulp, and cementum. Written by Daniel J. Chiego Jr., a noted dental educator and researcher, this book helps you succeed in the classroom and in clinical practice. Cutting-edge content provides essential knowledge of the basics of oral biology, with a focus on clinical application. Hundreds of high-quality illustrations include histographs, micrographs, and clinical photos depicting various stages of the development of oral structures. Clinical Comment and Consider
the Patient boxes help you apply scientific information to clinical practice and patient care by including with clinical tips, points of interest, and patient situations. Self-evaluation questions and practice quizzes help you review for classroom and national board exams. Quandaries in Science boxes explore the philosophical and scientific dilemmas associated with head and neck embryology and histology. Learning objectives and Key Vocabulary terms are listed at the beginning of each chapter highlighted in text discussions and defined in a back-of-book glossary. Suggested readings at the end of each chapter make it easy to look up. Provide easy access to classic and new research studies. NEW content includes biofilm and its association with systemic disease, the causes of TMJ, clinical applications with dental pulp, new enamel proteins, synthetic oral mucosa, and more. NEW full-color illustrations, micrographs, and histograms are added supplement content narrative throughout to help improve comprehension. NEW! Case studies connect concepts to real-world situations.

Endodontic Materials in Clinical Practice


Endodontic Microbiology

Find the latest evidence-based research and clinical treatments! Cohen's Pathways of the Pulp, 11th Edition covers the science, theory, and practice of endodontics with chapters written by internationally renowned experts. Full-color illustrations and detailed radiographs guide you through each step of endodontic care - from diagnosis and treatment planning to proven techniques for managing pulpal and periapical diseases. New to the print edition are seven new chapters, and the eBook version adds three more. As an Expert Consult title, Cohen's Pathways of the Pulp lets you search the entire contents of the book on your desktop or mobile device, and includes videos, case studies, and more. Edited by noted specialists Kenneth Hargreaves and Louis Berman, this book is the definitive resource in endodontics! Print version of the text includes 27 comprehensive chapters and meets the CODA requirements for endodontic dental education. EBook version of the text consists of 30 searchable chapters, including the 27 chapters in the print version, and features videos, PowerPoint® slides, review questions, case studies, and more; this expanded version makes it easy to find clinical answers quickly, and meets the needs of students, clinicians, and residents in endodontics. Videos and animations demonstrate key procedures such as palpation of the masseter muscle, intrasosseous anesthesia with the X-tip system, dentin hypersensitivity, indirect ultrasound, palpation of the temporomandibular joint, and ultrasonic settling. Over 2,000 illustrations include full-color photos and line art, along with a wide range of radiographs, clearly demonstrating core concepts and reinforcing the essential principles and techniques of endodontics. NEW! Three chapters are available in the eBook: Understanding and Managing the Anxious Patient, Endodontic Records and Legal Responsibilities, and Endodontic Practice Management. NEW! Radiographic Interpretation chapter clarifies the diagnostic process with coverage of imaging modalities, diagnostic tasks, three-dimensional imaging, cone beam computed
tomography, intra- or post-operative assessment of endodontic treatment complications, and more. NEW Pain Control chapter addresses the management of acute endodontic pain with coverage of local anesthesia for restorative dentistry and endodontics, along with non-narcotic analgesics and therapeutic recommendations. NEW Evaluation of Outcomes chapter helps you achieve optimal treatment outcomes with information on topics such as the reasons for evaluating outcomes, outcome measurements for endodontic treatment, and the outcomes of vital pulp therapy procedures, non-surgical root canal treatment, non-surgical retreatment, and surgical retreatment. NEW Root Resorption chapter covers the early detection, diagnosis, and histological features of root resorption, as well as external inflammatory resorption, external cervical resorption, and internal resorption. NEW Iatrogenic Endodontics chapter addresses failed treatment scenarios with key information on the event itself, the etiology, soft and hard tissue implications and symptoms, and treatment options and prognosis; the events include cervico-facial subcutaneous emphysema, sodium hypochlorite accidents, perforations (non-surgical), inferior alveolar nerve injury, surgical, sinus perforation, instrument separation, apical extrusion of obturation materials, and ledge formation. NEW Vital Pulp Therapy chapter provides an overview of new treatment concepts for the preservation of the pulpally involved permanent tooth, covering topics such as the living pulp, pulpal response to caries, procedures for generating reparative dentin, indications and materials for vital pulp therapy, MTA applications, and treatment recommendations. NEW Bleaching chapter addresses procedures that can be utilized during and following endodontic treatment to eliminate or reduce any discoloration issues, reviewing internal and external bleaching procedures and their impact on pulpal health/endodontic treatment - with presentations of cases and clinical protocols.

Cohen's Pathways of the Pulp - E-Book

Scott-Brown's Otorhinolaryngology is used the world over as the definitive reference for trainee ENT surgeons, audiologists and trainee head and neck surgeons, as well as specialists who need detailed, reliable and authoritative information on all aspects of ear, nose and throat disease and treatment. Key points: accompanied by a fully searchable electronic edition, making it more accessible, containing the same content as the print edition, with operative videos and references linked to Medline highly illustrated in colour throughout to aid understanding updated by an international team of editors and contributors evidence-based guidelines will help you in your clinical practice features include key points, best clinical practice guidelines, details of the search strategies used to prepare the material and suggestions for future research new Endocrine section. Scott-Brown will provide trainee surgeons (ENT and Head and Neck), audiologists and ENT physicians with quick access to relevant information about clinical conditions, and provide them with a starting point for further research. The accompanying electronic edition, enhanced with operative videos, will enable both easy reference and accessibility on the move.


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

Chatgeschichten - Erotische Träume zu zweit: Eines Tages vielleicht

In der virtuellen Welt lernen sich der Reporter Gabriel und die Studentin Kim kennen. Es entwickelt sich eine intensive Liebesbeziehung zwischen den beiden, der Körper entlädt seine Sehnsüchte in Tastenbewegungen. Erotische Stunden zu zweit, gewürzt durch humoristische Dialoge, (selbst-) kritische Gedankengänge, gemeinsame Ausflüge. Die Protagonisten formen eine unvergleichliche platonische Phantasiewelt,
einem virtuellen Tennis-Match gleich werfen sie sich die Wort-Bälle zu, fangen sie auf und erwidern sie. Eine rasante Geschichte nimmt ihren Lauf.

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