

Caries Removal In Primary Teeth A Systematic Review

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. ?

ABSTRACT: Helping patients achieve an optimal quality of life through patient-centered treatment planning should be the ultimate goal of all oral health care providers. However, this issue extends beyond the realm of the individual clinician's office. This text presents quality-of-life research from various fields, including psychology, public health, and general health care; discusses how a patient-centered approach can be applied to basic oral and craniofacial research, clinical dental practice, community dental health issues, and dental education; and addresses how oral health-related quality of life relates to treating and understanding different patient populations, such as children with special needs, medically compromised patients, patients with oral cancer, and patients with chronic facial pain. Also discussed is how factors such as race/ethnicity, gender, and age can affect oral health-related quality-of-life concerns and treatment strategies. Finally, the book offers an outlook on the role that oral health-related quality of life will play in future research and dental education.

This book provides information about the recent developments in minimal tissue intervention methods, including the use of fluoride, ozone, and mild chemical treatments. In particular, the safety and efficacy of a novel chemomechanical agent, Carisolv, is described.

This clinical guide, featuring a wealth of high-quality photographs, will help pediatric dentists, pediatric dentistry residents and general dental practitioners treating children, acquire a clear understanding of contemporary treatment protocols for primary and young permanent teeth while serving as a guide to integrate these procedures into their private or institutional practice. The background to the book is the emergence in recent years of important paradigm shifts in treatment concepts. It is now recognized that clinicians must distinguish between "caries management" and "carious lesion management" when treating children. Moreover, regenerative endodontic procedures have changed the way in which the immature permanent tooth is treated. The authors present the full range of current treatment techniques step-by-step, with all the necessary detailed photographic documentation and succinct supporting text. It will be an asset for dentists worldwide.

Atraumatic Restorative Treatment (ART) for Dental Caries

Pediatric Restorative Dentistry

a clinical and laboratory evaluation of a chemomechanical method of caries removal in primary teeth

Operator and Child Perspective : a Thesis Submitted in the Partial Fulfillment ... for the Degree of Master of Science in Pediatric Dentistry ...

Painless Dentistry-A New Chemomechanical Caries Removal Method

This book describes and discusses the different restorative options for managing carious lesions in children with primary and mixed dentition. The aim is to provide practitioners with thorough, up-to-date information that will improve their clinical practice. The opening chapters present a comprehensive overview regarding diagnosis of carious lesions, risk assessment, child behavior and development, and behavioral management. The importance of oral health promotion and prevention in controlling lesion progression and maintaining oral health is reviewed. The impact of various factors on clinician decision making is then explained in detail, examples including the type of dentition (primary versus permanent), the clinical and radiographic aspect of the dentine carious lesion (noncavitated or cavitated), and whether the lesion is associated with a developmental defect. Guidance is provided on selection of nonoperative versus operative interventions, and the restorative materials most frequently used in pediatric dentistry are fully described, highlighting their advantages and disadvantages. Readers will also find an informative series of cases, with explanation of the choices in terms of materials and approach.

The new edition of this internationally recognised text offers comprehensive guidance on the successful management of the child in the dental setting. Prepared by authors of international renown, the Handbook of Paediatric Dentistry presents a volume that takes the reader far beyond the technical skills that are needed to treat disorders of the childhood dentition and instead delivers a whole philosophy of integrative patient care. Richly illustrated and in full colour throughout, the Handbook of Paediatric Dentistry is written in a friendly 'how to' manner and contains useful 'pull out' boxes to act as useful aide-mémoires. Exploring a variety of topics, the book includes discussion of child development, practical communication skills and advice on how to deal with behavioural problems. Clinical topics include the management of caries, fluoridation, restorative dentistry, pulp therapy, trauma management, oral medicine and pathology, dental anomalies, and the treatment of medically compromised children. Chapters also explore the use of orthodontics, the management of cleft lip and palate and speech, language and swallowing. The Handbook of Paediatric Dentistry has become an essential chairside and bedside companion for all practitioners caring for children and is suitable for undergraduate dental students, general dental practitioners, specialist paediatric dentists, orthodontists and paediatricians. Established as the foremost available comprehensive handbook on paediatric dentistry Prepared in an 'easy-to-digest' fashion - which allows for quick reference and easy reading Contains over 550 full colour line artworks, photographs and tables together with 'Clinical Hints' boxes to act as useful aide-mémoires Sets out the essentials for managing conditions such as clefting disorders, haematological and endocrine disorders, congenital cardiac disease, disorders of metabolism, organ transplantation and cancer in children as well as more familiar presentations such as dental trauma, oral infections and caries Detailed appendices provide the reader with information that is often difficult to find and which may be overlooked Designed specifically to give all practitioners confidence when managing children Convenient handbook size ensures that the book can be easily referred to in the clinical setting Endorsed by the Australasian Academy of Paediatric Dentistry ~ Improved layout and completely new colour illustrations Expanded section on sedation and use of nitrous oxide Includes details from the most recent international guidelines Cases expanded to show 20 year follow-up Includes the latest research findings in orthodontics Fully updated section on clefting problems

Provide superior oral and dental care to children of all ages! Pediatric Dentistry: Infancy through Adolescence 6th Edition-South Asia Edition provides comprehensive coverage of oral care for infants, children, teenagers, and medically compromised pediatric patients. Organized by age group, the text covers examination, diagnosis, and treatment planning, as well as topics such as the prevention of dental disease, traumatic injuries, orthodontics, and restorative dentistry. UNIQUE! Age-specific organization separates sections and chapters by age group to cover specific changes the child experiences physically, cognitively, emotionally, and socially. Fundamentals of Pediatric Dentistry section covers basic information on children of all ages, including topics such as local and systemic diseases, pediatric physiology, cariology, pain control, and medical emergencies. Coverage of current trends and challenges emphasizes the prevention of dental diseases and reflects pediatric dentistry as it is practiced today. UPDATED coverage of caries risk assessment in children reflects the evolution of evidence-based oral health care. More than 1,000 full-color photos and illustrations show dental conditions and treatments.

Get the expert knowledge you need to provide quality oral care to pediatric patients! Trusted for more than 50 years, McDonald and Avery's Dentistry for the Child and Adolescent, 11th Edition provides the latest diagnostic and treatment recommendations for infants, children, and adolescents. It covers topics ranging from pediatric examination and radiographic techniques to development and morphology of the primary teeth, dental caries, dental materials, and local anesthesia. Another point of emphasis is the management of patients with special medical issues. On the Expert Consult website, you'll find a fully searchable version of the entire text along with case studies and step-by-step procedure videos. From internationally known educator Jeffrey A. Dean, this resource provides everything you need to prepare for board certification and succeed in clinical practice. Comprehensive coverage of pediatric dentistry includes the treatment of deep caries, prosthodontics, occlusion, trauma, gingivitis and periodontal disease, cleft lip and palate, facial esthetics, and medically compromised patients. More than 1,000 illustrations show oral structures and conditions along with dental procedures. Five major areas of focus help you organize your thinking and practice around key clinical concepts: diagnoses, caries and periodontology, pain control, oral growth and development, and management of special medical issues. Expert Consult website includes fully searchable access to the text, plus videos and case studies. Diverse and respected team of authors contribute chapters on their areas of expertise. Global readership includes translations of the text into seven different languages. NEW! Updated content includes a new section on sleep apnea, plus COVID-19 in children, pain management, dental bleaching, a minimalist approach to restorative dentistry, the latest dental materials, new pulp recommendations, community dentistry, patient-centered care, preventive orthodontic treatment, the use of silver diamine fluoride, and vaping with its oral implications. NEW! Additional patient cases and questions are included in the book and website. NEW! Procedure videos plus updates of existing videos are added to the Expert Consult website. NEW authors contribute updated and unique chapters throughout the book.

A Comparative Clinical Evaluation of Different Caries Removal Techniques in Primary Teeth

A Clinical Approach

Preservation and Restoration of Tooth Structure

Istanbul Aydin University Journal of Faculty of Dentistry

Caries Excavation: Evolution of Treating Cavitated Carious Lesions

The causes of dental decay (caries) and the means of diagnosing, preventing and treating the problem as soon as possible are dealt with from both a scientific and practical way in this textbook for dental workers, educationalists and therapists

Dental Caries is a major new work on a subject of vital concern to all dentists. It builds on the work of two former books, Textbook of Clinical Cariology and Fluoride in Dentistry, to present a definitive resource on caries prevention and treatment. The management of dental caries is central to daily work in dental offices because caries is ubiquitous in all populations, lesion development continues lifelong and caries is the most common cause of tooth loss around the world. The book's logical structure consists of four parts, covering: The Disease; Diagnosis; Prevention, Non-Operative and Operative Treatment and Prognosis. It provides a clear understanding of the disease process, be it at an individual or population level. The Editors are joined by 28 expert authors who have contributed a wealth of chapters, ranging from the role of fluorides to restoring the tooth. Careful balance between prophylaxis and surgical intervention guides the reader through the maze of treatment decisions, while the breadth of the book reflects diverse, and sometimes controversial, opinion on dental caries.

Paediatric DentistryOxford University Press

The prevalence of dental caries in primary teeth in most world countries is very high. That is strange, to say the least, ?s dental caries is a preventable disease. Why is a preventable disease so prevalent? The answer is related, among others, to socio-economic status, level of education of the mother and cultural habits of the children. What research has told us is that placing restorations is not the answer to the abundance of cavities present in these children. Dental caries is a sugar-driven biofilm-related disease that can be controlled through following a healthy life-style. Removal of dental biofilm regularly from tooth surfaces is known to reduce the prevalence of dental carious lesions. Controlling the dental biofilm is, therefore, paramount important in the fight against the development of carious lesions. This implies that removal of biofilm from within cavities can be a successful treatment in controlling carious lesion progression. Suitable cavities should be accessible, the pulp be healthy and symptomless and the biofilm should be removed daily. That requires understanding, practice, assistance from parents and support from dentists. This treatment has been researched and found having merits but more studies are needed to fully understand when and when not to apply this cavity treatment in children's primary teeth. IAU PRESS. ISTANBUL AYDIN UNIVERSITY

The Reference Manual of Pediatric Dentistry

Paediatric Dentistry

Current Concepts in Pulp Therapy for Primary and Young Permanent Teeth

Natural Oral Care in Dental Therapy

Papacarie-clinical Evaluation

This book provides information on the basic science and tissue interactions of dental lasers and documents the principal current clinical uses of lasers in every dental discipline. The applications of lasers in restorative dentistry, endodontics, dental implantology, pediatric dentistry, periodontal therapy, and soft tissue surgery are clearly described and illustrated. Information is also provided on laser-assisted multi-tissue management, covering procedures such as crown lengthening, gingival troughing, gingival recontouring, and pigmentation. The closing chapters look forward to the future of lasers in dentistry and the scope for their widespread use in everyday clinical practice. When used in addition to or instead of conventional instrumentation, lasers offer many unique patient benefits. Furthermore, research studies continue to reveal further potential clinical applications, and new laser wavelengths are being explored, developed, and delivered with highly specific power configurations to optimize laser-tissue interaction. This book will bring the reader up to date with the latest advances and will appeal to all with an interest in the application of lasers to the oral soft and/or hard tissues.

Handbook of Clinical Techniques in Pediatric Dentistry The Second Edition of the Handbook of Clinical Techniques in Pediatric Dentistry features updated and expanded information on pediatric clinical dentistry, including eight new chapters written by educators with special interest in each topic. Since publication of the first edition, non-invasive treatment is at the forefront of pediatric dental care, and the new edition reflects this, with multiple options and techniques for non-invasive treatment. The book is filled with photographs for improved understanding and guidance through the procedures described. The book is an easy-to-read guide to clinical pediatric dentistry with practical evidence-based information for dental students, assistants, hygienists, residents in both general dentistry and specialty training, and general and pediatric dentists. Handbook of Clinical Techniques in Pediatric Dentistry is a valuable resource for assuring excellence in care for our youngest patients. Key Features Presents step-by-step clinical instruction for pediatric procedures Features eight new chapters, including non-invasive clinical techniques, trauma to primary incisors, caries-risk assessment, oral pathology, interceptive orthodontics, esthetics, sleep disordered breathing, infant examination, and treating the special needs patient Offers more than 600 clinical and radiographic photographs Provides practical information and guidance for clinical practice in pediatrics

This book is a practical, comprehensive guide to the management of children and adolescents in general dental practice. A logical, evidence-based approach to oral health is adopted throughout. The commonly encountered oral and dental problems and their diagnosis and treatment are covered in detail, with particular attention to dental caries, dental trauma, developmental anomalies, periodontal problems, and soft tissue conditions. Up-to-date guidance is provided on history taking, dental examination, preventive strategies and advanced behaviour management. In addition the relevance of common medical conditions to dental management is discussed. The book is divided into four sections, each of which focusses on a specific age group, helping the reader to relate clinical issues to the different dental developmental stages. The readily understandable text is supported by many informative colour illustrations and diagrams.

This new edition is a complete guide to paediatric dentistry for undergraduate and postgraduate dental students. Divided into nineteen sections, the book begins with an introduction to the specialty, oral examination, teeth identification and numbering, imaging, and growth and development of a child's face, mouth and teeth. The next chapters discuss diet and nutrition, plaque control and fluorides, and dental caries. Dental subspecialties including endodontics, orthodontics, restorative dentistry, periodontics, and surgery, each have their own dedicated sections. The concluding chapters cover oral pathology, forensics, lasers, dental advances, and research. The fourth edition has been fully revised to provide the latest information in the field and features many new topics including zirconia crowns, revascularisation and pulp regeneration, silver diamine fluoride, general anaesthesia, and presurgical nasoalveolar moulding in the management of cleft lip and palate. Key points Complete guide to paediatric dentistry for dental students Fully revised fourth edition with many new topics Highly illustrated with more than 1000 clinical photographs, diagrams and tables Previous edition (9789351522324) published in 2014

Diagnosis, Prevention and Management

Detection, Assessment, Diagnosis and Monitoring of Caries

Contemporary Treatment Techniques in Pediatric Dentistry

Pediatric Dentistry, 6e-South Asia Edition -E-Book

Pediatric Dentistry

This book covers the complete field of oral and maxillofacial pathology - from Addison's disease to Zimmerman-Laband syndrome. The alphabetically arranged entries, each of which provides a detailed description of a specific pathological disease pattern, allow readers to quickly and easily find the information they need.

Currently there is no reason, in most cases of cavitated caries lesions, to remove affected tissue. This book presents evidence-based research on the topic and provides assessments of diagnostic devices.

It offers new insights into how a dentine carious cavity can be managed by either tissue removal or restoration. Methods for preserving dental tissue are presented and ample evidence highlights the need to seal with a quality restorative material. An update on how to conduct a randomized clinical trial is followed by a chapter on agreed upon terminology for supporting improved communication among oral health professionals around the world. This is a must-read for general practitioners, restorative specialists, dental students, and oral hygienists/therapists.

"Paediatric Dentistry combines both the theoretical and practical aspects of paediatric dentistry for the child up to age 16, from all dental specialties."--Publisher.

This book presents a step by step guide to the reader to reach the required level of excellence for the treatment of primary teeth with minimal invasive approach.this book is indeed a comprehensive ,well structured review of painless dentistry.The authors meticulous approach towards desired knowledge makes the text an excellent bet for readers.it provides readers with current updates and recent references to help learn the subject at the highest level.well laid out and student friendly text book with new concepts ,compilation and updating in a comprehensive manner.The minimal intervention technique for pediatric patients has been illustrated with step by step procedure using the latest chemomechanical caries removal agent Papacarie.the material and technique has been clinical evaluated and compared with the conventional method with the support of atleast 90 references.

Oral Health-related Quality of Life

McDonald and Avery's Dentistry for the Child and Adolescent - E-Book

Caries Management - Science and Clinical Practice

Handbook of Clinical Techniques in Pediatric Dentistry

evaluation of a new agent for chemo mechanical caries removal in primary teeth

The second edition of Dental Caries: the Disease and its Clinical Management builds on the success of the prestigious first edition to present an unrivaled resource on cariology. The clinical thrust of the first edition is widened and strengthened to include coverage of the disease in all its variety, from eruption of the first primary tooth to the prevalent forms of the disease in older patients. The centrality of caries control and management to the dental health of all populations is further emphasized, as the book goes beyond the successful treatment of carious lesions to demonstrate the long-term consequences of the non-operative and therapeutic techniques employed.

The Reference Manual of Pediatric Dentistry is intended to encourage a diverse audience to provide the highest possible level of care to children. This audience includes, but is not limited to: pediatric dentists, general dental practitioners and other dental specialists, physicians and other health care providers, government agencies and health care policy makers, individuals interested in the oral health of children.The Reference Manual of Pediatric Dentistry is divided into five sections: (1) definitions, (2) oral health policies, (3) recommendations, (4) endorsements, and (5) resources.

Combining the approaches of preventative and restorative dentistry, this is a revised and updated guide to the clinical techniques and procedures necessary for managing tooth disorders and disease. Introduces minimally invasive dentistry as a model to control dental disease and then restore the mouth to optimal form, function, and aesthetics Contains several student-friendly features, including a new layout, line drawings and clinical photographs to illustrate key concepts Covers fundamental topics, including the evolutionary biology of the human oral environment; caries management and risk assessment; remineralization; principles of cavity design; lifestyle factors; choices between restorative materials and restoration management Includes a companion website with self-assessment exercises for students and a downloadable image bank for instructors

The International Caries Detection and Assessment System (ICDAS) offers clinical criteria and codes, together with a framework to support and enable personalized comprehensive caries management for improved long-term health outcome. Based on the ICDAS, this publication provides an up-to-date synthesis of the fields of detection, assessment, diagnosis and monitoring of caries. The available evidence is reviewed, and a summary is given of the current international views on best practice of how the information collected can be collated and synthesized to inform the planning, delivery and clinical evaluation of patient-centred, comprehensive caries management. The book includes a unique glossary of key terms developed with a number of international groups and establishes new links between cariology in clinical practice, caries research, dental education and epidemiology, and dental public health. The book presents valuable information for practitioners and other dental health professionals with an interest in dental caries and its modern, evidence-based, clinical management as well as for all involved in the domains of dental public health, caries research or education.

Emerging Trends in Oral Health Sciences and Dentistry

Pediatric Dentistry - E-Book

Management of Deep Carious Lesions

Paediatric Dentistry for the General Dental Practitioner

This book provides information to the readers starting with the history of oral hygiene manners, and modern oral hygiene practices. It continues with the prevalence and etiology of caries and remedy of caries through natural sources. Etiology of secondary caries in prosthetic restorations and the relationship between orthodontic treatment and caries is addressed. An update of early childhood caries is presented. The use of visual-tactile method, radiography and fluorescence in caries detection is given. The book finishes with methods used for the prevention of white spot lesions and management of caries.

Provide superior oral and dental care to children of all ages! Pediatric Dentistry: Infancy through Adolescence, 6th Edition provides comprehensive coverage of oral care for infants, children, teenagers, and medically compromised pediatric patients. Organized by age group, the text covers examination, diagnosis, and treatment planning, as well as topics such as the prevention of dental disease, traumatic injuries, orthodontics, and restorative dentistry. UNIQUE! Age-specific organization separates sections and chapters by age group to cover specific changes the child experiences physically, cognitively, emotionally, and socially. Fundamentals of Pediatric Dentistry section covers basic information on children of all ages, including topics such as local and systemic diseases, pediatric physiology, cariology, pain control, and medical emergencies. Coverage of current trends and challenges emphasizes the prevention of dental diseases and reflects pediatric dentistry as it is practiced today. UPDATED coverage of caries risk assessment in children reflects the evolution of evidence-based oral health care. More than 1,000 full-color photos and illustrations show dental conditions and treatments. NEW chapters cover cariology, pain control, and cleft lip and palate; other updates include infant oral health, pit and fissure sealants, regenerative endodontics, and the risk factors surrounding the transition from adolescence to adulthood. NEW! Greater diversity of contributors includes expert perspectives from all over the world.

Because of increasing antibiotic resistance, stronger antibiotics are reserved for serious active infection, paving the way for a greater use of herbal antibiotics. This book helps dentists in implementing safe and effective natural medicine therapies to complement the current practice guidelines. Oral diseases continue to be a major health problem world-wide. Oral health is integral to general well-being and relates to the quality-of-life that extends beyond the functions of the craniofacial complex. The standard Western medicine has had only limited success in the prevention of periodontal disease and in the treatment of a variety of oral diseases. The dentist needs to be more informed regarding the use, safety and effectiveness of the various traditional medicines and over-the-counter products. Herbal extracts have been used in dentistry for reducing inflammation, as antimicrobial plaque agents, for preventing release of histamine and as antiseptics, antioxidants, antimicrobials, antifungals, antibacterials, antivirals and analgesics. They also aid in healing and are effective in controlling microbial plaque in gingivitis and periodontitis and thereby improving immunity. The 26 chapters in this unique book explore all the measures to utilize the natural oral care obtained from plants, animals and mineral drugs for dental care.

Teeth are important to children, particularly primary teeth. What can be done in the dental surgery to prevent disease? Moreover, the anatomy of primary teeth results in pulpal change faster. Fortunately, restorative techniques are simpler. This book unravels the modern theories of cariology and provides simple step-by-step guides to restoration.

Essentials of Dental Caries

Infancy through Adolescence

Tissue Preservation in Caries Treatment

Caries Removal Techniques in Primary Teeth

Handbook of Pediatric Dentistry E-Book

To compare the efficacy of caries removal, time taken and to evaluate the pain threshold experienced by the patient during various caries removal methods. Eighty patients between the age groups of 5-9 years were selected and caries removal was done by Hand instruments, Airotor, Carisolv and Papacarie. The efficacy, time taken and the pain threshold was evaluated during the caries removal by Ericson D et al scale, visual analogue scale respectively. Highly significant relation (

Emerging Trends in Oral Health Sciences and Dentistry is the second book on Oral Health Science. The first book is Oral Health Care-Pediatric, Research, Epidemiology and clinical Practices and Oral Health Care-Prosthodontics, Periodontology, Biology, Research and systemic Conditions published in February 2012. The present book is a reflection of the progress in Oral Health Sciences, practices and dentistry indicating the direction in which this stream of knowledge and education is likely to head forward. The book covers areas of General Dentistry, Paediatric and Preventive Dentistry, Geriatric and Prosthodontics, Orthodontics, Periodontology, Conservative Dentistry and Radiology and Oral Medicine.

Covering the science behind the diseasea comprehensive approach to modern caries management This systematic approach to modern caries management combines new, evidence-based treatment techniques with the scientific underpinnings of caries formationproviding an in-depth review for both clinicians in daily practice and students advancing in the field. Beginning with patho-anatomic changes in the dental hard tissues, Dental Caries: Science and Clinical Practice goes on to cover non-invasive, minimally invasive, and more aggressive interventions based on each stage of the disease. From microbiology and histology to visual, tactile and radiographic diagnosis, risk assessment, preventive measures, and tooth preservation and treatment strategies, the book is packed with valuable clinical information for all dental practitioners. Key Features: Succinctly covers the science behind the disease, with recommendations for treatments based on assessment starting at the microscopic level Written by a team of leading worldwide authorities on caries treatment and managementand utilizing the International Caries Detection and Assessment System (ICDAS) standard throughout Covers the newest treatment techniques, including adhesion technology, fissure sealing and infiltration, caries removal, tooth-colored restorations, and more Demonstrates step-by-step caries procedures in striking, full-color illustrations of adult and pediatric cases Offers the newest thinking on early prevention and behavioral changes in oral health promotion, including the role of diet and nutrition, biofilm management, fluoride use, population-based approaches, and more Shifting to the new paradigm of heal and seal rather than the more invasive drill and fill, this beautifully illustrated text puts scientific principles into clinical action for the best results. It is an essential resource for a complete, proactive approach to caries detection, assessment, treatment, management, and prevention in contemporary dental practice.

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.

In Vitro Effect of Chemo-mechanical Caries Removal on Bond-strength and Microleakage of Restorative Materials in Primary Teeth

Chemomechanical Vs. Traditional Caries Removal in Children

Dental and Oral Pathology

Paediatric Cariology

Dental Caries

This textbook provides dental practitioners and students with all the knowledge required in order to treat optimally the oral conditions encountered in children and adolescents and to offer appropriate guidance on subsequent oral health self-care. The opening chapters are designed to assist readers in providing empathic care on the basis of a sound understanding of the processes of physical and psychological maturation. The use of sedation and anesthesia is then discussed, followed by detailed information on such key topics as tooth eruption and shedding, preventive and interceptive orthodontics, and control of dental caries. Restoration procedures and pulp treatment necessitated by dental caries, trauma and/or developmental anomalies are clearly described, with reference to relevant advances in dental technology and materials. Subsequent chapters focus on conditions compromising dental or general oral health in the pediatric age group, such as periodontal diseases, dental wear, dental anomalies, TMJ disorders, and soft tissue lesions. The book concludes by examining treatment approaches in children and adolescents with disabilities, syndromes, chronic diseases, craniofacial abnormalities, and generally advocating children centered dentistry as it affects their quality of life. This book describes the challenges that deep carious lesions pose for dental practitioners, including the risk of endodontic complications and the difficulty of restorative treatment, and identifies options for overcoming these challenges on the basis of the best available evidence. The opening chapter sets the scene by discussing pathophysiology, histopathology, clinical symptomatology, and treatment thresholds. The various treatment options are then systematically presented and reviewed, covering non-selective, stepwise, and selective carious tissue removal and restoration, sealing of lesions using resin sealants or crowns, and non-restorative management approaches. In each case the current evidence with respect to the treatment is carefully evaluated. Advantages and disadvantages are explained and recommendations made on when to use the treatment in question. Illustrative clinical cases and treatment pathways for clinicians are included. This book will be of value for all practitioners who treat dental caries and carious lesions, whether in the permanent or the primary dentition. It will also be of interest to under- and postgraduate students in cariology and restorative, operative, preventive, and pediatric dentistry.

Pediatric Dentistry: A Clinical Approach, Third Edition provides a uniquely clear, comprehensive, and clinical approach to the dental treatment of children and adolescents. Offers systematic coverage of all clinical, scientific and social topics relating to pediatric dentistry Thoroughly revised and updated new edition, with an increased focus on evidence based care Includes three new chapters on genetics, child abuse and neglected children, and ethics Pedodontic endodontics is now covered by two chapters - one on primary teeth and one on young permanent teeth Features a companion website with interactive self-assessment questions

Pediatric Endodontics

Aydin Dental

The Disease and Its Clinical Management

Chemomechanical Removal of Caries in Primary Teeth

Lasers in Dentistry—Current Concepts