

The Prevention And Management Of Dental Caries In Children Dental Clinical Guidance

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Promoting Oral Health in Early Childhood: The Role of the Family, Community and Health System in Developing Strategies for Prevention and Management of ECC Rahul Siram Naidu 2021-09-28

Dental Caries Zhou Xuedong 2015-10-20 This book is a well-illustrated and comprehensive guide to the etiology, clinical manifestations, diagnosis, clinical management and prevention of dental caries. Current challenging problems in the field are analyzed and the latest research findings, presented. After an introductory chapter on tooth development, the relationships of biofilm and saliva to dental caries and the significance of the balance between demineralization and remineralization for the development of carious lesions are discussed. Subsequent chapters address the state of the art in diagnosis and treatment, the implications of disease burden for prevention and the association between systemic diseases and dental caries. **Dental Caries: Principles and Management** is intended for dental school students, practicing dentists and researchers in dentistry.

Dental Caries Efka Zabokova Bilbilova 2021-05-05 Dental caries are of vital concern to all dentists. Their management is central to daily work in dental offices because cavities are ubiquitous in all populations, lesion development is lifelong, and caries are the most common cause of tooth loss. This book provides information on the etiology, prevention, and treatment of tooth decay. Chapters cover such topics as dental biofilms, dietary factors, the association of Candida with early colonization of cariogenic microorganisms, oral diseases, the use of fluoride, and dental caries in disabled children. The information presented herein is useful for dental students as well as researchers and dental practitioners.

Diagnosis and Management of Dental Caries Throughout Life 2001

Dental Caries - Diagnosis, Prevention and Management Zühre Akarslan 2018 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.

Early Childhood Oral Health Joel H. Berg 2015-08-06 Dental caries has been called a "silent epidemic" and is the most prevalent chronic disease affecting children. Though much has been written on the science and practice of managing this disease, publications are diverse in their loci, preventing easy access to the reader. Early Childhood Oral Health coalesces all the important information related to this topic in a comprehensive reference for students, academics, and practitioners. This second edition expands the scope of the first and puts an additional focus on interprofessional and global efforts that are necessary to manage the growing disease crisis and screening and risk assessment efforts that have expanded with the boom of new technologies. With updated references and incorporating the latest research, chapters address the biology and epidemiology of caries, the clinical management of early childhood caries, risk assessment, and early diagnosis. Other topics include public health approaches to managing caries worldwide, implementation of new caries prevention programs, fluoride regimens, and community programs, and family oral health education. Brand new are four chapters on the medical management of early childhood caries, considerations for children with special needs, interprofessional education and practice, and how the newest policy issues and the Affordable Care Act affect dental care. A must-read for pediatric dentists, cariologists, public health dentists, and students in these fields, Early Childhood Oral Health is also relevant for pediatricians and pediatric nursing specialists worldwide.

Detection, Assessment, Diagnosis and Monitoring of Caries Nigel Pitts 2009-01-01

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.

Pediatric Dentistry Goran Koch 2016-10-19 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

Advice on the management of the Teeth: with practical observations on Caries, and hints for its prevention and cure Richard WHITE (Surgeon Dentist, Norwich.) 1844

Diagnosis and Management of Dental Caries Martha Glock 2001 Citations include changes during past decades in the prevalence, distribution, and progression of dental caries have implications for diagnosis, treatment, prediction of risk, and prevention in individuals or populations. Traditional approaches for treating carious lesions in a surgical manner are being replaced by newer strategies that emphasize disease prevention and conservation. Citations for this bibliography were gathered from journal articles and conference papers written primarily in English and including both human and animal studies.

Innovations in Preventive Dentistry Christian Splieth 2021-07-01 Prevention is better than healing ... or treatment. Thus, preventive dentistry is a cross-sectional challenge for all fields in dentistry, and one that has already achieved great success, as shown by the caries decline in many countries. The walls between prevention and treatment have recently fallen in caries and periodontal disease, as well as in orthodontics, where guidance of function and space maintenance are a combination of prevention and treatment. This book discusses new developments and innovations in preventive dentistry, from primary "real" prevention to secondary prevention by inactivating initial lesions, and on to tertiary prevention to avoid subsequent progression and complications of manifest oral disease. This evidence base is then translated into clinical dental practice. The book addresses everyone interested or involved in dentistry, including students, the whole dental practice team, educators, health scientists, and policy makers, who want to gain insight into these up-to-date clinical practices and future developments. It intends to make an impact on teaching and all fields of clinical dentistry - not by giving cookbook recipes, but by pointing out the rationale behind the changes in our routines. Presented by an international group of recognized specialists in their fields, the topics include the new understanding and management of caries and periodontal disease, prevention of orthodontic problems, diagnostic approaches, the role of diet and according recommendations for oral health, routes to better

oral hygiene, changes in oral disease patterns and their consequences, non- and minimally invasive caries treatment, current fluoride guidelines including the use of silver fluorides, risk management, a common risk-factor approach, facilitating behavior changes, sealants, and probiotics. This broad spectrum is elucidated for the most relevant dental problems from early childhood to seniors to implement preventively oriented dental practice.

Dental Caries 2018-09-19 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.

Translating Current Evidence Into Practice in Paediatric Dentistry with Clinical Practice Guidelines Hiu-Man Gillian Lee 2017-01-26 This dissertation, "Translating Current Evidence Into Practice in Paediatric Dentistry With Clinical Practice Guidelines" by Hiu-man, Gillian, Lee, [?] was obtained from The University of Hong Kong (Pokfulam, Hong Kong) and is being sold pursuant to Creative Commons: Attribution 3.0 Hong Kong License. The content of this dissertation has not been altered in any way. We have altered the formatting in order to facilitate the ease of printing and reading of the dissertation. All rights not granted by the above license are retained by the author. Abstract: A review of available oral epidemiological studies among children in Hong Kong was conducted to evaluate trends in their oral health status. Since the 1960s, a decline in the prevalence and extent of dental caries experience was observed among school children and adolescents. However, among pre-school children, dental caries experience remains common and it appears that the extent of dental caries has increased. Over 90% of the dental caries experience among pre-school children is untreated. This high unmet treatment need suggests barriers to access of appropriate oral health care and this urgently warrants consideration. A random sample of 476 (25% of all) general dental practitioners (GDPs) and all 28 paediatric dentists (PDs) were recruited to participate in a survey in Hong Kong. Beliefs and attitudes towards providing care to pre-school children were determined using the Barriers to Childhood Caries Treatment (BaCCT) measure. In addition, dentists' treatment preferences for caries of different severities were determined. The response rate was 61.5% (310/504). There was a significant difference in BaCCT scores between GDPs and PDs (PIn collaboration with the Hong Kong Society of Paediatric Dentistry (HKSPD), clinical guidelines for 'Dental caries prevention and management by caries risk assessment for pre-school children in Hong Kong' were developed using the ADAPTE process and the Delphi consensus technique. The draft guidelines were reviewed by 36 members of HKSPD with a response rate of 52.9% (36/68). Seventy out of 91 draft recommendations were retained where there was consensus among members. The HKSPD adopted the guidelines. At a teaching hospital, the feasibility of implementing the guidelines and the effectiveness in changing clinical practice was determined over a 6-month period. Clinical records of preschool children treated at the hospital over a 3-month period prior to implementing the guidelines were reviewed (N = 237). The guidelines were implemented over a one month period and clinical records for the following 3-month period were reviewed (N = 147). There was a significant increase in mean guideline adherence scores from \bar{x} = 14.86 (SD = 6.11) to \bar{x} = 28.88 (SD = 8.75), PSubjects: Pedodontics

Dental Caries: New Insights for the Healthcare Professional: 2011 Edition

2012-01-09 Dental Caries: New Insights for the Healthcare Professional: 2011 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Dental Caries in a compact format. The editors have built Dental Caries: New Insights for the Healthcare Professional: 2011 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Dental Caries in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Dental Caries: New Insights for the Healthcare Professional: 2011 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Recent Advances in Caries Prevention and Immunization Gazal Bagri 2014-02-25

Dental caries is the most prevalent chronic disease affecting the human race. It is said that once it occurs, the scar persists throughout life even though lesion is treated. Traditional management of a caries lesion primarily was focused on operative treatment. The last two decades have seen a growing insight about the process of lesion development and its casual and continual factors. The uneven distribution of carious lesions has prompted calls for attention to the provision of caries prevention procedures appropriate to each individual's current disease burden, and risk for development of future lesions. Application of specific preventive treatment protocols is a concept for which there has been increasing support within the dental profession. Thus, in the quest for providing optimal dental care, the age old maxim of 'prevention is better than cure' holds true. **Paediatric Dentistry at a Glance** Monty Duggal 2012-09-05 Paediatric Dentistry at a Glance is the new title in the highly popular at a Glance series. It provides a concise and accessible introduction and revision aid, comprehensively covering all the constituent sub-topics that comprise paediatric dentistry. Following the familiar, easy-to-use at a Glance format, each topic is presented as a double-page spread with facts accompanied by clear diagrams and clinical photographs encapsulating essential knowledge. Structured over 7 sections, Paediatric Dentistry at a Glance covers: · Physical assessment and treatment planning · Prevention and management of dental caries · Traumatic Injuries · Management of children with special health care needs · Paediatric oral medicine and Pathology · Dental and oro-facial anomalies Paediatric Dentistry at a Glance draws together clinical and scientific elements to provide a comprehensive review of comprehensive oral health care for infants and children through adolescence. It is an ideal companion for all students of dentistry, junior clinicians and members of the dental team with an interest in paediatric dentistry.

Pathophysiology of Dental Caries Saini Roseka 2012 Although effective methods are known for prevention & management of dental caries, it is a major problem affecting mankind, in that its manifestations persist throughout life despite treatment .There are practically no geographic areas in the world whose inhabitants do not exhibit some evidence of dental caries. It effects the persons of both genders in all socio-economic strata & every age group. Subjects who never develop carious lesions are designated caries-free & no satisfactory explanation is given. Many investigators have studied various aspects of dental caries for century. Despite this, many aspects of etiology & pathophysiology of caries are still obscure & efforts at prevention have only been partially successful.

Minimally Invasive Dentistry Nairn H. F. Wilson 2007-01-01 Stemming from memorable ConsEuro conferences held in Munich in 2003 and Rome in 2006, this book is for those practitioners and students who wish to understand better the concept of minimally invasive dentistry and, in particular, the essence of minimally interventional management of dental caries.

Index Medicus 2002

Manual of Dietetic Practice Joan Gandy 2019-06-13 The authoritative guide for

dietetic students and both new and experienced dietitians - endorsed by the British Dietetic Association Now in its sixth edition, the bestselling Manual of Dietetic Practice has been thoroughly revised and updated to include the most recent developments and research on the topic. Published on behalf of the British Dietetic Association, this comprehensive resource covers the entire dietetics curriculum, and is an ideal reference text for healthcare professionals to develop their expertise and specialist skills in the realm of dietetic practice. This important guide includes: The latest developments and scientific evidence in the field New data on nutrition and health surveillance programs Revised and updated evidence-based guidelines for dietetic practice An exploration of how Public Health England has influenced the field Practical advice on public health interventions and monitoring A companion website with helpful materials to support and develop learning Written for dietitians, clinical nutritionists, and other healthcare professionals by leading dietitians and other professionals, the Manual of Dietetic Practice continues to provide a crucial resource for experts and novices alike.

Essentials of Dental Caries: The Disease and Its Management, 3rd Ed. Edwina Kidd 2005-05-05 The new edition of this popular, clinically relevant book provides the biological background required by dentistry students in order to take the science of cariology to the chairside in the management of patients.

Essentials of Dental Caries Edwina A. M. Kidd 1997 The book, which is clearly written and illustrated in colour, describes the causes of dental caries ("dental decay") and its progression through the tooth. Its emphasis is on prevention as well as early diagnosis so that decay can be arrested in its early stages. It covers methods of prevention from both a scientific and practical point of view so that it is relevant to the dental undergraduate as well as dental nurses, dental health education, hygienists and therapists.

Dental Caries: New Insights for the Healthcare Professional: 2012 Edition

2012-12-10 Dental Caries: New Insights for the Healthcare Professional / 2012 Edition is a ScholarlyPaper™ that delivers timely, authoritative, and intensively focused information about Dental Caries in a compact format. The editors have built Dental Caries: New Insights for the Healthcare Professional / 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Dental Caries in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Dental Caries: New Insights for the Healthcare Professional / 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Manual of Clinical Procedures in Dentistry Nairn Wilson 2018-02-20 A definitive manual covering everything you need to know about the core procedures in dentistry The Manual of Clinical Procedures in Dentistry comprehensively explains the core procedures in dentistry, how to do them, and the rationale that underpins them. Full of useful and easy-to-access information, it acts as a compendium of practical procedures in primary dental care, supporting students and dental practitioners in their daily professional and academic lives. This manual is a complete, practical guide to the delivery of effective, state of the art oral healthcare—the 'what, when, and how' of clinical practice. It includes chapters written by expert clinicians on topics such as dental imaging, the management of dental pain, conscious sedation, operative dentistry, implant dentistry, oral medicine and surgery, paediatric dentistry, periodontics, prosthodontics, special care dentistry, dental trauma, aesthetic dentistry, and much more. Provides step-by-step guidance on procedures in primary dental care Comprehensive coverage of all dental disciplines, from endodontics to orthodontics Compiled by two highly experienced editors with contributions from expert authors Covers essential non-clinical areas, such as communicating with patients, obtaining valid consent, audit procedures, and handling of complaints The Manual of Clinical Procedures in Dentistry is an invaluable text for dental students and new graduates, as well as a definitive guide for the whole dental team.

Evidence-Based Caries Prevention Ece Eden 2016-09-29 This book aims to define the etiological factors in dental caries and to guide the clinician towards methods of caries prevention that are evidence based. The coverage includes discussion of the active role of the biofilm and the oral environment and emphasizes the multifactorial etiology of dental caries. The opening chapters describe the early detection and diagnosis of dental caries, highlight the value of caries risk assessment to the patient, and explain the dynamic process of the demineralization-remineralization cycle. Information is presented on the action of fluoride, and the evidence relating to the use and effectiveness of remineralization agents and biomimetic materials is reviewed. Additionally, the effects of antimicrobials such as chlorhexidine and ozone are summarized. Further chapters focus on dietary counseling (with information on sweeteners and probiotics), the effectiveness of sealants in caries prevention, and resin infiltration. The philosophy of prophylaxis and ways to improve patient compliance and achieve proper mechanical plaque removal are discussed. The book is concluded with a chapter discussing preventive actions in representative cases.

Caries Management - Science and Clinical Practice Hendrik Meyer-Lueckel 2013-03-20 Covering the science behind the disease a 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 formation providing 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 management and 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.

Darby and Walsh Dental Hygiene E-Book Jennifer A Pieren 2019-03-04 Back and better than ever, Darby and Walsh's Dental Hygiene: Theory and Practice, 5th Edition offers everything you need to succeed in your coursework, at certification, and in clinical practice. No other dental hygiene text incorporates the clinical skills, theory, and evidence-based practice in such an approachable way. All discussions - from foundational concepts to diagnosis to pain management - are presented within the context of a unique patient-centered model that takes the entire person into consideration. New to this fifth edition is a much more streamlined approach - one that stays focused on need-to-know information, yet also houses expanded content on things like alternative practice settings, pediatric care, risk assessment, and dental hygiene diagnosis to give you added context when needed. This edition is

also filled with new modern illustrations and new clinical photos to augment your learning. If you want a better grasp of all the dental hygienist's roles and responsibilities in today's practice, they Darby and Walsh's renowned text is a must-have. Focus on research and evidence-base practice provide proven findings and practical applications for topics of interest in modern dental hygiene care. Step-by-step procedure boxes with accompanying illustrations, clinical photos, and rationales outline the equipment required and the steps involved in performing key procedures. Critical thinking exercises, cases, and scenarios help hone your application and problem-solving skills. Feature boxes highlight patient education, law, ethics, and safety. UNIQUE! Discussions of theory provide a solid foundation for practice. Key terms are called out within chapters and defined in glossary with cross-references to chapters. Practice quizzes enable you to self-assess your understanding. NEW! Streamlined approach focuses on the information you need to know along with the practical applications. NEW! Added content covers alternative practice settings, new infection control guidelines, pediatric care, risk assessment, dental hygiene diagnosis, the electronic health record (EHR), and more. NEW! Modern illustrations and updated clinical photos give you a better picture of how to perform essential skills and utilize clinical technology. NEW! Online procedures videos guide you step-by-step through core clinical skills. NEW! Editorial team brings a fresh perspective and more than 30 years of experience in dental hygiene education, practice, and research.

Burt and Eklund's Dentistry, Dental Practice, and the Community - E-Book Amer Assoc of Public Health Dentistry 2020-03-22 Learn about the challenges, current trends, and the positive role that you can play in improving the dental health of the community. Completely revised and updated by members of the American Association of Public Health Dentistry, Burt and Eklund's Dentistry, Dental Practice, and the Community, 7th Edition presents dentistry and dental practice against the ever-changing backdrop of economic, technological, and demographic trends, as well as the distribution of the oral diseases that dental professionals treat and prevent. Readers will learn the latest techniques of research and measurement, and how oral disease may be limited through control and prevention. This updated text also addresses the new educational competencies for predoctoral/post-doctoral dental students and dental hygiene students with updated and new content on cultural competency, oral health literacy, social responsibility, motivational interviewing, and oral systemic associations. All in all, this text takes a comprehensive look at the social context of dental care and the difference you can make in improving the health of the community you serve. Logical four-part organization divides content into dentistry and the community; dental care delivery; methods and measurement of oral diseases and conditions; and health promotion and prevention of oral diseases. A focus on need-to-know content emphasizes the important core information while providing comprehensive coverage of dental public health. Comprehensive analysis of dentistry's social and professional role examines issues such as epidemiology of oral diseases, prevention, and the provision of care. Evidence-based recommendations reflect the latest literature on today's public health issues. Illustrations, tables, and graphics illustrate the key material and visually enhance discussions. NEW! Completely revised and updated content looks at populations oral health and dental care as well as how it fits into a changing world. NEW! Coverage of new educational competencies provides predoctoral/post-doctoral dental students and dental hygiene students with updated and new content on cultural competency, oral health literacy, social responsibility, motivational interviewing, and oral systemic associations. NEW! New chapters cover the applications of epidemiology and biostatistics in dental public health, oral health as it related to quality of life, oral health education, health literacy, social determinants of health and health disparities, and delivery of oral healthcare in Canada. NEW! Newly revised competencies for the Dental Public Health specialty are incorporated throughout the book.

Diagnosis and Management of Dental Caries 2001

Country Profile of the Epidemiology and Clinical Management of Early Childhood Caries Morenike Oluwatoyin Folayan 2020-07-29

A Practical Guide to the Management of the Teeth Levi Spear Parmly 1818

Current Bibliography of Epidemiology 1972

Prevention and Management of Dental Caries in Children Scottish Dental Clinical Effectiveness Programme 2010

Diagnosis and Management of Dental Caries 2000

Diagnosis and Management of Dental Caries Martha Glock 2001

Prevention and Management of Dental Caries in Children Scottish Dental Clinical Effectiveness Programme 2010

Dental Caries Ole Fejerskov 2015-05-26 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.

Probiotic Bacterial Strain for Dental Caries Prevention Osman Shakir 2014-01

Although the prevalence of dental caries in children has declined markedly over the last two decades in most countries, the disease continues to be a major problem for both children and adults everywhere. In recent year's management of dental caries moved toward an antibiotic/antimicrobial model of disease prevention. This approach, however, raises serious questions: Firstly, do the antibiotic/antimicrobial agents (chlorhexidine, povidone-iodine, fluoride, etc.) kill all offending organisms? Secondly, if so, do the agents preclude the re-entry of the same organisms from external sources? And finally, if the agents do kill all the offending organisms, do any remaining pathogenic organisms have selective advantage in repopulating the tooth surfaces? To overcome the problems inherent in an antibiotic/antimicrobial approach, recently in dentistry bacterial interference with Probiotics to support the stability and diversity of oral biofilms has gained interest.

Caries Management, An Issue of Dental Clinics of North America Sandra Guzmán-Armstrong 2019-08-30

This issue of Dental Clinics of North America focuses on Caries Management and is edited by Drs. Sandra Guzmán-Armstrong, Margherita Fontana, Marcelle Matos Nascimento and Andrea G. Ferreira Zandona. Articles will include: Non-Surgical management of cavitated and non-cavitated lesions; Approaches to modulate biofilm ecology; Dietary implications in dental caries: A practical approach on nutritional counseling; Motivational communication in the dental practice: On the road to preventing oral disease; Personalized dental caries management in adults; Personalized dental caries management in geriatric and special needs populations; Clinical decision making in the management of dental caries; Surgical management of caries lesions: Selective removal of carious tissues; The interprofessional role in dental caries management: Perspectives from a nurse, physician, and social worker; Third party perspective of dental caries management; Less is more? The long-term health and cost consequences emanating from minimal invasive caries management; Performance of adhesives and restorative materials after selective removal of carious lesions: Restorative materials with anti-caries properties; Personalized dental caries management in children; and more!

Prevention and Management of Dental Caries in Children 2018