Nutrition and Oral Medicine

Covering the science behind the disease, this 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.

Dental Trauma at a Glance

The first edition of this classic text appeared in 1976 with the aim of refining and standardising the advice given to the public and to ensure that such advice was scientifically sound and evidence-based. It was written not only for members of the dental professions and those involved in general healthcare, including medical practitioners, school nurses, health visitors, midwives, dieticians, pharmacists, and public health practitioners, but also those who influence health in the wider community, such as teachers, child carers, and peer educators. While originally written for a UK readership, it became clear that it was used in other countries and that a new international edition was needed. To ensure that this new edition would reflect a consensus of international expert opinion and be relevant to a much broader readership, a panel of eminent experts was enlisted from as far afield as Japan, Singapore, Denmark, Switzerland, and the USA. The text is consistent with current evidence and guidance from the WHO and includes comparable guidance from other countries and systematic reviews of research evidence from the Cochrane Collaboration database. It provides information and advice on the main aspects of oral health, including the cause and prevention of dental caries, periodontal disease, dental erosion, oral cancer and dental problems in children under five, and older people. Throughout the book, key points are given at the beginning of each chapter, with an indication of the strength of supporting scientific evidence using a simple scheme.

Caries Management: Science and Clinical Practice

A step-by-step guide to practical care planning and management of a wide variety of clinical case scenarios encountered in the primary and secondary dental care setting. Covering all the core aspects of oral health care delivery, Clinical Problem Solving in Dentistry: 4th edition is a great value resource useful to all general dental practitioners and dental therapists, both qualified and in training, undergraduates, or postgraduates alike. Explores care planning and treatment alternatives and evaluates their advantages and disadvantages as well as medicolegal implications. Integrates material from all the dental disciplines in order to cover an extensive range of clinical problems which will be encountered in daily practice. A practical approach to learning - includes a large number of real-life clinical cases including those relevant to new techniques and issues such as implantology, use of CAD-CAM, CBCT (cone beam computed tomography). Designed to help the reader use the knowledge gained in a clinically useful, practically applied format. Highly visual guide with more than 350 colour illustrations, artwork and tables presenting clinical, diagnostic and practical information in an easy-to-follow structure.
Erosive Tooth Wear Diagnosis: Risk Factors And Prevention


Dental Trauma at a Glance The market leading at a Glance series is popular among students and newly qualified practitioners for its concise and simple approach and excellent illustrations. Each bite-sized chapter is covered in a double-page spread with clear, easy-to-follow diagrams, supported by succinct explanatory text. Covering a wide range of topics, books in the at a Glance series will be ideal as introductory texts for teaching, learning and revision and are useful throughout university and beyond. Everything you need to know about Dental Trauma … at a Glance! Written in a short and concise manner, Dental Trauma at a Glance is a practical reference that contains essential information on the safe and effective clinical management of acute adult dental trauma injuries. The book addresses the numerous types of adult dental injuries and contains guidance on how the correct identification and treatment of these injuries can be time sensitive. Filled with helpful illustrations and photographs, the text is formatted in a step-by-step manner for the reader to arrive at the correct diagnosis and the most up-to-date management for safe and optimum patient care. Provides the most contemporary must-have information for the clinical management of acute adult dental trauma its format is quick and easy to use. It offers a highly illustrated text with quality clinical photographs to aid with learning and revision. Provides an understanding of traumatic adult dental injuries, their healing and an insight into their longer-term sequelae. A new addition to the popular at a Glance series, Dental Trauma at a Glance is an indispensable hands-on guide for dental students and general dental practitioners. Accompanied by a companion website at www.wiley.com/go/alani/dental_trauma featuring multiple-choice questions to aid learning. All figures from the book are downloadable PowerPoint slides.

Diseases and Conditions in Dentistry

Tooth wear has implications for the aesthetics, function and longevity of the primary and secondary dentitions, while dentine hypersensitivity is a painful condition of the permanent dentition, which affects oral comfort and function. The consequences of tooth wear and sensitivity are potentially enormous, not least in financial terms to the profession, health services and patients. This comprehensive book is divided into three sections: tooth structure, tooth wear and dentine hypersensitivity. Tooth Wear and Sensitivity forms a basis from which to understand tooth wear and dentine hypersensitivity, whereby effective management protocols can be designed and more importantly, preventive strategies can be developed.

Dentifrice Abrasivity

New to the Practical Procedures in series, Practical Procedures in the Management of Tooth Wear demonstrates a wide range of up to date clinical techniques in the practical management of tooth wear. Presented in an accessible and user-friendly format, the book summarises the key points of each procedure, complete with clinical photographs. Chapters outline the principles and procedures for each technique, offer clinical tips and advice, and include full references. Topics include patient assessment and diagnosis, treatment planning for localised and generalised tooth wear, the partially dentate patient, tooth wear monitoring, management, and maintenance. Created by an internationally-recognised team with both clinical and academic expertise, this valuable resource presents comprehensive, evidence-based coverage of the management of tooth wear. Examines the epidemiology and etiology of tooth wear. Covers practical aspects such as record taking, aesthetic evaluation, prevention, clinical occlusion and active monitoring. Includes access to high-quality instructional videos to further supplement the text. Practical Procedures in the Management of Tooth Wear is a unique source of information for general dental practitioners, senior endodontists, and postgraduates preparing for higher qualifications and training.

A Review on Dental Materials

A step-by-step guide to practical care planning and management of a wide variety of clinical case scenarios encountered in the primary and secondary dental care setting. Covering all the key aspects of oral health care delivery, Clinical Problem Solving in Dentistry 4th edition is a great value resource useful to all general dental practitioners and dental therapists, both qualified and in training, undergraduates or postgraduates alike. Explores care planning and treatment alternatives and evaluates their advantages and disadvantages as well as medicolegal implications. Integrates material from all the dental disciplines in order to cover an extensive range of clinical problems which will be encountered in daily practice. A practical approach to learning - includes a large number of real-life clinical cases including those relevant to new techniques and issues such as implantology, use of CAD-CAM, CBCT (cone beam computed tomography). Designed to help the reader use the knowledge gained in a clinically useful, practically applied format. Highly visual guide with more than 350 colour illustrations, artwork and tables presenting clinical, diagnostic and practical information in an easy-to-follow structure.

Practical Procedures in the Management of Tooth Wear

Tooth Surface Loss

Human Teeth

Erosive tooth wear is a multifactorial condition of growing concern to the clinician and is a subject of extensive research. This book is the first which deals in such detail with dental erosion. It presents the whole spectrum of views on the issue, from the molecular level to behavioral aspects, as well as trends in society. The multifactorial etiological pattern of erosive tooth wear is emphasized and is a strand connecting the different chapters of the book. Definition, diagnosis, prevalence, incidence and chemistry of dental erosion are discussed in the first part of the publication. Further, topics like extrinsic and intrinsic causes of dental erosion are covered and a chapter is devoted to dental erosion in children. Methods of assessment are presented and critically evaluated. The book concludes with themes on dentinal hypersensitivity, risk
assess and preventive measures and restorative options for erosive lesions. This publication is not only highly recommended to faculty members, researchers and dental students, but also to practitioners and other dental professionals who are committed to the prevention and treatment of dental erosion.

**Dry Mouth, The Malevolent Symptom**

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.

**Successful Preventive Dental Practices**

This book discusses the current biomaterials used for dental applications and the basic sciences underpinning their application. The most critical structures in the oral cavity are the teeth, which play a central role in speaking, biting, chewing, tasting and swallowing. Teeth consist of three types of tissue: the cementum, enamel and dentin, with bone and gingival tissues serving as supporting structures. Caries, tooth wear, trauma and mechanical defects can lead to severe facial conditions; however, correcting these defects remains a challenge for scientists and dentists. Presenting insights from a broad range of disciplines, including materials science, biology, physiology and clinical science, this book provides a timely review of the principles, processing and application of dental materials.

**Modern Endodontics**

Most oral diseases are preventable, yet they remain the most globally common noncommunicable disorders, affecting people throughout their lifetime. Lifestyle, including diet and food choice, is central to the occurrence of oral disease. Nutrition and diet can impact the development and status of the oral cavity as well as the progression of illness. Also, poor oral health can influence the ability to eat, and consequently, to maintain an adequate diet and nutrient balance. This book, consisting of 14 chapters, provides current information on the impact of nutrients (macro- and micro-elements and vitamins) and diet on oral health and vice versa (i.e., the impact of oral health on diet/nutrition). It also reviews possible oral health effects of probiotics as well as relationships between genotype and diet, which are important for determining oral disease risk. This book is a helpful resource for under- and postgraduate students. It will also be useful to dentists and nutritionists/dietitians as they integrate nutrition education into medical practice.

**Dental Erosion**

A fully illustrated, concise and accessible introduction to the study of dentistry. Central title in the At a Glance series for dentistry students. Covers the entire undergraduate clinical dentistry curriculum. Topics presented as clear double-page spreads in the recognizable At a Glance style. Contributions from leading figures across the field of dentistry. Companion website with self-assessment MCQs and further reading.

**Dental Caries**

This book is a wide-ranging guide to risk assessment and risk-based prevention in oral health and dentistry. Readers will find clear explanations of the principles, models, and tools of risk assessment, as well as practical information on risk assessment in relation to periodontal disease, caries, tooth wear, and oral cancer. The lessons that the oral healthcare profession can learn from experiences regarding risk assessment in primary medical care practice, particularly in cardiovascular and diabetes medicine, are highlighted. The closing section focuses specifically on implementation of risk assessment within the dental practice, including training of the oral healthcare team and the need to take into account medicolegal considerations. The book is a very timely addition to the literature, given the move towards wellness rather than repair-based models of healthcare in Europe and North America and the focus of dental contracts on risk-driven care pathways. It will be of high value for not only practitioners but also professionals and healthcare funding bodies.

**Tooth Whitening**

This book introduces readers to the technology and characteristics of nanomaterials and their applications in dentistry. With currently available implant materials, the clinical failure rate varies from a few percent to over 10 percent and new materials are clearly needed. Nanomaterials offer the promise of higher strength, better bonding, less toxicity, and enhanced cytocompatibility, leading to increased tissue regeneration. Mieczyslaw Jurczyk, director of the Institute of Materials Science and Engineering at the Poznan University of Technology in Poland, has drawn from work in his laboratory and elsewhere in Poland to show that nanomaterials have important biological applications including in the stomatognathic system consisting of mouth, jaws, and associated structures. The book is written from a materials science and medical point of view and has 13 chapters and about 400 pages. The book can be divided approximately into three sections: the first five chapters introduce nanobiomaterials; the next five chapters describe their dental applications; and the last chapters describe their biocompatibility. Chapter 3 is a compendium on metallic biomaterials such as stainless steel, cobalt alloys, and titanium alloys, bioactive, bioresorbable polymers, and composites and ceramic biomaterials. The "top-down" approach to producing nanomaterials such as high-energy ball milling and severe plastic deformation, as well as Feynman’s "bottom-up technique" of building atom by atom, are discussed in the next chapter. Subsequent chapters discuss each material in depth and point out how new architectures and properties emerge at the nanoscale. Chapter 8 is devoted to shape-memory materials, which now include not only NiTi but also polymers and magnetic materials. In order to improve bonding, nanomaterials can be used to synthesize implants with surface roughness similar to that of natural tissues. Chapter 9 is devoted to different surface treatments for Ti-based nanomaterials, such as anodic oxidation to improve the bioactivity of titanium and improve the corrosion resistance of implants.
resistance of porous titanium and its alloys. The use of carbon in various forms—nanoparticles, nanofibers, nanotubes, and thin films—is discussed next with emphasis on the microstructure and properties of these materials, their implant applications, and their interaction with subcutaneous tissues. Nanomaterials can be used in preventive dentistry and therefore can reduce the amount of dental treatment that is necessary to maintain a healthy mouth as argued in chapter 11. In a subsequent chapter, the author explains osseointegration (direct bone-to-metal interface) from a biological point of view and early tissue response. The mechanism of the interaction between the implanted materials with the cellular protein in the tissues is described. The last chapter discusses the application of new nanostructured materials in permanent and bioresorbable implants, nanosurface dental implants, and nanostuctured dental composite restorative materials. This book not only focuses on nanomaterials but also on nanotechnology to achieve the best results in dentistry. It is recommended to anyone interested in nanomaterials and their applications in dental science. People with a background in materials, chemistry, physics, and biology will benefit from it.

**Risk Assessment in Oral Health**

This is one of the first books to provide a clinically focussed account of the diagnosis, prevention and treatment of all forms of tooth wear. Bringing together the latest research, it is compiled by international leaders in the field to create an essential clinical guide for dental practitioners. The book covers all forms of toothwear and dental erosion, and is presented in a practical format that allows for ease of reference and helps assimilate clinical information quickly. It defines the stages of toothwear, provides schematic approaches to allow better understanding of the key role that saliva plays, and highlights the differences between acid erosion and dental caries. Importantly for clinicians, it provides a framework for developing best practice management strategies by discussing diagnostic skills, treatment planning and therapeutic modalities. An essential resource based on a solid research platform, this book will provide dental professionals with the missing links they seek to diagnose, prevent, manage, restore and rehabilitate the worn dentition more confidently. It will be of value to dentists, dental therapists, dental hygienists, and students in these areas. KEY FEATURES: Covers all forms of toothwear and dental erosion across all age groups; Includes discussion of best practice management strategies; Discusses aetiology, diagnosis, prevention and treatment in a clinical context; Contains many full colour clinical illustrations and schematic conceptualisations; Brings together the latest clinical views and research with a wide range of international contributors.

**Pickard's Guide to Minimally Invasive Operative Dentistry**

An ideal introduction to the theory and treatment of conservative dentistry, the tenth edition of Pickard's Guide to Minimally Invasive Operative Dentistry is a must-have text. Written in an easy-to-understand and concise style, the authors introduce the essentials of dental disease before outlining how to collect patient information in order to diagnose, plan and deliver care. Exploring key topics such as disease prevention, the principles of minimally invasive operative dentistry, restorative materials and procedures, this completely up-to-date new edition integrates a thorough academic grounding for examination with an essential preparation for clinical practice. Illustrated with step-by-step colour photos, common clinical procedures are clearly set out and labelled for beginners. The tenth edition has been updated to reflect the latest evidence-based guidelines for management as well as follow up and long term care. Pickard's is the ideal support for dental undergraduates, dental care professionals and will act as a solid reference for postgraduate education.

**Issues in Contemporary Orthodontics**

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 highlights 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.

**Dental Erosion**

As the clinical occurrence of caries has declined and dietary habits have changed in recent decades, attention has shifted toward dental erosion, or tooth demineralization that is not the result of bacteria but rather a multifaceted process involving dietary habits, salivary flow rate, and other physical and mental health factors. This book provides a comprehensive overview of dental erosion, focusing in particular on its diagnosis, risk assessment, prevention, and treatment. The authors detail how to recognize dental erosion through the basic erosive wear examination; how to conduct a thorough risk assessment with a dietary questionnaire, health history, and measurement of salivary flow rate; how to plan appropriate restorative treatment based on the severity of the erosion, providing recommendations for specific instruments and materials to be used; and how to prevent and/or reduce further erosion after treatment through dietary alterations, dental hygiene measures, and even drug treatments or surgical measures. With ample case studies illustrating the many different presentations of dental erosion and with step-by-step restorative procedures detailing treatment, this book presents the information necessary to diagnose and treat dental erosion in clinical practice. A must-have for the student and practicing clinician alike.

**Paediatric Dentistry for the General Dental Practitioner**

This volume brings together current concepts relating to the use of fluoride in dentistry. In contributions written by expert authors, data from this large and complex field have been assembled into a clear sequence and presented in a lucid fashion. The first section deals with the sources...
of fluoride intake and its metabolism, in order to fully understand fluoride toxicity and the importance of monitoring intake. The second section focuses in more detail on modes of fluoride application and the mechanisms by which this ion interacts with the oral environment to cause a remarkable reduction in dental caries. The role of fluoride in the prevention of dental erosion is also elucidated. The complex mechanisms by which fluoride exerts its effects are described with clarity and the entire text is accompanied by particularly useful illustrations. As a clear up-to-date summary of current thinking in the field, this book will be essential reading for research workers and postgraduate students. Established researchers and teachers in both clinical and basic sciences will find it to be a valuable addition to their libraries, and clinicians will be able to better evaluate the current scientific evidence on the advantages as well as the hazards of fluoride in dentistry.

Practical Procedures in the Management of Tooth Wear

Erosive Tooth Wear

This second edition addresses the complex, multifaceted relationships between nutrition and oral health, explores proposed relationships between oral, systemic and nutritional well-being and provides insights into interprofessional, comprehensive care for individuals. Chapters focus on diet, nutrition and oral health promotion and disease prevention across the lifespan, oral and dental diseases and disorders, oral manifestations of systemic diseases, and discussions of the synergy between oral tissues and nutrients. Cutting edge research issues regarding the relationship of individual antioxidants, trace elements, polyphenols and other nutrient substrates and oral health/disease, nutrigenomics, screening for nutrition and oral risk and other areas are covered in detail. Editors and authors include experts in nutrition and oral health from around the world. This second edition is a invaluable resource for health professionals in the fields of nutrition and dentistry as well as other disciplines whose research, practice and education includes nutrition and oral medicine. It is an excellent resource for graduate level nutrition and dental students, dental and nutrition practitioners, educators and researchers as well as other health professionals.

Pediatric Dentistry

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.

The Scientific Basis of Oral Health Education

Xerostomia, more commonly called dry mouth, affects an estimated 20% of adults worldwide and can severely diminish one’s quality of life. Dry Mouth, the Malevolent Symptom: A Clinical Guide relies on evidence-based research to provide an introductory primer on oral dryness and the modalities available to treat it. The book describes the varied etiology of the disease, but emphasizes clinical protocols and step-by-step procedures for diagnosis and treatment planning. Dry Mouth is a user-friendly manual guiding clinicians through identifying and managing this common condition. Causes including radiotherapy, chemotherapy, systemic diseases, polypharmacy, and the natural progression of aging are discussed in conjunction with the clinical symptoms and signs associated with each one. Multiple avenues for treatment are presented, highlighting salivary stimulation and supplementation techniques, pharmacologic aids, and critically required oral therapy. Although intended primarily for the professions that treat those affected by xerostomia, Dry Mouth may also be of interest to sufferers of this condition.

Tooth Erosion Prevention and Treatment

Issues in Contemporary Orthodontics is a contribution to the ongoing debate in orthodontics, a discipline of continuous evolution, drawing from new technology and collective experience, to better meet the needs of students, residents, and practitioners of orthodontics. The book provides a comprehensive view of the major issues in orthodontics that have featured in recent debates. A broad variety of topics is covered, including the impact of malocclusion, risk management and treatment, and innovation in orthodontics.

Guidelines for Safe Recreational Water Environments Coastal and fresh waters

Odell's Clinical Problem Solving in Dentistry

This handbook distills the most up-to-date theory and practical information on dental erosion and dentin hypersensitivity into an accessible and practical clinical guide for general dental practitioners, dental students, dental educators, and other health professionals. Topics are covered in a step-by-step, easy-to-understand manner, with tables, checklists, images, flowcharts, and bulleted point-like presentation of core messages that is ideal for busy dental practitioners and students. Besides providing evidence-based guidance on treatment and prevention strategies, the book examines thoroughly the dental erosion process itself and the intrinsic and extrinsic causes. Chapters are also included on the etiology, prevalence, and management of dentin hypersensitivity, the restoration of worn dentin, and non-carious cervical lesions. The authors are renowned, clinically active international experts in different aspects of dental erosion and its management.

Restorative Management of the Worn Dentition
Diseases and Conditions in Dentistry: An Evidence-Based Reference is the ideal, one-stop guide for dentistry clinicians to keep at their side. Provides a quick reference for the busy clinician covering diseases and conditions in endodontics, periodontics, prosthodontics and restorative dentistry. Offers identically formatted chapters following the same clear and concise layout with detailed clinical cases and evidence-based discussions. Features a companion website with additional clinical photographs, radiographs, and case notes.

**Bionanomaterials for Dental Applications**

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.

**Fluoride and the Oral Environment**

Erosive tooth wear is a multifactorial condition of growing concern to the clinician and the subject of extensive research. Since the publication of the first edition of the book with the title Dental Erosion, new knowledge for a better understanding of this important subject has been gathered. The new and more detailed insights resulted in this second, extended publication. It presents a broad spectrum of views, from the molecular level to behavioural aspects, as well as trends in society. In particular, the issues concerning chemical and biological factors as well as dental erosion in children are covered more extensively in this second edition. The first chapters include topics such as the definition, diagnosis, interaction, epidemiology and histopathology of tooth wear. Further, the aetiology of dental erosion, including nutritional and patient-related factors, and dental erosion in children are discussed. This book is a valuable and indispensable guide to better oral health and is highly recommended to faculty members, researchers, dental students, practitioners and other dental professionals.

**Dentistry at a Glance**

This superb two-volume set will assist dental practitioners and endodontic trainees and specialists in planning and executing the management of any endodontic case from first principles. Clear guidance is provided on diagnosis, pathology, treatment planning, prooerative management, and the full range of essential treatment strategies. Clinical procedures are described step by step and key concepts emphasized with the aid of a wealth of high-quality illustrations and photographs. Examples of best practice are documented by means of clinical case examples, and the provision of concise tips and recommendations ensures that the reader will quickly be able to find solutions to any one of the myriad of endodontic challenges with which he or she may be confronted. In addition, the most relevant literature is reviewed in order to support and reinforce the discussed clinical concepts. The described clinical decision-making and treatment strategies are all grounded in a sound scientific base, but the pitfalls of excessive theoretical information is avoided. This set includes "Endodontic Diagnosis, Pathology and Treatment Planning - Mastering Clinical Practice" and "Endodontic Treatment, Retreatment, and Surgery."

**The Impact of Nutrition and Diet on Oral Health**

The new guidelines are meant to protect public health, help evaluate development projects near freshwater and recreational sites and assess potential health aspects of recreational projects.

**Dental Caries**

This book reviews the evidence relating to the mechanisms, clinical efficacy, safety/toxicity, and clinical application of tooth whitening techniques and materials. All clinical techniques are proficiently illustrated step by step. The book is divided into four parts, the first of which explains how tooth whitening with peroxide works and examines the overall safety of peroxides and potential complications. The findings of clinical trials with peroxide-based materials for clinical practice are then examined, with discussion of a wide range of issues in at-home whitening and in-office whitening. The third part focuses on the techniques of enamel microabrasion and resin infiltration, which entail removal of a microscopic layer of enamel and may be used to improve tooth color either alone or in combination with peroxides. The concluding part includes a variety of informative clinical cases using combined bleaching and restorative techniques for discolored teeth.

Tooth Whitening — An Evidence-Based Perspective will be of interest for dentists, dental hygienists, dental assistants, and others with an interest in the subject.

**Occl's Clinical Problem Solving in Dentistry E-Book**

Oral diseases can have a significant impact on self-esteem and quality of life, are widespread and may be expensive to treat. New methods to reduce their incidence are therefore needed and the protective effect of food constituents is an important area of study. This essential collection reviews the latest research into the impacts of food constituents on diseases and conditions of the mouth. Part one introduces oral conditions and diseases, with chapters on topics such as diseases caused by oral bacteria, viral and fungal infections of the oral cavity and dental erosion. Part two focuses on the effects of specific foods and food components, including sugar alcohols, casein phosphopeptides and antioxidants. The final part of the book covers the technology and development of foods and supplements for oral health and oral healthcare products containing food-derived bioactives. With its distinguished editor and international team of contributors, Food constituents and oral health is an indispensable reference for dentists, professionals in the oral health product, dietary supplement and functional foods industries and academics with an interest in oral health or functional foods. Essential collection reviews the latest research into the food constituents on diseases and conditions of the mouth. Examine oral conditions and diseases with specific chapters assessing bacterial, viral and fungal
Dental Erosion and Its Clinical Management

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 conditions to dental management is discussed. The book is divided into four sections, each of which focuses 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.

Food Constituents and Oral Health

New to the Practical Procedures in series, Practical Procedures in the Management of Tooth Wear demonstrates a wide range of up to date clinical techniques in the practical management of tooth wear. Presented in an accessible and user-friendly format, the book summarises the key points of each procedure, complete with clinical photographs. Chapters outline the principles and procedures for each technique, offer clinical tips and advice, and include full references. Topics include patient assessment and diagnosis, treatment planning for localised and generalised tooth wear, the partially dentate patient, tooth wear monitoring, management, and maintenance. Created by an internationally-recognised team with both clinical and academic expertise, this valuable resource: Presents comprehensive, evidence-based coverage of the management of tooth wear Examines the epidemiology and etiology of tooth wear Covers practical aspects such as record taking, aesthetic evaluation, prevention, clinical occlusion and active monitoring Includes access to high quality instructional videos to further supplement the text. Practical Procedures in the Management of Tooth Wear is a unique source of information for general dental practitioners, senior undergraduate dental students, and postgraduates preparing for higher qualifications and training.

Tooth Wear and Sensitivity

Tooth Diseases—Advances in Research and Treatment: 2012 Edition is a ScholarlyBrief that delivers timely, authoritative, comprehensive, and specialized information about Tooth Diseases in a concise format. The editors have built Tooth Diseases—Advances in Research and Treatment: 2012 Edition on the vast information databases of ScholarlyNews. You can expect the information about Tooth Diseases 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 Tooth Diseases—Advances in Research and Treatment: 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/.

Toothwear

"The first chapter identifies the aetiological factors for toothwear and assists the practitioner to recognize such factors and control their harmful effects. The following chapters are dedicated to formulating treatment strategies for the management of a wide range of conditions. The principles and clinical techniques are illustrated by cases in a step-by-step manner using proven principles and prosthetic procedures." -- pref.

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