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# Caries Management Science And Clinical Practice

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Essentials of Dental Caries

Dental Erosion and Its Clinical Management

Sturdevant's Art & Science of Operative Dentistry - E-Book

Sturdevant's Art & Science of Operative Dentistry - E-Book

Contemporary Esthetic Dentistry - E-Book

Pediatric Restorative Dentistry

The Overlooked Individual: Susceptibility to Dental Caries, Erosive Tooth Wear and Amelogenesis

Dental Caries

Cariology

Diagnosis, Prevention and Management

Innovations in Preventive Dentistry

Pulp-dentin Biology in Restorative Dentistry

Advanced Operative Dentistry E-Book

Caries Excavation: Evolution of Treating Cavitated Carious Lesions

McDonald and Avery's Dentistry for the Child and Adolescent - E-Book  
SMART Oral Health  
Tooth Whitening  
The 5-Minute Pediatric Consult Standard Edition  
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Sturdevant's Art and Science of Operative Dentistry  
Pit and Fissure Sealants  
Dental Caries  
Dental Caries  
5-Minute Pediatric Consult  
Management of Deep Carious Lesions  
A Practical Approach  
Essentials of Dental Caries: The Disease and Its Management, 3rd Ed.  
Translational Systems Medicine and Oral Disease  
Paediatric Dentistry  
Essentials of Dental Caries  
Caries Management, An Issue of Dental Clinics of North America  
Principles and Management  
A Clinical Guide  
The Disease and Its Clinical Management

Clinical Cases in Dental Hygiene  
Detection and Assessment of Dental Caries  
The Disease and Its Management  
Detection, Assessment, Diagnosis and Monitoring of Caries  
Caries Management - Science and Clinical Practice

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## **HAYDEN CHAIM**

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### **Essentials of Dental Caries** Springer

This is a study of pulp and dentin in restorative dentistry. A basic understanding of the pulp-dentin complex is presented and its response to intraoral insults and restorative procedures described.

*Dental Erosion and Its Clinical  
Management* Karger Medical and  
Scientific Publishers

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.

**Sturdevant's Art & Science of Operative Dentistry - E-Book** Oxford University Press

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.

*Sturdevant's Art & Science of Operative Dentistry - E-Book* Mosby

This book explains how to optimize clinical conditions for detection of the earliest visible signs of dental caries and how best to assess caries activity as a basis for effective management. The available evidence from the literature on detection criteria and methods is distilled and placed in a clinical context to facilitate implementation in clinical practice. Guidance is offered on removal of the dental biofilm and the potential impact of various factors on the performance of different caries detection devices. The histological changes that occur during the caries process and their effect on the clinical appearance of caries lesions are explained. In addition, several caries classification systems

based on visual detection criteria and designed to allow staging are presented. Consideration is also given to currently marketed detection aids, including methods involving light fluorescence, transillumination, and radiography. In each case, a summary of the detection performance, based on available supporting evidence, is tabulated together with advice on appropriate clinical application. The reader will find the text to be clearly written and informative, with many supporting clinical images.

**Contemporary Esthetic Dentistry - E-Book** Springer Nature

Get a better picture of operative dentistry from the most complete text on the market. Using a detailed, heavily illustrated, step-by-step approach, this

comprehensive guide helps you master the fundamentals and procedures of restorative and preventive dentistry and learn to make informed decisions to solve patient needs. This widely respected text draws from both theory and practice, and is supported by extensive clinical and laboratory research. The new edition features a new full-color design, significant content updates, and a new companion website with six supplemental chapters, videos, and more. Comprehensive coverage spans the entire spectrum of operative dentistry, including fundamentals, diagnosis, instrumentation, preparation, restoration, and prevention. Practical, scientific approach to content is supported by sound clinical and laboratory research and incorporates

both theory and practice. Clear presentation of techniques and procedures uses a consistent pattern to cover each restorative process. Procedural alternatives instruct on how to adapt a procedure or technique to answer individual patient needs. Pros and cons of restoration options discuss the advantages, disadvantages, indications, and contraindications involved to help you make informed decisions when multiple treatment options are available. Significant revisions across all chapters streamline the book and make it easier to read. New full-color design gives you a better picture of concepts and procedure details. Companion website offers electronic access to the book, plus six supplemental chapters, videos, and

weblinks.

Pediatric Restorative Dentistry Mosby

This book comprehensively evaluates the Medical Management of Caries using silver, fluoride, and glass ionomer compounds. The topics discussed involve history, scientific research, case reports, large scale clinical trials and community health programs throughout the world. Additional topics include economics of healthcare delivery, social determinants of disease, policy recommendations and future implications for the implementation of the Medical Management of Caries. Contributing to this book are 32 authors who comprise some of the most well known researchers and clinicians around the world. This material will be useful for school curriculum's, clinicians looking to

learn new methodologies and public health professionals developing community health programs domestically and internationally. Implications to public health policy include reduced cost, increased access and improved quality of care.

**The Overlooked Individual:  
Susceptibility to Dental Caries,  
Erosive Tooth Wear and  
Amelogenesis** Springer

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 bullet 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.

Dental Caries Elsevier Health Sciences

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.

Cariology Elsevier Health Sciences

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. *Diagnosis, Prevention and Management* Springer  
Reader friendly: Adapted keeping in mind the curriculum of the final year undergraduate student with exam and clinical oriented Clinical Notes boxes. The text is streamlined for improved readability Full Color Design: Incorporates more than 500 illustrations including color photos and around 100 tables and boxes to better show techniques and detail Added Chapters:

Six new chapters on ... have been included in this edition Online Chs : The website features three online chapters for additional study  
*Innovations in Preventive Dentistry*  
Oxford University Press  
Caries Management - Science and Clinical Practice Thieme  
*Pulp-dentin Biology in Restorative Dentistry* Caries Management - Science and Clinical Practice  
*Clinical Cases in Dental Hygiene* is an indispensable resource to understanding both the theory and practice of dental hygiene, illustrated by real-life cases in a clinically relevant format. Offers a unique case-based format that supports problem-based learning Promotes independent learning through self-assessment and critical thinking Includes

a wealth of relevant cases for understanding dental procedures and management of patients Covers all essential topics within the scope of dental hygiene

Advanced Operative Dentistry E-Book

Quintessence Publishing Company  
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

**Caries Excavation: Evolution of Treating Cavitated Carious Lesions**

Independently Published

This Elsevier title is a Pageburst product which provides you with the printed volume PLUS an e-book. Pageburst (formerly Evolve eBooks) allows you to quickly search the entire book, make notes, add highlights, and study more efficiently. Buying other Pageburst titles

makes your learning experience even better: all of the eBooks will work together on your electronic 'bookshelf' so that you can search across your entire electronic library. *Advanced Operative Dentistry: A Practical Approach* is a brand new volume that addresses the use of fixed prosthodontics in a single handy reference source. Prepared by editors and contributors of international renown, this volume places unique emphasis on the biological basis of effective treatment planning by describing the diagnosis, aetiology, risk assessment and preventive management of diseases and disorders and how these factors are integral to predictable long-term patient outcomes. *Advanced Operative Dentistry: A Practical Approach* also

gives clear advice on the selection and use of modern dental materials and describes how teeth are prepared – and to what extent – for indirect restorations such as crowns, bridges, veneers, inlays and onlays. The book also explores the use of complex indirect fixed prosthodontics which brings with it specific issues of restoration design, retention and occlusal management. Recognising that great deal of emphasis is placed on aesthetic dentistry by patient and dentist alike, this text also discusses factors which can impact upon aesthetics and how the aesthetic demands of patients can be met in a realistic and ethical manner. Clearly written and fully illustrated throughout, this practical step-by-step guide will be ideal for undergraduate dental students,

vocational trainees and practitioners undertaking post-graduate exams. Prepared by editors and contributors of international renown Contains an abundance of full colour, clinical illustrations to show the results that can be achieved in real life Describes how to achieve the best appearance in order to meet increasing patient expectations Discusses the use of fixed prosthodontics in one volume and how fixed and removable prosthodontics can be integrated Gives unique emphasis on the preventative, biological approach to the use of fixed prosthodontics in order to ensure positive long-term treatment outcomes Clearly illustrates why aspects of tooth preparation are necessary and how the construction of restorations influences their fit Provides an

integrated, multidisciplinary step-by-step guide to the provision of indirect fixed restorations Provides guidance on effective communication with laboratory staff to ensure high-quality tooth preparation Describes the correct handling of materials and restorations when being fitted Presents the latest findings regarding the use of contemporary materials and techniques – such as the use of Expasyl, Protemp temporary crowns, CAD and CAM crowns Comprehensive coverage of the subject area makes cross-referencing to other books unnecessary

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

Karger Medical and Scientific Publishers  
The 5 Minute Pediatric Consult provides immediate, practical advice on problems

seen in infants, children, and adolescents. More than 450 diseases are covered in the fast-access two-page outline format that makes The 5-Minute Consult Series titles so popular among busy clinicians. Other features include a Chief Complaints section addressing the workup and treatment of 50 signs and symptoms. The medication index, syndromes glossary, surgical glossary, laboratory values, and tables will appear online only for the 7th edition to allow space for more topics without growing the size of the book.

SMART Oral Health Elsevier Health Sciences

Dental caries (tooth decay) is one of the most highly prevalent diseases around the world affecting a significant proportion of the population. Dental

caries may take place on any tooth surface in the oral cavity where dental plaque is allowed to develop over a period of time. Understanding its causes and progression allows the dental team to help the patient control and manage it so that patients can maintain healthy teeth for life. The fourth edition of *Essentials of Dental Caries* provides readers with an up-to-date, clinically relevant guide to dental caries. Written in an accessible style, the authors explain the biological and socioeconomic background of lesion development and progress. Current methods of clinical diagnosis and evidence based management are outlined in clearly laid out and highly illustrated chapters. This book is essential reading for students and practitioners of dentistry, dental

therapy, dental hygiene, and oral health educators.

*Tooth Whitening* Oxford University Press "Drawing from both theory and practice and supported by extensive clinical and laboratory research, Sturdevant's Art and Science of Operative Dentistry, 6th edition presents a clearly detailed, heavily illustrated step-by-step approach to conservative restorative and preventive dentistry. It's a complete guide to all aspects of operative dentistry, including fundamentals, diagnosis, instrumentation, preparation, restoration, and prevention."--Publisher.

**The 5-Minute Pediatric Consult Standard Edition** Academic Press

Dental caries is defined as a multifactorial, transmissible, infectious oral disease caused primarily by the

complex interaction of cariogenic oral flora (biofilm) with fermentable dietary carbohydrates on the tooth surface over time. At the tooth surface and sub-surface level, dental caries results from a dynamic process of attack (demineralization) and restitution (remineralization) of the tooth matter. It is essential to understand that carious lesions, or cavitations in teeth, are signs of an underlying condition, an imbalance between protective factors (i.e., those favouring remineralization) and pathologic factors (i.e., those favouring demineralization), balance tilting towards the latter. In clinical practice, it is very easy to lose sight of this fact and focus entirely on the restorative treatment of caries lesions, failing to treat the underlying cause of the

disease.

**Phillips' Science of Dental Materials**

- **E-Book** Elsevier Health Sciences

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  
Sturdevant's Art and Science of Operative Dentistry Lippincott Williams & Wilkins  
 Get a better picture of operative



dentistry from the most complete text on the market. Using a heavily illustrated, step-by-step approach, Sturdevant's Art and Science of Operative Dentistry, 7th Edition helps you master the fundamentals and procedures of restorative and preventive dentistry and learn to make informed decisions to solve patient needs. Drawing from both theory and practice and supported by extensive clinical and laboratory research, this new full-color edition features four new chapters and updated information in the areas of color and shade matching, light curing, periodontology, digital dentistry and more. It's the practicing dentist's complete guide to all aspects of operative dentistry. Four new chapters cover the areas of color and shade

matching, light curing, periodontology, and digital dentistry. Expert Consult website with five supplemental chapters and procedure videos. Evidence-based approach is supported by extensive clinical and laboratory research. Comprehensive coverage provides a thorough understanding of caries and an authoritative approach to its treatment and prevention. Illustrated step-by-step approach offers a better picture of conservative restorative and preventive dentistry. Full color design clearly demonstrates techniques and details. NEW! Four new chapters cover the areas of color and shade matching, light curing, periodontology, and digital dentistry. NEW! Expert Consult website includes five additional online-only chapters, procedure videos, and

references linked to PubMed. NEW!      new knowledge that has emerged since  
Updated content throughout integrates      publication of the previous edition.

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