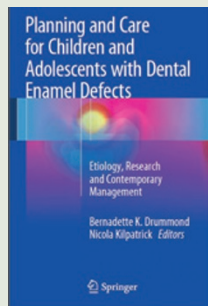


BOOK REVIEW

PLANNING AND CARE FOR CHILDREN AND ADOLESCENTS WITH DENTAL ENAMEL DEFECTS



B. K. Drummond, N. Kilpatrick
Springer
price £108; pp 175
ISBN 9783662447994

This new book, a much awaited text on planning of holistic care for children and young people with developmental defects of enamel (DDE), aims to provide readers comprehensive knowledge on the topic.

It covers various types of DDE including dental fluorosis, molar incisor hypomineralisation (MIH), and amelogenesis imperfecta. Each of the 13 chapters has been beautifully written by internationally acclaimed authors on the subjects, complete with supporting tables and figures. Each chapter can be read individually as its own but where relevant, also has cross-references to other chapters.

The first few chapters cover the prevalence and aetiology in both dentitions respectively. Subsequently, two full chapters are devoted to discuss the contemporary knowledge on the genetic basis of DDE and systemic diseases/syndromes associated with DDE.

A single chapter reviews the composition, macroscopic and microscopic changes of hypomineralised enamel in relation to normal enamel; and reveals how such changes may affect mechanical behaviour including response to restorative treatment.

With an aim to promote child-centred care, this book also included a full chapter describing the potential psychosocial effects of DDE in affected children. Dental care for these affected individuals thus becomes medically necessary for their psychological health. Yet, it is challenging for clinicians to plan and care for these children due to the complications often associated with DDE, such as increased sensitivity, anxiety, restorative challenges. Therefore, the remaining chapters detail the practical management of DDE including examination, treatment planning, prevention, controlling sensitivity, and restorative management. Finally, the book concludes with projected views of future possibilities in managing DDE and research directions.

It is recognised that there is currently inadequate high-level evidence on the aetiology and management of DDE. However, the authoritative authors consolidated the best available current evidence on the topic into this single book. Unlike most typical textbooks, statements are neatly supported with clear in-text citations to direct the inquisitive reader to the primary references. In addition, with reference to studies as recent as those published in 2014, this book proved wrong the stereotype that 'textbooks are outdated information'!

In essence, this book concisely summarises the contemporary understanding of DDE for easy reference by busy general dentists and specialists. Notably, the A5-sized hardcopy book also serves as a handy and portable reference book for students. The e-book edition is also available.

R. Yee

BOOK REVIEW

RATIONAL ROOT CANAL TREATMENT IN PRACTICE, 2ND EDITION



J. M. Whitworth
Quintessence Publishing
price £28.00; pp 134
ISBN 9781850972761

The 2nd edition of this book; released in 2014 as an update into the well recognised Quintessentials dental series. It packs a powerful punch of knowledge spanning across everything endodontics.

From cover-to-cover the reader is taken through the fundamentals of endodontic treatment. Eight logically ordered chapters achieve this, for example they include; the 'Fundamentals of endodontic disease', 'Entering the canal system', and 'Assessing the outcome of treatment'. Whitworth has produced an excellent publication, with many aspects working in the books favour.

A practical book is valuable to any student or practitioner; the A5 size, slim profile and sturdy build put it up to survive in any bag, locker or practice bookshelf.

As a handbook, the location of information is optimised for efficiency throughout, the inclusion of 'Aims, outcomes and conclusions' for each chapter provides insight into the context of each section. The same can be said for the subtitles within chapters; concise, to-the-point headings make it an active, quick and fun book to use.

Text lay-out is in an aesthetic manor, accompanied by an array of detailed schematic diagrams and professional photographs. Complimentary to this is Whitworth's style of literature, reading the book is little like being lectured. It explains various techniques, biology and multiple concepts as though the reader were in conversation with Whitworth; in well written, bitesize paragraphs.

With no disregard for quality, it is important, however, that the reader remembers the book is not a textbook, but a handbook. Whitworth has done exceedingly well to compact his wealth of knowledge into the handbook. An appropriate and impressive depth of information, over a broad spectrum of bases, is covered throughout. Appendices to further reference texts are provided at the end of each chapter, if the reader wishes to gain a deeper understanding of any topics discussed. Accompaniment from the well written style and visual aids; allows students and practitioners to access the facts, figures, information and importantly in endodontics, the three-dimensional concepts, at the flick of a page.

The handbook is an essential for any dental student in the endodontic leg of their dental school's curriculum, and is to be kept within arm's reach of every practitioner. It presents itself as a practical tool for learning, expanding and maintaining knowledge of the biology, anatomy, techniques, treatments and procedures, and potential failures within the endodontic branch of dentistry.

T. P. Bradshaw