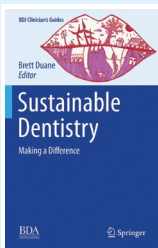


BOOK REVIEW

**SUSTAINABLE DENTISTRY**

Editor: Brett Duane;
2023; Springer Nature; £39.99; pp. 238;
ISBN: 978-3-031-07999-3

This much needed and timely book is an interesting, insightful, and important read for all dental professionals, with those in leadership positions a key target audience.

The book is divided into 13 chapters, each with a clear, well-constructed narrative and referenced evidence base. It begins discussing climate change and its implications for the planet and for human health, and how healthcare systems and more specifically dentistry fits into this picture. This key section explains the urgent need for change in our profession so that it may be more sustainable and less harmful to our environment in order to reduce our impact now.

The book has helpful sub-headings which make finding the relevant topic easy, especially so for tips on how we might seek to implement the suggested changes to our practice and dental systems.

Subsequent chapters discuss specific, key areas on how we can become more sustainable in dentistry including: how to build a sustainable practice; exploring the consideration to retrofit older

premises; planning the location of modality of care; and reducing energy needs.

The book then goes on to highlight the importance of prevention and its benefits towards more sustainable practice in relation to the most common oral conditions. This is followed by chapters on the reduction of the impact of PPE, responsible decontamination, behavioural support in dentistry, procurement, and waste management.

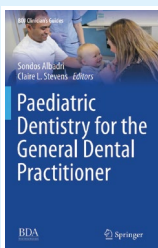
The final chapters of the book explore the need to develop more sustainable dental products and how this could be addressed in a more thought-provoking and sustainable way, ultimately concluding with the overarching principles of how oral health systems themselves will need to change in order for dentistry to become sustainable.

This book is the first substantial textbook that collates and presents the most current and high-quality evidence in this developing area of research and practice. It leads the way for others in the profession to build on so that dentistry can be more sustainable, and on the forefront of making positive changes for our planet. The contents of the book are both thought-provoking and enlightening on how we as a profession can improve.

This is an excellent resource for those in positions to implement change as well as individuals who want to increase their understanding of this topic and introduce changes in their own working practice.

Ailsa Woodley

BOOK REVIEW

**PAEDIATRIC DENTISTRY FOR THE GENERAL DENTAL PRACTITIONER**

Editors: Sondos Albadri, Claire L. Stevens;
2022; Springer Nature; £39.99; pp. 330;
ISBN: 978-3-030-66372-8

This is a clinician's guide to paediatric dentistry aimed at broadening the knowledge of general dental practitioners in the management of children. It is divided into three main parts: the early years, the young child, and older children and young people. It is quite a substantial guide with text, tables, coloured clinical photographs and radiographic imaging. It is co-edited by two experienced consultants in paediatric dentistry.

Part I 'The Early Years,' outlines the introduction of children to the dental environment and the basics of clinical examination and diagnosis. It then moves on to discuss the principles of consent and summarises the relevant legislation. The subsequent chapters cover content including dental development and growth, developmental milestones, and common hard and soft tissue pathologies. There are clinical tips scattered throughout the text to help keep the content clinically relevant to the reader.

Part II 'The Young Child' summarises the assessment of patients' anxiety levels, the non-pharmacological and pharmacological options for behavioural management. There are three problem-based

scenarios detailing how the reader could apply the information presented in a clinical setting. There are chapters including up-to-date advice on prevention and treatment of dental caries in primary teeth and the management of dento-alveolar trauma, with helpful clinical photographs and radiological imaging of sample trauma cases. The final chapter in this section is focused on safeguarding. It provides information on how to identify those who are at risk or in need, and how to make sure clinicians are managing and escalating safeguarding concerns appropriately.

Part III 'Older Children and Young People' begins with a chapter on medical problems. This is a relatively short summary of a large topic, but would be a potential quick reference for the reader. The remainder of this section discusses: deviations from normal development, caries in permanent teeth, dento-alveolar trauma, periodontal conditions, dental anomalies, tooth wear, and soft and hard tissue lesions.

Although aimed at general dental practitioners, this text would also be useful for dental therapists, dental foundation and core trainees, community dentists, and paediatric trainees in their early years of training. The sections are clearly organised making it easy to find a particular topic of interest. Overall, it provides a very detailed and comprehensive summary of the management of a paediatric dental patient. The authors have presented a good amalgamation of facts and clinical cases to keep the reader engaged and to help ensure the information can be applied clinically.

Dr Orla Carty