Book reviews

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REVOLUTIONS IN PEDIATRIC DENTISTRY

C. H. Splieth
UK: Quintessence
price £66.00; pp 224
ISBN 9781850972129

This publication is a presentation of up to date developments in paediatric dentistry. Its aim is to encourage practitioners to address advances in the field, consider current, evidence-based research findings and implement modernised treatment modalities. The 'revolutions' are described by a team of internationally recognised specialists in paediatric dentistry and other closely related disciplines.

The book comprises 16 concise chapters, each an exploration of a distinct clinical intervention, technique or issue. By virtue of its numerous contributors, and the broad range of areas covered, each chapter of the book could be regarded as a standalone publication, making this an accessible reference or revision tool. Chapters are replete with technical detail and heavily referenced, but the tone of the text remains conversational. Traditionally accepted practices and rationales are challenged confidently. Innovations are portrayed with reference to preceding beliefs or procedures, and historical research, literature and teachings are appraised critically. The information collated gives clinicians the insight to carry out standardised treatments and offer more refined justifications for their clinical management.

The opening chapter evaluates new diagnostic approaches in dental caries.

There follows an appraisal of the modern face of dental epidemiology, examining public health concerns relating to dental caries and malocclusion. Dental health is investigated further at a societal level in a discussion of strategies for reductions in the incidence of dental caries, applying the common risk factor approach and the directed vulnerable populations strategy. The controversial domain of community based fluoride supplementation is reviewed, and current guidelines for fluoride's indications in prevention at the individual patient level depicted. Significant coverage is given to sealants, traditional pit and fissure, and proximal. The newer concept of using micro-invasive resin infiltrants in enamel and early dentine lesions is promoted. Chapters with a more instructional slant detail currently regarded best practice in techniques such as pulpotomy, pulpectomy, the administration of pain free local analgesia and the endodontic management of non-vital anterior teeth with incomplete root development. Authors have tackled dental concepts subject to recurring debate, including space maintenance, drilling without (or with minimal) filling and indications for operative caries removal and restoration of the primary dentition.

This publication highlights the evolving nature of paediatric dentistry. The reader is made mindful of the importance of acknowledging progress in the field, and the value in responding to advances in the theory underpinning the delivery of dental healthcare. This is a stimulating, informative read with a constructive purpose, delightful to study in its entirety and easy to dip into.

R. Emmott

DENTAL IMPLANT RESTORATION: PRINCIPLES AND PROCEDURES

S. H. Jacobs, B. C. O'Connell
UK: Quintessence
price £98.00; pp 280
ISBN 9781850971016

This book aims to provide the restorative clinician with a guide to treatment of patients requiring dental implants. It is clearly aimed at students or dentists with little or no knowledge of implants, and is a good starting point for those looking to expand their clinical practice in this area.

The text is divided into two parts, the first providing the theory and knowledge of implants, and the second a guide to the clinical procedures involved in restoring implants. I found this approach to work extremely well, allowing the authors to firstly describe in adequate depth and detail the principles involved in diagnosis, management and treatment planning without assaulting the reader with the practical protocols involved in the restorative phase of the treatment, the latter being described in a step-by-step manner in the second part of the book.

The introduction and opening chapters introduce the basics of implantology in a very controlled but holistic manner, starting with identification of the basic structure of an implant assembly and leading to patient education and treatment planning. A chapter has been dedicated to the theory of each stage of restorative treatment, with the authors doing very well to ensure all relevant topics are covered along the way. A brief discussion of the surgical