

Book reviews

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RIDGE PRESENTATION AND IMMEDIATE IMPLANTATION



D. Schwartz-Arad
UK: Quintessence
price £148.00; pp 304
ISBN 9781850972167

Reliable immediate implantation or 'teeth in one day' is what many of our patients are demanding. The extraction of teeth can have a very large effect on our patient's quality of life. This textbook covers all aspects of immediate implant placement, immediate loading and temporisation. This book takes you from the very basics to the most complex cases including informative chapters on treatment planning, case selection, aesthetics, occlusion and the psychological aspects for the patient, to name but a few.

Dr Schwartz-Arad is a specialist in maxillofacial surgery from Tel Aviv and has a very impressive background both in academia and in clinical practice. She is joined in the task of writing this book by 22 international leading names in the world of implant dentistry. In the foreword to this book Dr Dennis P. Tarnow describes this as a 'life's work'. It is only through a 'life's work' that such an impressive book can be written for future generations of implant dentists to learn from.

The book is split into five sections. These five sections describe the background to immediate implant placement, surgical aspects to placement, aesthetic considerations in treatment planning, clinical scenarios, psychological aspects, complications and complex cases. All these sections are illustrated with hundreds of high quality photographs and excellent diagrams, along with CBCT

scans and radiographs. I found the step-by-step photography contributed significantly to my enjoyment of the book.

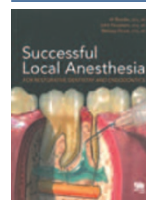
This section on on complex and unusual cases describes immediate implantation following extraction of an impacted maxillary canine, as well as a case of a root fracture where there is a need for an 'emergency' implant placement! All of these cases are followed up over a number of years.

Of particular note, the author presents many arguments for the immediate placement of implants. Along with ridge preservation, another argument strongly put forward throughout the text is the 'quality of life' effect of immediate implant placement. Schwartz-Arad presents an excellently laid out section on the psychological benefits of immediate implant placement and I was certainly convinced by her arguments.

There is something in this book for everyone and thus I would wholeheartedly recommend *Ridge presentation and immediate implantation* to any practitioner of implant dentistry.

F. O'Mahony

SUCCESSFUL LOCAL ANESTHESIA



A. Reader, J. Nusstein, M. Drum
UK: Quintessence
price £52.00; pp 174
ISBN 9780867155136

Many patients fear the dentist due to past experiences of pain during treatment; therefore a book which focuses on achieving successful local anaesthesia is a useful point of reference for any dentist. The authors have focused specifically on pulpal anaesthesia as required for restorative and endodontic treatment,

therefore reference is not made to oral surgery or paediatric dentistry.

The book is split into seven chapters dealing first with the clinical factors relating to local anaesthetics, such as how to test for pulpal anaesthesia, reasons for failure and a summary of the different local anaesthetic agents available. The following chapters focus specifically on mandibular and maxillary anaesthesia. Basic techniques for administering local anaesthetic and the relevant anatomy involved are not described; however, different anaesthetic agents, vasoconstrictors and injection techniques are evaluated. The average time of onset and duration of pulpal anaesthesia for each tooth is illustrated for each local anaesthetic agent, which provides a useful reference for consideration when using plain anaesthetic solutions, for example. Detailed description of supplementary local anaesthetic techniques, such as intra-osseous and intraligamentary anaesthesia, are given in chapter four. The equipment available for application of these techniques is evaluated, such as computer-aided delivery systems. The information in these chapters is presented in short sections with reference made to published literature and a summary at the end of each section. This makes the book useful as a quick reference for specific situations, however, it can seem repetitive and does not flow particularly well when reading a chapter from start to finish. Extensive reference sections are included at the end of each chapter for further reading if required.

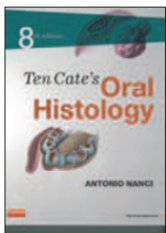
The most useful chapters are five and seven, which give clinical tips for the management of routine restorative and endodontic procedures. They include clear and well-illustrated algorithms for

anaesthetising each tooth, based on the best available evidence in the literature, including how to proceed when local anaesthetic failure occurs and the best supplementary techniques for each situation. New local anaesthetic agents and equipment are described, however, sufficient evidence does not yet exist to support their use.

In conclusion, a lot of research has gone into the writing of this book. It would be useful as a reference for any dentist having trouble with failed local anaesthesia in restorative and endodontic procedures and also for those with a special interest in local anaesthesia and pain management.

M. Devine

TEN CATE'S ORAL HISTOLOGY, 8TH EDITION



A. Nanci
UK: Elsevier
price £74.99; pp 400
ISBN 9780323078467

This textbook, aimed at undergraduate students, suits its purpose perfectly, as it is straightforward and easy to understand.

It covers oral histology over 15 chapters, with molecular concepts highlighted throughout to increase understanding in certain areas, such as when cell function is discussed. Chapters covered include the structure of the oral tissues, embryology of the head and neck and tooth development, as well as more general chapters on the structures common to various cells in the body and their functions, and tissue repair and regeneration. There is a new chapter on facial growth and development but this is brief and only provides an overview. The reader is subsequently directed to another text, which is cited, for more in-depth information.

The book is designed so that each chapter can be read discretely, with a brief introduction at the start and an outline similar to a table of contents. There is also the opportunity to register with the Evolve learning system online for access to a free study tool with review questions, exercises and an enhanced learning experience.

One of the best features of this book is the use of images and diagrams. There is a mixture of colour and monochrome images and they complement the text well. Not only do they aid understanding but they make the book more engaging. The diagrams and histological images help the reader to gauge principles that would be hard to picture with just text and imagination. Scanning electron micrographs offer excellent detail and are well annotated for an undergraduate understanding. The diagram on the development of the functional dentition from inception to the permanent dentition, although regarding content is excellent, was a little confusing and hard to decipher.

The book mentions current research on the bioengineering of teeth and advances in implantology with scope for further reading in the recommended reading section, which is present at the end of every chapter.

This book on the fundamental elements of dentistry is interesting, understandable and a comprehensive source of information for dental students.

N. Miller

ORAL AND MAXILLOFACIAL PATHOLOGY: A RATIONALE FOR DIAGNOSIS AND TREATMENT, 2ND EDITION



R. E. Marx, D. Stern
UK: Quintessence
price £325.00; pp 1008
ISBN 9780867155129

This updated second edition provides a comprehensive reference for oral and maxillofacial specialists and related professionals with over 500 new colour photographs, updates on treatments and management of over 400 conditions and diseases, including more recent internationally recognised diseases such as bisphosphonate related osteonecrosis, not incorporated in the first 2003 publication. The text is presented over two cased volumes making it a more manageable and practical reference source given the length of the text.

Eleven chapters over the two volumes cover a vast array of topics from the more commonly seen diseases and

lesions such as candidosis to those less prevalent such as verrucous carcinoma. These are ordered in a surgical sieve like classification approach covering a range of topics from inflammatory diseases, infectious diseases, and immune-based diseases to fibro-osseous diseases, salivary glands and pigmented lesions. A particularly interesting chapter is solely dedicated to osteoradionecrosis, detailing its prevention, management, treatment and guidelines for dental treatment before, during and post radiotherapy to the head and neck in a general practice setting as well as hospital. The opening chapter provides a useful introduction to biopsy principles and techniques, with the final chapters providing a guide listing outdated and new terms to prevent confusion over terminology and an interesting brief biography of 57 notable people who have influenced and contributed to the profession.

Each of the 425 conditions are described under several headings including: clinical presentation, differential diagnosis, diagnostic work up, histopathology, treatment and prognosis. This arrangement of the text allows for easy location of relevant information and for the reader to assess specific information as detailed or briefly as required. The treatment aspects vary from basic tests such as appropriate radiographs relevant to general practice to more complex specialist investigations and treatment including step-by-step clinical photographs on surgical management where appropriate. As an American publication some of the guidelines differ, such as the guidance from the American Heart Association on prescribing prophylaxis for infective endocarditis for at risk patients.

This 30.7 cm × 28.4 cm × 8.1 cm hardback textbook containing 2,700 images including diagrams, histology slides, radiographs and photographs is a desirable reference guide to all things oral and maxillofacial. The text is especially appealing to maxillofacial surgeons and those on a training pathway alongside general dental practitioners wishing to build upon and develop their knowledge using a well written comprehensive text.

D. Lee