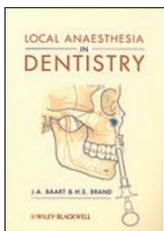


Book reviews

Books, videos, CD-ROMs, DVDs and any other relevant items submitted for a review in the BDJ should be addressed to:

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LOCAL ANAESTHESIA IN DENTISTRY



J. A. Baart, H. S. Brand
UK: Wiley-Blackwell
price £32.50; pp 192
ISBN 9781405184366

This book was originally published in Dutch and is edited by two experts in dental local anaesthesia, along with contributions from many experienced clinicians and scientists based in the Netherlands. It is intended for both students and general dental practitioners and aims to bring together the theoretical, clinical and legal aspects of local anaesthesia.

The book begins with the concept of nerve conduction and pain, the anatomy of the trigeminal nerve and the pharmacology of local anaesthetics. Important clinical questions such as why local anaesthesia may not be effective in areas of inflammation are answered in a logical and scientific way.

The clinical chapters of the book discuss local anaesthetic techniques in the upper and lower jaws, assisted by excellent colour illustrations, detailed anatomical drawings, comprehensive written descriptions and clinical photographs. There is an especially useful section on how to achieve a successful inferior dental block - the authors state that even in the hands of an experienced dentist, the success rate is 85%. A very informative chapter on administering local anaesthesia in children is included which considers behaviour management techniques to minimise pain and anxiety and gain a child's cooperation.

Two essential chapters deal with avoiding and managing complications arising

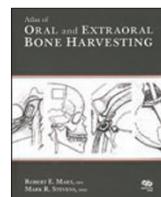
from administration of local anaesthesia, such as facial nerve palsy or vasovagal collapse. The last clinical chapter gives advice on preventing side effects during administration of local anaesthetics in medically compromised patients. This is presented in a tabulated format for each systemic condition (for example unstable angina) and could provide an easy to read reference text for a practising clinician.

Finally, the book includes an interesting chapter on the legal aspects of local anaesthesia in dentistry, with details of court cases from the UK, Europe and the USA. This is intended to illustrate the potential legal issues a dentist may encounter after administering local anaesthesia, such as not obtaining consent prior to giving a local anaesthetic or not recording contemporaneous notes; and how to avoid them.

Overall, this book provides a comprehensive reference for all aspects of local anaesthesia in dentistry. It is extremely well laid out and easy to read; the main text is presented in a logical manner with important points highlighted in boxes. The numerous illustrations and diagrams should make this book an attractive option for all clinicians looking to improve their knowledge and techniques in this essential area of clinical dentistry.

N. Handley

ATLAS OF ORAL AND EXTRAORAL BONE HARVESTING



R. E. Marx, M. R. Stevens
UK: Quintessence
price £120.00; pp 168
ISBN 9780867154825

This first edition of this book is co-authored by Robert Marx and Mark

Stevens. These American authors combine many years of clinical experience. Due to the increased demand and expectations of reconstructive surgery and provision of implants, bone harvesting is a fundamental issue. This comprehensive textbook outlines the surgery of oral and extra-oral bone harvesting supported by detailed knowledge of each surgical site.

This book is primarily aimed at surgeons providing reconstructive surgery and ridge augmentation. However, it may serve equally well for general dentists by providing a detailed yet interesting overview of bone harvesting.

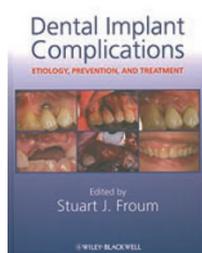
The first chapter provides a brief history and the general principles of bone harvesting. The following eight chapters are each devoted to the differing donor sites: five extra-oral (tibia, posterior and anterior ilium, rib and cranial bone) and three intra-oral (chin, mandibular ramus and maxillary tuberosity). These chapters present a detailed step-by-step approach of the surgical techniques required for harvesting bone. Each donor site is systematically presented with identical sub-headings including: indications, utility, contra-indications, cautions, anatomy, patient positioning, surgical techniques, drains and dressings, post operative care and complications. Every chapter provides the reader with a thorough understanding of the anatomy and surgical approach, supported by clear illustrations and case photographs.

The closing chapters of this book introduce 'no harvest site surgery', which may supplement or provide an alternative to auto-genous grafting. These chapters discuss recombinant human bone morphogenetic protein-2/acellular collagen sponge, bone marrow aspirate and aspirate concentrate.

In summary, this book provides a comprehensive clinical guide to oral and extra-oral bone harvesting. The individual chapters are well structured, with a straightforward layout enabling the donor sites to be considered individually, or in comparison to one another. Although a detailed read, the plentiful illustrations and photographs help the reader to gain a full appreciation of the clinical situations. This book is an interesting read and may serve a wide audience as a detailed reference book.

R. Bussell

**DENTAL IMPLANT
COMPLICATIONS: ETIOLOGY,
PREVENTION, AND TREATMENT**



S. J. Froum (ed)
UK: Wiley-Blackwell
price £104.99; pp 512
ISBN 9780813808413

This easy to read, richly illustrated textbook comprehensively covers the common and uncommon complications associated with dental implant treatment. Practical management of various problems is provided based on clinical experience and heavily supported by recent literature.

The book systematically features all potential problems associated with implants in relation to patient selection, diagnosis, imaging, planning, placement, restoration, maintenance and failure. Relevant aesthetic and prosthetic complications are covered in detail. It discusses issues related to bone grafting, sinus lift procedures, flapless surgery, immediate placement and immediate loading of implants. It provides an educational series of case reports and also helpfully raises awareness in relation to each complication is consistently structured in terms of: introduction, aetiology, prevention, treatment and take home hints. At the end of every chapter, there is an extensive list of contemporary references, facilitating further reading if desired.

I found the implant planning chapter especially useful, highlighting the importance of the restorative aspect of implant therapy and the need to plan from the top

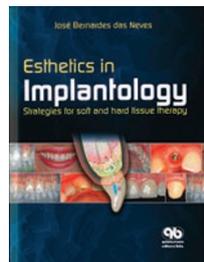
down. Also the list of take home hints at the end of each chapter provides a useful refresher of the fundamental issues covered in the previous pages.

The 25 chapters have been compiled by 50 outstanding clinicians from all over the world, each one an expert in implant dentistry. The editor, Dr Stuart J. Froum, is a professor and director of clinical research in New York University Dental Centre. He has over 20 years of teaching and clinical experience and this shines through, in the production of his all-encompassing book.

This comprehensive reference textbook would appeal to both inexperienced and senior clinicians, involved in implant dentistry. It provides 494 pages of lucid text embellished with high quality images. In relation to dental implant complications and their management, it is the first of its kind and it is excellent value for money.

N. O'Connor

**ESTHETICS IN IMPLANTOLOGY:
STRATEGIES FOR SOFT
AND HARD TISSUE THERAPY**



J. B. das Neves
UK: Quintessence
price £170.00; pp 422
ISBN 9788587425911

Implants are now a widely available treatment, however, their aesthetics, especially in the anterior region, are fraught with difficulties. This book identifies problem cases and details a number of procedures to try and overcome them.

The author has a long history of specialist periodontic practice and teaching in Brazil, including directing implantology courses and lecturing; furthermore he was pupil to Professor Brånemark.

The chapters divide this book into a well thought out logical sequence, each building on the previous. As you would expect the first illustrates accepted natural fundamental facial and dental aesthetics, followed by a brief but concise account of cranial and facial hard and soft tissue anatomy. The author continues, explaining basic but essential periodontal tissue structures, allowing the reader to then interpret the following peri-implant

tissues passage. 'Treatment planning' demonstrates crucial theory for implant placement and examples of sub-optimal case results when this is not followed. The second half of the book consists mostly of case reports, dealing with soft tissue conditioning, orthodontic consideration including temporary anchorage devices, alveolar distraction osteogenesis and the implant prosthesis. Appropriately then, these chapters are filled with diagrams of surgical techniques explaining the adjacent clinical photographs.

The text itself has been translated from Portuguese. Unfortunately it is riddled with grammatical errors and residual Portuguese. Furthermore the text per page is organised into two narrow columns; because of this, many words are hyphenated over two lines and make fluent reading difficult. This is in part redeemed by succinct summaries concluding most chapters. While definitions and indexes of clinical procedures are good, it is let down by a lack of detail describing some gingival surgeries. The numerous techniques explain how to mostly augment soft tissue, papillary defects but requires comprehensive background knowledge of periodontal surgery to understand and ultimately, diligently perform. Content is moderately well referenced with little longitudinal evidence from the author or literature concerning success of these aesthetic procedures. Elsewhere there are inviting diagrams and sequences of great clarity clinical photographs, perhaps, however, not always illustrating the final result readers desire.

This is sensible background reading for the application of techniques better detailed in other core texts, highlighting the possible aesthetic shortcomings of improper implant placement relative to their supporting structures.

G. Calvert