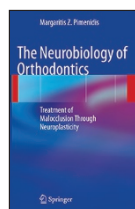


Book reviews

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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THE NEUROBIOLOGY OF ORTHODONTICS: TREATMENT OF MALOCCLUSION THROUGH NEUROPLASTICITY



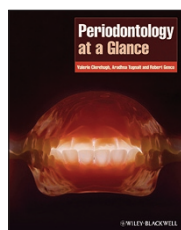
M. Z. Pimenidis
UK: Springer
price £126.00; pp 166
ISBN 9783642003950

This book reflects the relationship between the orofacial functions and the neurological activity of the brain. Through in-depth neurological knowledge the book demonstrates and educates on the effects of orofacial stimulation and function on the development of the stomatognathic system. The book describes how the development of malocclusions can occur or can be avoided depending on the orofacial sensory input. The comprehensive information about brain activity and the effects on the orofacial development allow better appreciation and diagnosis of the resulting malocclusions. The descriptions of the neurological and stomatognathic development enhance understanding of the effects of orthodontic treatment on the brain.

The literature is specialised towards orthodontic therapy and therefore is a recommended read for those practising orthodontics. However, even though it may not be initial resource material for an undergraduate or the general dental practitioner, it is highly recommended for those with an interest in orthodontics. Good knowledge of the orthodontic therapy effects on neurological activity is demonstrated and it would aid in the treatment planning and implementing of orthodontic treatment to achieve successful results.

S. Bhatt

PERIODONTOLOGY AT A GLANCE



V. Clerehugh, A. Tugnait,
R. J. Genco
UK: Wiley-Blackwell
price £24.99; pp 93
ISBN 9781405123839

This is a well-illustrated and clear reference text aimed at dental students as well as dental professionals seeking a 'refresher'. The book fulfils these roles well, offering a two-page, well-organised summary of each aspect of periodontology that is covered. The text is written by highly respected figures in the world of periodontology from the University of Leeds and the State University of New York.

The book has 43 different sections which are organised logically and allow the reader to build a good understanding of the topic. The layout is helpful and commences with the science and basic knowledge behind the various topics such as 'Anatomy of the periodontium', 'Role of plaque in the aetiology of periodontal diseases' and 'Host defences'. This is followed by the clinical implications of these and the techniques used in the treatment of periodontal disease, in sections such as 'Principles of periodontal diagnosis and treatment planning', 'Periodontal surgery', 'Plaque-induced gingivitis', 'Chronic and aggressive periodontitis' and finishing with 'The decision to treat or refer periodontal patients'.

Section 4: 'Role of plaque in the aetiology of host defences' is a particularly good section. It uses simple, well spaced out diagrams, tables and images to concisely summarise the microbiological basis of periodontal disease. Other useful topics include section 16: 'Periodon-

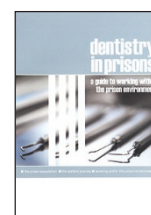
tal history, examination and diagnosis' and section 17: 'Periodontal screening'. These two sections are obviously closely linked and the author does well to outline the different methods in diagnosing periodontal disease, from BPE indexes to microbiological plaque sampling.

There are plenty of sections of a similar mould to those mentioned above where the information is clearly and logically set out. However, there are some that could be improved. For example, section 3: 'Periodontal epidemiology' contains far too much information for one double-page spread, causing the diagrams and tables to become too small and too close together, with the result being information presented in a way that I personally found harder to absorb. This problem is repeated in a couple of other topics throughout the book but to a lesser extent.

It must be stressed, however, that these less well-presented sections are definitely in a minority, and most of the book is extremely easy to read and understand. The book on the whole is an excellent aid to dental students and general dental practitioners keen to refresh their knowledge.

M. Parsons

DENTISTRY IN PRISONS – A GUIDE TO WORKING WITHIN THE PRISON ENVIRONMENT



S. Hancock (ed)
UK: Stephen Hancock's Ltd
price £34.95 (£59.95 with 3
hours' CPD); pp 88
ISBN 97809546 145

This pioneering textbook was recently launched at the National Association of Prison Dentistry. It is aimed at dental

professionals who work within a prison or secure environment. Historically many such dentists have 'learnt on the job' about the additional responsibilities of working within a prison and there has been little or no formal training or information available. The NAPD(UK) formed three years ago and sought to bring prison dentists together. This book was a direct response to demand.

The book is practically formatted from the patient's arrival at the dental surgery to their departure. There is a detailed overview of the current prison population, its health and dental needs and an example of dental triage.

Preparation of the dental surgery, the importance of cross infection measures, treatment planning for the prisoner and clinical challenges of dental treatment for prisoners are all covered in enough detail to give an overview of the challenges for the prison dentist. There are plenty of references for further reading for those that crave more detail.

Throughout the book, there are references to the current guidelines and documents relating to the provision of dental treatment in prisons including an overview of competencies required for Dentist with Special Interest accreditation.

There is a section dedicated to commissioning of services - an area which will bring clarity to those unfamiliar with this area.

Working within a prison is a unique environment. Dentists are expected to conform to NHS and HMP policies and standards. Knowledge of the former can take years to acquire. This is a pioneering and truly unique textbook. It will save so many prison dental team members from having to find the same information independently and allow its readers to benefit from the many combined years of experience of the book's many contributors.

This book will be a valuable tool for all members of the prison dental team, in particular, those starting out in a career in prison dentistry or special care dentistry. It is the kind of book that I wish was available when I had started working in a prison.

R. Edwards

OXFORD SPECIALIST HANDBOOKS IN SURGERY: ORAL AND MAXILLOFACIAL SURGERY



Kerawala C, Newlands C (eds)
UK: Oxford University Press
price £42.95; pp 205
ISBN 9780199204830

Such is the success of the Oxford handbooks series, there are now over 100 titles, some of which are entering their eighth editions. Having sold millions of copies, the Oxford handbooks pride themselves in being the market leading series of pocket handbooks for broad medical readership. They are aimed not only at students, junior doctors and specialist trainees but also nurses, dentists and paramedics. New to the arena of Oxford specialist handbooks in surgery is the long awaited handbook in oral and maxillofacial surgery.

Edited by two leading consultant oral and maxillofacial surgeons, with contributions from specialists and experts spanning the entire United Kingdom, a very comprehensive, authoritative and concise text has been written. Covering the exit syllabus for oral and maxillofacial surgery specialist training, FRCS (OMFS), this will prove to be a worthy companion to undergraduate students, candidates studying for MFDS/MJDF and specialist trainees at both junior and senior level.

This pocket-sized text manages to cover all aspects of oral and maxillofacial surgery, explaining the diagnosis and management of a wide range of congenital and acquired conditions affecting the mouth, jaws, face and neck. Chapters include: trauma, oropharyngeal cancer, surgical dermatology, salivary glands, orthognathic surgery, craniofacial surgery, cleft lip and palate, aesthetic techniques, temporomandibular joint, oral surgery techniques and oral medicine. In a robust, wipe clean cover, the book is designed so that information is easy to find and refer to 'on the job'. Numerous diagrams and photographs to illustrate procedures complement the text, with references for further reading at the end of each chapter.

I am confident that this book will share the success of the rest of the Oxford handbooks series for many editions to come. A space in the back pocket of every oral and

maxillofacial surgery trainee in the country is eagerly anticipating its arrival.

S. Grant

INFECTION CONTROL FOR THE DENTAL TEAM



M. Martin, M. Fulford, J. Preston
UK: Quintessence
price £20.00; pp 86
ISBN 9781850971320

This book provides a comprehensive overview of the 'why and how' of infection control in a well illustrated and concise format. It is best suited to the dentist who wishes to ensure they have a sufficiently up-to-date understanding of this subject to enable the implementation of the key points of infection control within the dental surgery.

Exploring the risks of cross infection in the dental environment and identifying infection risks, the first two chapters give the reader an insight into the need for good infection control procedures. From this, the book then discusses surgery design and its impact on infection control, giving various examples of acceptable surgery and decontamination layouts and covering most practice set-ups. The following chapter on instrument decontamination provides an in-depth understanding of the fundamental principles of effective decontamination and highlights appropriate limitations of some procedures which may be used in general practice. The chapter on disinfection is a comprehensive account of types of disinfectants used in dentistry, their clinical applications and clear guidelines for their use. Finally a chapter on legal and ethical issues completes the integration of modern infection control in general practice. The appendices include model examples of policies, protocols and checklists as well as an outline of an appropriate training syllabus. This gives the dental team an ideal resource to create individual policies for their practice, ensuring practice procedures and staff inductions are compliant with current standards.

The style of this book will allow it to be quickly and easily read by all members of the team and provides a good introduction to a key area of practice for new team members.

A. G. A. Dewar