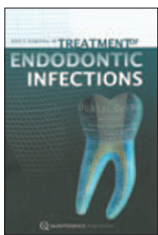


Book reviews

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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TREATMENT OF ENDODONTIC INFECTIONS



J. Siqueira Jr
UK: Quintessence
price £106.00; pp 355
ISBN 9781850972051

This publication will appeal to a broad range of readers from students to specialists within the field. The author, Siqueira, is a professor in endodontics at the Estacio de Sa University in Rio de Janeiro Brazil and has had numerous papers published in endodontic journals, both national and international. He has written several books but describes this one as 'all the information he has been working intensely to gather over the past 15 years put together in a single work'. I don't doubt it. The book is wholly evidence-based and presents research findings in an easy to read, easy to understand manner. No unsupported statement is made. The chapter dedicated to chemomechanical preparation alone contains over 240 references.

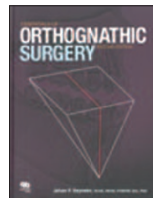
I would argue that the title of the book sells itself short. Not only does it cover the treatment of endodontic infections, but also the basis for their initiation and progression on a microbiological basis. There are 17 chapters of between ten and 50 pages in length. The first nine are dedicated to 'the infection' and are written in a logical, chronological manner from the aetiology of apical periodontitis to its systemic complications. The final eight address 'the treatment' and include: 'chemomechanical preparation, intracanal medication, obturation, treating failures, treatment of endodontic emergencies and the use of systemic antibiotics'.

The pages are written in prose but the salient points are set out from the text and either numbered or bullet pointed. Practically every page contains some sort of image, with most displaying two or three. The book contains a wealth of photographs, stained sections, radiographs, CT scans, tables, graphs, illustrations and scanning electron micrographs which makes it simple to visualise, but more importantly, to remember the points laid out in the text. The subject matter is interesting, contemporary, and memorable yet can be easily returned to and accessed thanks to an index which is detailed and complete.

As a recently qualified dentist I would feel comfortable recommending this book to students, dental foundation trainees, general dental practitioners, and those with an interest in endodontics, or following a training pathway in the subject. It was easy and enjoyable to read and I'm sure will be a book that I return to frequently over the next stages of my career.

J. Stone

ESSENTIALS OF ORTHOGNATHIC SURGERY, 2ND EDITION



J. P. Reyneke
UK: Quintessence
price £128.00; pp 281
ISBN 9780867155006

This is the second edition to the positively received 2003 book of the same name. The author, Professor Johan Reyneke, is a South African oral and maxillofacial surgeon with a good academic pedigree. He holds three international professorships and presents a course titled 'Orthognathic Surgery - occlusion and beyond' in a number of countries.

The book I received has an aesthetically pleasing deep purple hardback cover consisting of A4 size pages and is roughly 270 pages long. It aims to meet the needs of higher surgical and dental trainees in oral and maxillofacial surgery and orthodontics respectively as well as any clinicians interested in orthognathic surgery. As a first year SHO in Oral and Maxillofacial Surgery I must acknowledge that I have limited experience in orthognathic surgery, therefore, I can only comment on the book as a person who is interested in the subject and would like to know and understand more about it.

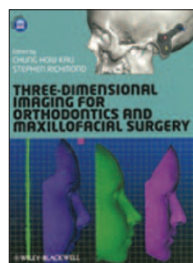
The first thing I noticed about the book was how easy it was to read. The book starts with the absolute basics with its chapter titled 'Principles'. This takes the reader back to undergraduate teaching on skeletal classification and incisor relationships. The pictures are colourful, clear and appropriately placed in order to allow the reader to visualise what the author is trying to communicate. This section also highlights the role the orthodontist plays and the planning/treatment they must undertake prior to the surgeons involvement. The second chapter 'Systematic Patient Evaluation' starts with an interesting subsection on the 'Sociopsychological Evaluation' which is commonly overlooked. This chapter also deals with facial form and how certain facial relationships impact upon facial harmony. As expected, a large part of the book is dedicated to lateral cephalometric radiographic evaluation in which there are numerous photographs, sketches and tables. What I found fascinating, however, was how the author places an emphasis on the artistic flair of the surgeon for a set of procedures that you may think would be driven by precise numbers, angles

and measurements. Imagination and an ability to think originally and creatively are qualities that Reyneke applauds. The book also has a 'how to do guide' on the most common surgical procedures to correct dentofacial deformities. Case studies at each stage of the book are where I feel it excels. This allows the reader a greater understanding of the principles outlined in the text and gives real life examples in practice.

In summary, this is a valuable read and is recommended for any clinician with an interest in orthognathic surgery.

O. Tabbenor

THREE-DIMENSIONAL IMAGING FOR ORTHODONTICS AND MAXILLOFACIAL SURGERY



C. How Kau, S. Richmond
UK: Wiley-Blackwell
price £95.00; pp 309
ISBN 9781405162401

This well presented hardback book has been brought together and contributed to by specialists from around the world. The book is aimed towards specialists working in the fields of orthodontics and cranio-maxillofacial surgery, to broaden their knowledge on this new and developing area of imaging, both theoretically and clinically.

The book is laid out into three parts, making up a total of 19 chapters. The book is very comprehensive, and the text is well illustrated with countless coloured photographs, diagrams and examples of 3D images, which you can expect from the different systems available. For further examples the book has a companion website, where the reader can find video clips of motion images, which at times is prompted in the book.

The opening chapter, 'The legalities of Cone Beam Imaging' is an excellent light start to the book, stressing the importance of justification, consent, documentation and confidentiality matters with cone beam imaging, as is essential with any form of Radiography. The remainder of Part 1 of the book goes through the different 3D systems available and clinical applications with cases.

The clinical cases are useful, because it not only demonstrates how 3D imaging can be useful in complex cases; they also show how it can help with the more common cases.

Part 2 emphasises how useful 3D imaging can be in both specialties for diagnosis, treatment planning and a more predictable treatment and growth outcome of both the hard and soft tissues. However, the book does express the continued importance of a thorough physical examination in the decision-making process. The final chapter of part 2 demonstrates the remarkable extent to which 3D imaging can be used to create custom made surgical guides and prostheses. This has removed the need for a model of the anatomy to be made, and allows the fabrication of smaller, thinner prostheses whilst maintaining rigidity.

Part 3 focuses on how 3D imaging would be useful in assessing movement and facial dynamics. The chapters describe how it is still an evolving field undergoing research and practice.

The plan of the book is well thought out with the end chapter summarising the past and the future of 3D imaging. The book as a whole meets its target audience, but does explain procedures and concepts in easy to understand language, which makes it an interesting read for anybody wanting further information or who has an interest in this field.

S. Jones