

Book Reviews

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Contemporary Orthodontics (2012)

Editors: William R. Proffit, Henry W. Fields Jr. and David M. Sarver

Publisher: Mosby

Price: £96.99

ISBN: 032308317X

Number of pages: 768

As has become customary for all of the previous editions, this book represents a valuable teaching resource for all students interested in orthodontics. The previous editions have needed no real introduction, and this edition also adds to the reputation of the authors. It consists of 19 chapters over 724 pages (excluding the index). A major step forward is the availability of the book and images on the internet. This is a major development for which the authors and publishers should be highly commended. HOORAY! But how long has this taken to arrive as a regular feature in dental publishing?

However, looking at the subject-matter, the book's content and format has also clearly been updated with areas of current development, including Cone Beam Computed Tomography, Ligature-less bracket systems, positioner type orthodontic appliances, and a critique of some of the false commercial claims now littering our profession. There is also inclusion of oscillating appliances to speed up tooth movement.

As with previous versions, it is quite unique to see an American publication with an implicit realization that literature and data are actually published outside of America. There is a broad representation of articles in the references

used. Many dated to 2011 and some 'In Press' articles to validate the contemporary opinion in the textbook.

A few points immediately stand out for comment (but to say these were major issues would be churlish in the extreme). For example on page 41 the features being depicted are not that obvious; page 75 does not mention Hassall or Lamparski; page 227 has out-of-focus extra-oral features.

There could also easily be a physiologist's debate over the time scale of piezoelectric charge (page 280) and the colour balance of the histology detracts from the quality of the image.

These are very very minor points. The logical layout, clear text, and illustrations overwhelm these comments.

For example there are some clear and precise flow charts (such as the one on page 416) which assist the reader and it is heartening to see efficient use of removable appliances (page 436) used to distalize and derotate a mesial migrated molar tooth.

Any student of orthodontics wishing for self-improvement should acquire the latest text. The reader will not be disappointed. I am also sure the authors will reap their just reputational rewards.

Fraser McDonald

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Integrated Clinical Orthodontics (2012)

Editors: Vinod Krishnan and Ze'ev Davidovitch

Publisher: Wiley-Blackwell

Price: £89.99

ISBN: 978-1-4443-3597-2

This unique and impressive book deserves a place on the bookshelf of every orthodontist who works with other specialties to deliver optimum care for their patients. Professors Krishnan and Davidovitch have brought together 49 internationally recognised experts to write 25 chapters which

provide a framework for the know-how and know-why of interdisciplinary orthodontics. This book cogently advances the concept of orthodontics as being in a rapid process of change from a technique-based specialty to a broad-based biological specialty with a concomitant increase in the

stature of the specialty. The book covers psychosocial factors including motivation and compliance, nutrition and effective data management in orthodontics, the implications of acute and chronic oral infections for orthodontic treatment as well as advice on when orthodontic patients might benefit from consultation with a clinical geneticist, paediatrician, otorhinolaryngologist, or endocrinologist. Thought-provoking chapters on what orthodontists can learn from basic orthopaedic research, tissue engineering in orthodontics, and the role of biomedical engineers in the design and manufacture of customised orthodontic appliances provide a foundation for clinical chapters. These cover the role of the orthodontist in managing orofacial deformities including a separate chapter on cleft lip and palate, orthognathic surgery, obstructive sleep apnoea, endodontics, prosthodontics, the application of lasers in orthodontics, corticotomy and stem cell therapy for orthodontics and periodontics,

implant (mini-screw) orthodontics and skeletal anchorage, temporomandibular joint dysfunction, and orthodontics for the special needs patient.

Each chapter is of well-judged length, structured with a short summary at the beginning, readable and well referenced with colour illustrations and case studies where relevant, providing a firm foundation for further investigation of the topic. The book is 500 pages long and is also available as an eBook (not reviewed), readable using Adobe Digital Editions.

The editors, authors, and publishers should be congratulated on the production of a much needed, competitively priced, and well-produced book which is essential reading for all orthodontists who work, or are training to work, in the interdisciplinary arena.

David Birnie

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Faces and Braces (2012)

Author: William J. Clark

Publisher: Author Solutions

Price: £6.50

ISBN: 9781468504385

The book 'Faces and Braces', subtitled 'Orthodontics for you and me' is designed to illustrate orthodontic procedures for patients and their parents/guardians. The author, Dr. William J. Clark, published it as an eBook (www.twinblocks.com) and download is unproblematic. The publication can be viewed easily on all current electronic devices such as laptop computers, iPads, and even Smartphones. This will make it attractive particularly for a young readership.

The book is divided into 18 chapters on 79 pages mixing informational topics like appliances design and clinical cases with chapters written in a chat room style, e.g., 'Cool chat...In the Girls Cloakroom' or 'In the Boys Gym...Gary fights back'

A virtual girl named Rebecca, who has completed orthodontic treatment successfully, guides the reader through the different chapters, talking to various children about her experiences and answering typical questions of the 'greenhorns' that are about to start a course of orthodontic treatment.

The style of the book is chatty and humorous and will not only appeal to young patients but to their parents/guardians and more mature patients alike. The clinical cases presented are well documented including years of retention. Due to

the long-time follow-up of the cases, some of the images appear dated by today's standards, but the reader will be impressed by the facial and occlusal changes that occurred during and subsequent to orthodontic treatment. Not all readers will appreciate that the book mainly highlights appliances and treatment philosophies developed by the author; appliances such as transpalatal arch, headgear, mini screws and Herbst Appliance do not feature. The description of invisible braces is limited to the TransForce™ appliance and lingual appliances, and aligners are not mentioned at all. Although pricing is very reasonable, it may be a challenge for the publication to win teenagers over as readership because of the competition from internet chat rooms and video platforms like YouTube.

In summary, presenting a publication about orthodontics from the patient's perspective is an excellent idea, and the author needs to be congratulated for this. The text is fun to read, and the cases presented are a fantastic showcase for orthodontics; this publication is a very useful tool for patient education.

Martin Baxmann