

## Book Reviews

### Distraction of the Craniofacial Skeleton (1999)

Editor: Joseph G. McCarthy

Publisher: Springer-Verlag, Heidelberg

Price: DM 249

ISBN: 0-387-94912-7

This well illustrated book comprehensively covers the actual clinical and scientific aspects for those preparing to carry out distraction osteogenesis of the craniofacial skeleton. According to a congress in New York in 1998, summarizing the first decade of craniofacial distraction, all surgical aspects of this new treatment technique are discussed. The book is divided into four parts. First, the principles of distraction osteogenesis are illustrated. Secondly, the founder of this method, Joe McCarthy, and others, describe the distraction of the mandible, and the principles and theory of intra- and extra-oral distraction, instrumentation, and techniques are clearly explained. Thirdly, the distraction of the midface and zygomas, and fourthly, the distraction of the cranium and orbits are demonstrated by several authors.

In the increasing field of distraction osteogenesis, the uni- and multi-directional treatment methods are described step-by-step with an extensive range of clinical treatments of patients

with severe craniofacial deformities by international experts of maxillofacial surgery. The surgeons usually integrate 3D-reconstructions of axial CT-scans in nearly all patients before and after surgical treatment. This allows improved assessment of the degree of asymmetry and a volumetric measurement of the new bone formation and elongation during distraction. However, the precise outcome of the craniofacial morphology is not predictable.

I personally missed the comments of an orthodontist to explain pre-, intra- and post-distraction orthodontics. However, long-term follow-up studies will show whether this revolutionary technique can change the conventional treatment concepts.

In summary, the authors are to be congratulated on producing an excellent book that should be an essential text in the library of every oral and craniofacial surgery department.

Robert A. W. Fuhrmann

### Traumatic Dental Injuries. A Manual (1999)

Authors: J O Andreasen, F M Andreasen, L K Bakland and M T Flores

Publisher: Munksgaard, Copenhagen

Price: DKK 148.40 (exclusive of VAT)

ISBN: 87-16-12127-9

The high prevalence of traumatic dental injuries and the expanded tendency for preservation of tooth structures has lead to the development of new treatment strategies for the management of dental trauma. The present book can be divided into three main sections:

1. Introductory part: comprising epidemiology, effect and healing, classification, examination, and diagnosis of traumatic dental injuries.
2. Specific dental trauma management: in this section a separate chapter is dedicated to each form of dental injury in which the

definition, the clinical and radiographic appearance, the biological considerations, and the treatment, as well as the prognosis are addressed. Each of these chapters stands alone, thus perfectly meeting the requirements of a ready reference.

3. Prevention, information to the public, and examination, as well as follow-up protocols.

In 64 pages the authors manage to describe all essential knowledge for dealing with the different types of traumatic dental injuries. The description

complies with today's research standard and the worldwide accepted treatment modalities. The text, although short, is pithy and reads easily, and is supported by high quality illustrations, radiographs, and intra-oral photographs.

This excellent clinical manual for the treatment of traumatic dental injuries is, in fact, what the authors wanted it to be—a ready reference for the general practitioner—and should be included in every practice library.

Sabine Ruf

### **Atlas of Craniomaxillofacial Osteosynthesis: Miniplates, Microplates, and Screws (1999)**

Editors: Franz Härle, Maxime Champy and Bill C. Terry

Publisher: Georg Thieme Verlag, Stuttgart, Germany

Price: DM228.00

ISBN: 3-13-116491-3

This is an atlas of technical procedures used in maxillofacial surgery which involve customized plating systems and screws. It is a cosmopolitan production with three editors from Germany, France and the USA, respectively, and 25 other contributors. Undoubtedly, the star billing must go to the medical illustrator Andreas Reinhardt who has produced 291 exceptional drawings of the face and facial skeleton. This is an illustrator of exceptional talent, whatever the clinical guidance he may have received. I enjoyed his modification of faces from well known paintings (often Albrecht Dürer) to illustrate clinical problems such as the surgical approaches to the facial skeleton—no copyright problems here one assumes. The text as one might expect is a variable feast—a fault with most multi-author texts. Often it is concise and instructive, as is the

excellent section on orthognathic surgery written by Dr Paul Stoelinga, but occasionally the descriptions are too sketchy to be useful and sometimes over elaborate. There are, for instance, five chapters on fixation of condylar neck fractures while mid-facial fractures are covered in five pages, albeit quite adequately for an atlas. The book is right up-to-date and includes sections on fixation after microvascular anastomosis of bone containing free flaps, good illustrations of distraction techniques and sensible debate on such matters as the case or otherwise for removing titanium plates. The book is not expensive considering the number and clarity of the diagrams—a very useful addition to the library of any maxillofacial department.

Peter Banks

### **Euro-Qual. European Orthodontic Quality Manual (1999)**

Editors: B. J. Nijö, A. Stenvik, R. S. Ireland and B. Prah-Andersen

Publisher: IOS Press, Amsterdam, The Netherlands

Price: NLG120, £38, DM107, US\$62

ISBN: 90-5199-478-8

In this era of new public management, providers of health services must establish their credibility by implementing quality management similar to that used by industry, but adapted to the particular characteristics of the professions. This book is essentially a collection of well organised, down-to-earth suggestions and forms for orthodontic practitioners who wish to embark upon the project of assessing, and consequently improving, the quality of the 'product' they deliver. The system is deceptively simple, the carefully selected 'indicators' to be recorded on each form cover the various phases of management of

the malocclusion, the progress and possible side effects of treatment, patient compliance and patient satisfaction. Flow diagrams with compact comments illustrate at which points in the treatment process the various forms can be used. There is an excellent 'How to get started?' appetiser. Following this subtle do-it-yourself manual, the orthodontic practitioner will easily find themselves captivated and motivated to introduce quality assessment in the management of many aspects of his/her daily routine.

Beni Solow

### **Strategies in Dental Planning and Treatment Diagnosis (1999)**

Author: Robert B. Morris

Publisher: Martin Dunitz Limited, London, UK

Price: £49.95

ISBN: 1-85317-568-4

This book claims to provide the dental student or general practitioner with a framework for rational diagnosis and treatment planning. It offers a number of strategies to approach problems, both simple and complex, that the general dentist is likely to face from time to time. The author's aim is to attempt to avoid 'the stiff, ponderous, formal style which is the curse of so many textbooks'

Dr Morris, who is an adjunct professor (clinical) from the Marquette University School of Dentistry in Milwaukee, Wisconsin, USA, has over a quarter of a century of clinical and teaching experience.

The first half of the book deals with the examination of the patient, including interviews, diagnosis, and treatment planning. In this series of chapters, the author focuses on making a routine and logical order of the examination and

diagnosis. The author's aim is not to demonstrate the best treatment plan, but to offer some creative ways of thinking about treatment planning and some strategies to employ in that process. These initial chapters are clearly written, and give useful advice to both undergraduates and postgraduates.

The second part of the book, with excellent cases illustrations, discusses orthodontic intervention, strategic extractions, reliance on key teeth, the use of cantilever bridges, hopeless teeth, managing complex dental treatment such as implants, telescope castings, and vertical dimensions, and finally planning for failure. A thorough description is provided, including in most cases long-term follow-up.

Six orthodontic case histories are presented. Three deal with correction of crossbites and three with uprighing of abutment teeth as preprosthetic

treatment in the adult patient. All patients were treated with removable appliances and the treatment itself was fairly simple.

Generally, the colour photographs, black and white radiographs, and line drawings are of good quality.

Although, the author's ambition was to avoid an exhaustive bibliography, it is somewhat disappointing that this was based on literature

(mostly textbooks) mainly written 10–20 years ago.

Overall, this is a rather inexpensive book, which will be particularly useful for the undergraduate dental student and, of course, the book will also find a space on the bookshelves of any general practitioner dentist.

Lars Bondemark