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## Atlas of Tooth and Implant Supported Prosthodontics

Ed. L.A. Weinberg  
Surrey: Quintessence, 2003  
price £81, pp220  
ISBN 0867154276

This extensive textbook has as its aim 'to describe practical, step-by-step procedures for tooth and implant supported prosthodontics that will improve long-term success'. It is more than a conventional atlas as there is a significant amount of text that is essential to read fully to appreciate the photographs and diagrams. With many years' experience, the author has developed a series of techniques to predictably control and develop the occlusion for cases requiring conventional and implant supported restorations. His strongly held belief that this will enhance long-term stability and success of restorations underpins most of the text and is to be strongly applauded.

Strangely the text starts with a detailed chapter on tooth preparations for porcelain veneers and anterior full crowns. This chapter feels out of place with the rest of the text. Further chapters then provide background information on articulators, occlusal concepts and the biomechanics of tooth and implant support.

The main thrust of the book is the difference in support and stability between tooth and implant supported restorations and the way these will interact when used in combination in the same restoration or reconstruction. Detailed instructions are given regarding occlusal adjustments to prevent implant restorations from being overloaded. The author favours the placement of moveable joints between implants and teeth if these need to be linked in the same restoration. Several recent research papers have shown that such connectors may raise complications and ideally

implant and tooth supported restorations should be independent.

Finally, there are several chapters on the clinical procedures for the construction of various implant restorations and the componentry available to the clinician. As with most textbooks the problem of manufacturers continually updating and changing their products has resulted in many of the illustrations showing components no longer available.

The quality of the illustrations is high and each chapter is referenced. This book is surely aimed at those heavily involved in implant reconstructions and as such will have a limited market.

L. Howe

## Involving the Public in NHS, Public Health, and Social Care Research: Briefing Notes For Researchers

B. Hanley, J. Bradburn, M. Barnes, *et al*  
UK: INVOLVE, 2004  
pp64  
ISBN 095412152X

I recently undertook some research for a primary care trust, and was irritated by a stream of minor queries about my method from lay members up the funding stream. 'Leave me alone' I was tempted to say, 'I know what I am doing.' But of course I was wrong. I should have welcomed the involvement of lay people, and this publication is a welcome reminder of that.

The booklet is designed for researchers with no previous experience of involving members of the public, and people who use services, as active partners in research. It defines who these people might be: patients, informal carers, parents/guardians, disabled

people, potential recipients of health promotion interventions, etc. This is the second edition, the first (2000) flowing from a workshop involving experts in the field.

The work is in four sections: an introduction (including 'why involve the public in research and development (R&D)?' and 'levels of public involvement in R&D'); in section two 'before you start'; section three 'involving the public at different stages of the R&D process'; in section four, checklists.

This is a comprehensive and easy-to-follow publication. The print is large and the font is airy with plenty of white space. It is well laid out and readers will be able to dip in and out to find what they need. It gives practical advice especially to the novice, but experienced researchers and commissioning organisations will find much to satisfy.

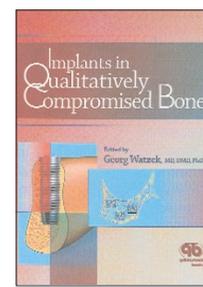
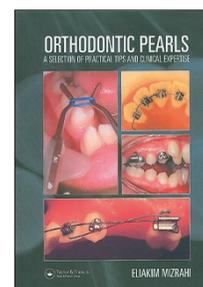
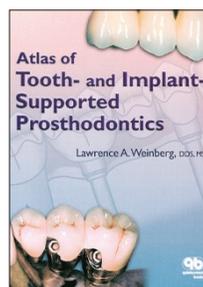
Being more a recipe book than a narrative, it is not really a publication to be read from cover to cover. A valuable book in an area of interest that is growing.

R. Lowry

## Orthodontic Pearls: A Selection of Practical Tips and Clinical Expertise

E. Mizrahi  
London: Taylor and Francis, 2004  
price £75, pp238  
ISBN 1841842524

*Orthodontic Pearls* is an attempt to fill gaps in a specialist orthodontist's education. It is about know-how rather than knowledge; the first half of the book covers practice administration, patient management and marketing, and the remainder is a selection of clinical tips gleaned from various contributors.



The opening chapter suggests guidelines in practice and operator design and makes several sensible points, as well as emphasising the importance of good staff attitude. The following three chapters deal quite comprehensively with the approach to managing and recording a new patient, including impression taking and clinical photography.

Chapter 5 stresses the absolute importance of case discussion, which is often overlooked, but vital in today's climate of informed consent. This is a most welcome section of the book, and covers record keeping and communication.

The next chapter goes on to set out the personal views of Winston Senior on marketing a private practice, and repeats some points previously mentioned. It ends with a section on patient compliance – so essential in orthodontics – and discusses the inter-relationships between child, parent, and operator. As suggested in Chapter 5, time spent in explanation and building rapport is invaluable.

The remainder of the book presents a series of clinical tips on fixed appliances, beginning with detailed advice on setting up a fixed appliance, from bonding, through bracketing to arch wire placement. There are some valuable 'pearls' here, especially the use of autoclave type in band cementation, and prevention of wire end trauma.

The perennial problem of distal movement of upper molars is considered, and three chapters focus on finishing and retention – which complete the clinical section. There is an extensive appendix of specimen pro forma letters and forms covering almost every eventuality encountered in practice.

This book is well produced, with clear print and diagrams. The text is liberally sprinkled with headings and highlighted pearls of wisdom. It is good to see a page devoted to oral hygiene, although the authors are over-confident about the average patient's ability to clean well. The use of jigs and headgear are explained in detail, and safety in headgear use emphasised. Chapter 10, on auxiliary

springs used in the Begg appliance, should be deleted altogether.

Overall, there are some useful tips throughout the book, but the layout would benefit from less repetition, and keeping topics together under major headings.

B. Selwyn-Barnett

## Implants in Qualitatively Compromised Bone

G. Watzek  
Surrey: Quintessence, 2004  
price £62, pp182  
ISBN 1850970505

This book attempts to look at the problems associated with compromised bone and its impact on dental implants. The editor is a renowned international figure who has published extensively on the subject and this is reflected in this comprehensive, well referenced text. The style of the book is very similar to Watzek's other works, offering beautiful illustrations and relying heavily on contemporary evidence throughout. The book is intended to provide a comprehensive review of current knowledge regarding implant placement in compromised bone for both the postgraduate student and also as a reference for established implant clinicians.

The first four chapters deal with factors affecting bone quality, mechanisms of bone formation and the structure and perfusion of compromised bone. The text constantly links the micro and macrostructural characteristics of bone to the problems encountered at a clinical level, drawing in the reader and assisting in the retention of information. At no point in the early science based chapters did reading become a chore. The book moves on to look at the problems in assessing bone quality and

considers a range of techniques that may be used pre-operatively, during surgery and at subsequent post operative follow up appointments.

In a logical progression, the surgical aspects of placing implants into compromised bone are covered, dealing with aspects of implant placement into bone of varying quality including grafted bone. Again, the contributors rely heavily on published literature to support the text. The macro and microstructural properties of the implant surface are explored, as is the timing of implant placement and functional loading.

A chapter is devoted to experimental approaches to bone regeneration, which again stimulates interest. This subject has received a lot of attention lately, and the presentation makes a refreshing change from the highly involved science that is usually put forward.

Age related changes in alveolar bone are considered in two separate chapters looking at implant placement in both the young and the old. Each patient group presents its own problems and these are dealt with in a systematic way. Particular attention is given to osteoporotic changes in the elderly and maxillomandibular growth in the younger patient. The book concludes with a well referenced chapter on the problems of implant placement in irradiated bone and the use of hyperbaric oxygen therapy.

Without doubt, this book satisfies its aims of providing a comprehensive review of implant placement into compromised bone, but it does so in a thought provoking and absorbing way. I think it will become a well-thumbed acquisition for both the established implant user and the postgraduate who is considering providing implant based treatment.

A. Summerwill