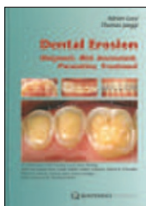


# Book reviews

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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## DENTAL EROSION: DIAGNOSIS, RISK ASSESSMENT, PREVENTION, TREATMENT



A. Lussi, T. Jaeggi (eds)  
UK: Quintessence  
price £51.00; pp 144  
ISBN 9781850972181

This slim, hardback volume is aimed at any dental practitioner looking to learn in depth about dental erosion.

The abundance of excellent clinical pictures throughout the seven chapters makes this book an easy read and a thorough step-by-step guide through the diagnosis, treatment and prevention of this common condition.

The first chapter is a short one-page introduction explaining the increasing occurrence of dental erosion and includes a checklist, which is printed on a separate loose sheet as well as in the book, allowing the reader to keep it handy during everyday practice. The other six chapters in the book go through the diagnosis of dental erosion, prevalence and localisation of erosion, aetiology and risk assessment, prevention, dental erosion in children and the restorative and reconstructive treatment of erosions.

The layout of each chapter is very clear, with key points highlighted in different colours and useful tables of information, allowing for easy reference. Most chapters end with detailed photographic case reports relevant to the topic at hand and this is especially useful in the last chapter. Here nine interesting cases are described using different methods for treatment. Direct composite reconstruction using splint technique, ceramic crowns, indirect resin composite overlays and veneers are all discussed in depth. The step-by-step

approach to different techniques allows the reader to understand the practical steps necessary in providing treatment.

The chapter on aetiology and risk assessment makes for interesting reading as the authors present dietary information in tables for comparison. There is also an example questionnaire to assess dietary habits that would be very useful for any practitioner aiming to treat this disease preventatively.

I would recommend this book to dental students and young practitioners as a handy guide to diagnose and prevent dental erosion in both adults and children, with plenty of information to broaden clinical skills in treating dental erosion. It would be a welcome addition to any dental library.

I. Sangani

## TOOTHWEAR: THE ABC OF THE WORN DENTITION



F. Khan, W. G. Young (eds)  
UK: Wiley-Blackwell  
price £49.99; pp 232  
ISBN 9781444336559

Tooth wear is a complex process and is fast becoming more prevalent in contributing to loss of dental hard tissue. This book collates a wealth of research and clinical cases combined with information on aetiology, diagnosis, prevention and treatment to provide a practical clinical guide for all dental practitioners. The editors, both practising clinicians, have authored and co-authored several books on dental wear and erosion. The 12 chapters in this book tackle the subject in a methodical fashion.

The book begins by giving an overview of the different types of tooth wear and discusses the multi-factorial nature of this process. The presentation, diagnosis and management of tooth wear in children and adults are discussed separately allowing the reader to appreciate the unique aetiological factors and management strategies of each patient group. Chapters on childhood tooth wear are further divided into age group, examining the aetiology and challenges associated with each one. A whole chapter is devoted to childhood diet and erosion, emphasising its significance. The majority of the remaining chapters are focused on the presentation of tooth wear in adults, salivary factors, diagnosis, prevention, methods of measurement, bio-materials and occlusion. Of particular interest to most practising clinicians are the final two chapters, dedicated to the restoration and rehabilitation of the worn dentition.

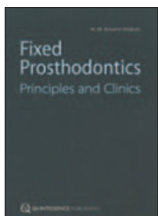
The text is easy to follow throughout due to the authors' use of uncomplicated language and the structure is similar to that of a clinical history. The diagrammatic representation of tooth wear given alongside clinical photos clearly illustrates its clinical presentation across the dentition. The text uses diagrams of the same format to represent the morphology of different tooth wear lesions and their clinical presentations allowing for easy comparison. There are numerous useful adjuncts for clinical history taking, as well as key prevention strategies included in the text which could be readily applied in a primary care setting.

The cases and associated photographs used in each chapter complement the text well, keeping a clinical context at the fore. In the latter chapters, which discuss

the challenges associated with restoring the worn dentition, the clinical cases demonstrate the stages of management in tooth wear patients from planning to clinical preparation, and laboratory stages to placement of final restorations. The illustrative clinical cases are more specialist in nature and are unlikely to be undertaken by most GDPs but give useful insight into treatment which may be undertaken in a secondary care environment. Overall, the book is a useful adjunct to any dental student or general dental practitioner who wishes to better understand clinical management of tooth wear.

E. Watt

**FIXED PROSTHODONTICS:  
PRINCIPLES AND  
CLINICS**



H. W. Anselm Wiskott  
UK: Quintessence  
price £90.00; pp 768  
ISBN 9781850972082

Written by an American-qualified dentist practising in Switzerland, this is a first edition text, which is comprehensive and easy to read. Although addressed to dental students, it also serves as an excellent resource for postgraduates, general practitioners and those with an interest in restorative dentistry.

The book contains 20 chapters that give the reader a broad summary of fixed prosthodontics and the necessary basic science. Early chapters (1-6) introduce the prosthodontic environment and the oral environment in relation to anatomy, pathophysiology, aesthetic factors, mastication, occlusion, materials and dental structures. Treatment planning is then discussed (chapter 7); the remainder of the book is then organised under the headings 'Pre-prosthetic phase' and 'Prosthetic phase and follow-up'. This layout allows the reader to learn the procedure(s) for the provision of fixed prosthetic restorations sequentially and methodically. In addition to the strategic, operational, and technical levels of prosthodontics, the interdisciplinary relationships between periodontics, orthodontics, operative dentistry and implantology are also discussed under these headings.

Each chapter establishes the relevant scientific background and then builds towards its clinical applications, promot-

ing an understanding of the concepts implemented at each stage of treatment. Both this and the sequence in which the chapters are arranged help introduce the reader to the concepts and terminology in an orderly fashion - something the author aimed to achieve. His vast clinical experience is evident throughout the text, but the style of writing helps simplify the concepts and the clinical stages which less experienced students and young dentists could potentially find difficult.

There are sections that document the historical background of certain topics. Some of these may no longer be clinically relevant, but they can be of interest and show how the profession has evolved should the reader find it appealing.

One of the book's great strengths is its numerous black and white, schematic illustrations which clarify the principles and clinical situations within the text further. Although they are a simplification of reality, they highlight the elements of fixed prosthodontic work in terms of their scientific basis and clinical adaptation. The book also contains radiographs, diagrams, charts, graphs, tables and clinical photographs; perhaps more photographs would be welcome in future editions.

I would highly recommend this reader-friendly book to students, teachers and restorative dentists.

J. Dickie

**MAXILLOFACIAL REHABILITATION:  
PROSTHODONTIC AND SURGICAL  
MANAGEMENT OF CANCER-  
RELATED, ACQUIRED, AND  
CONGENITAL DEFECTS OF THE  
HEAD AND NECK, 3RD EDITION**



J. Beumer III, M. T. Marunick,  
S. J. Esposito  
UK: Quintessence  
price £132.00; pp 468  
ISBN 9780867154986

A well-written, structured and presented text, this book feels comprehensive and solid in your hands. The aim of the authors is to present and discuss the varying and numerous techniques involved in prosthodontics and surgical management of facial defects, providing up-to-date material based on strong evidence and experience. The book is likely to appeal to a readership composed of

prosthodontics specialists, dental technicians, surgeons and those who have a keen interest in facial rehabilitation. As such, I would not recommend this is an undergraduate text.

Ordering the chapters into anatomical locations makes it easy to follow and practical to learn from. At the start of each chapter the supporting and background information is described which refreshes the reader's knowledge and helps to inform the prosthodontic and surgical sections that follow. Summaries at the end of each chapter also help the reader consolidate the main learning points. A strong evidence base is evident, with the supporting references given at the end of the chapter.

A real positive of this book is the number of excellent pictures showing the disease processes, planning and reconstruction phases which are integral and individual to every case. These are vital because maxillofacial rehabilitation is difficult and bland to visualise from text alone, the pictures thus giving weight and enrichment. However, one minor reservation is that the pictures are fairly small, yet one could also argue that the multi-step processes being described would be impossible to arrange on one page if the pictures were much bigger.

It is truly fascinating what is possible to achieve using modern techniques, with large, irregular maxillofacial defects almost made invisible. Indeed, the authors advocate a multi-disciplinary approach to rehabilitation, using prosthodontists, cancer surgeons and oncologists to achieve the best results. All chapters have been revised, reflecting advances over the last few years. To this end, two new chapters - 'Digital technology in maxillofacial rehabilitation' and 'Tissue engineering of maxillofacial tissues' - have been added to the textbook. These chapters are interesting prospects for the future, yet are firmly seated in the specialist field.

In summary, this is a beautifully constructed textbook from start to finish which presents a range of techniques in an accessible and informative manner. A valuable source of referral for anyone involved in maxillofacial rehabilitation, it certainly helps somewhat to diffuse the infamous phrase 'the cure was worse than the disease'.

D. Brierley