



Figure 5. Radiographic monitoring of the lower central incisors following endodontic surgery. The teeth had been apicect by the referring practitioner 1 month before referral. **(a)** Radiographic appearance 1 month after surgery. **(b)** Appearance at 1 year. The teeth had remained symptom-free and the radiolucent area appears to have decreased in size. **(c)** At four years a discharging sinus had appeared, the affected teeth had become mobile and the radiolucent area had increased considerably.

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BOOK REVIEW

Osseointegration and Esthetics in Single Tooth Rehabilitation. By C. E. Francischone, L. W. Vasconcelos and P.-I. Brånemark. Quintessence Publishing Co. Inc., New Malden, 2000 (201pp., £67.00 h/b). ISBN 85-87425-35-8.

This glossy, hardback book of 16 chapters, written by three authors, contains contributions from five Swedish, one American and six Brazilian implantologists. The easy to read text contains numerous references throughout guiding the reader to publications in related topics. The text discusses the restoration of single units using Nobel Biocare implants.

The introductory chapter introduces the concept of osseointegration and the subsequent chapter outlines the results of a multicentre study of 130 fixtures. This study assessed a custom-made Nobel Biocare implant with a polished conical neck; 89 such fixtures were placed in ossified sockets and 41 fixtures in sockets of freshly extracted teeth. The chapter is written in the format of a journal article but fails to

utilize the opportunity to compare the two discreet groups of patients in terms of bone loss and failure to integrate. This chapter, however, does highlight the potential risk of failure posed if the nasopalatine vessels come in contact with an implant fixture.

Some chapters in this book are too brief and fail to cover the topic fully, particularly Chapter 3, which addresses general considerations in single tooth rehabilitation. One such issue that is not adequately covered is the minimum space required for the placement of a single tooth implant both between neighbouring natural teeth and buccolingually. The problems regarding inclination of the implant, particularly in the anterior maxilla, also receives only scant attention.

The choice of abutment and the restorative procedures used in single implant placement are covered extensively in Chapters 6–10 and 13. The various Nobel Biocare prosthetic single unit abutments are discussed and shown clinically in use.

The use of autogenous bone grafts is discussed in Chapter 14, however, although the use of cortical block grafts is adequately covered, the use of

autogenous bone chips or non-autogenous materials are not considered.

The fixture level impression technique is discussed in the penultimate chapter. The benefits and possible techniques for this are not discussed fully, rather a series of case presentations are provided. The final chapter of the book is almost an advert for the Procera system. The advantages and disadvantages of this technology are not fully discussed.

Overall, this book covers many clinical Nobel Biocare cases but suffers from the limited number of line drawings explaining points of technique. The quality of clinical pictures and the range of Brånemark fixtures that can be used in single tooth rehabilitation are comprehensively covered, however this book could only be considered as being an initial introduction to the use of Nobel Biocare implants. It is not comprehensive enough to be considered as a textbook covering the issues surrounding the placement of single teeth implants.

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