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Oral radiosurgery. An illustrated clinical guide, 3rd edition (2005)

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This comprehensive guide to oral radiosurgery was first published in 1992 and is now in its third edition. Radiosurgery is the terminology applied to the most advanced form of electrosurgery which operates at a high-frequency radiowave of 3–4 MHz. Electrosurgery operates at a lower frequency leading to increased heat formation.

This book may be divided into two main sections. The first 50 pages cover the principle, theory, and equipment, and the second 130 pages the techniques and application of radiosurgery in dentistry.

The guide seems to have been written for the US market, but this should not detract from an excellent first section. This is well written, clear, and informative. The use of illustrations and tables make for easy reading. The chapter referring to health and safety concerns is current and pertinent.

The second section is more in the format of an illustrated guide. This works well for the demonstration of the techniques. However, not all practitioners may agree with some of the applications. For instance,

I am sure that many would agree that revising an endodontic treatment carried out with a silver point would be preferable to an apicectomy. Some of the clinical procedures could have been carried out by more conservative means, but illustrate very well what radiosurgery can achieve.

The orthodontist will be interested in the application of radiosurgery in the exposure of impacted and unerupted teeth and the management of prominent fraenums.

The paedodontist will also be interested in the role of radiosurgery in pulpotomies.

This book gives a clear account of the field of radiosurgery. It is suitable for both undergraduate and postgraduate practitioners. I can thoroughly recommend this book as an informative read, especially to those using radiosurgery in clinical practice.

Guy Palmer