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Author/s:

Evans, M

Title:

Ingle's Endodontics 7

Date:

2020-04

Citation:

Evans, M. (2020). Ingle's Endodontics 7. DENTAL TRAUMATOLOGY, 36 (2), pp.215-215.
<https://doi.org/10.1111/edt.12546>.

Persistent Link:

<https://hdl.handle.net/11343/275412>

DR MARK EVANS (Orcid ID : 0000-0002-6558-9966)

Article type : Mini Review

Corresponding author mail id:- evansmd@bigpond.net.au

Book Review: Ingle's Endodontics 7

PMPH USA, Ltd. Raleigh, North Carolina, USA, 2019.

Edited by Ilan Rotstein and John Ingle

The 7th edition of this textbook marks the 50th anniversary of one of the most influential and enduring textbooks in the field of Endodontics. The 7th edition is the most recent iteration of the textbook, which was first published in 1965 by John Ingle. In a nod to the first edition, and fittingly for a 50th anniversary, it has a bright yellow cover (similar to the 1st edition). Due to the vast amount of information contained in the book it is now supplied in two volumes. This edition, which was edited by Ilan Rotstein and John Ingle, has contributions from 86 authors, all of whom are recognized experts in their fields and it is logically presented over 40 chapters. Due to the wide-ranging and detailed content of the two volumes, the book has been broken up into three main themes: The Science of Endodontics, The Practice of Endodontics, and Interdisciplinary Endodontics.

This is the author manuscript accepted for publication and has undergone full peer review but has not been through the copyediting, typesetting, pagination and proofreading process, which may lead to differences between this version and the [Version of Record](#). Please cite this article as [doi: 10.1111/EDT.12546](https://doi.org/10.1111/EDT.12546)

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The first theme, The Science of Endodontics, consists of seven chapters, which are in-depth reviews of the basic principles of Endodontics. This includes anatomy, the structure and function of the pulp and surrounding hard tissues as well as pulp and periapical diseases and their causes. There are also excellent chapters discussing pulp and periapical inflammation, immunological responses plus dental innervation and pain of pulp origin.

The second theme, The Practice of Endodontics, is organized into sections discussing diagnosis, clinical decision making, clinical management and prognosis. These sections are further broken down into 27 chapters covering every conceivable aspect of Endodontic treatment. Arguably, one of the areas of greatest change in Endodontics since the 6th edition of the book is the multitude of new imaging techniques available. Cone Beam Computed Tomography, Magnetic Resonance Imaging and Ultrasound are all discussed in detail, as is interpretation of these imaging techniques.

Regenerative Endodontics has also progressed significantly since the 6th edition so there is a comprehensive chapter covering this subject in the Management section. There are well written chapters on every aspect of Endodontic care, all with high quality photographs, radiographs and logical flow diagrams. Many clinical cases with long-term follow-up are used to illustrate treatment objectives and clinical decision making. The Practice of Endodontics theme is aimed at experienced and enthusiastic practitioners who want a deeper understanding of treatment modalities. It is presented in a very logical manner with considered and well-referenced information. Each chapter has a thorough, contemporary reference list at the end for readers who may like to do further research into a particular subject.

The third theme, Interdisciplinary Endodontics, is important in that it highlights the discipline of Endodontics and its relevance within dentistry as a whole, rather than looking at it in isolation. This section expertly covers important topics such as the restoration of endodontically treated teeth using contemporary materials. There are also comprehensive chapters covering areas such as tooth discoloration and

bleaching, Endodontics for pediatric and geriatric patients as well as periodontal and orthodontic considerations. Incorporating an interdisciplinary theme into this textbook is a masterful way of making Endodontics relevant for the reader in the day-to-day practice of dentistry.

The quality and production of this book is excellent, from the high-resolution photographs, radiographs and figures, to the printing and binding of the books themselves. This textbook has the benefit of half a century of evolution and is a credit to the memory of John Ingle. Ilan Rotstein is to be commended for pulling together the world's leading experts to produce a comprehensive source of information on every aspect of the discipline of Endodontics. *Ingle's Endodontics 7* is an excellent textbook for Endodontists, graduate students and dentists with a keen interest in Endodontics.

Mark Evans, MSc MRACDS(Endo) FPFA FADI FICD
Melbourne Dental School
The University of Melbourne
Melbourne, Australia