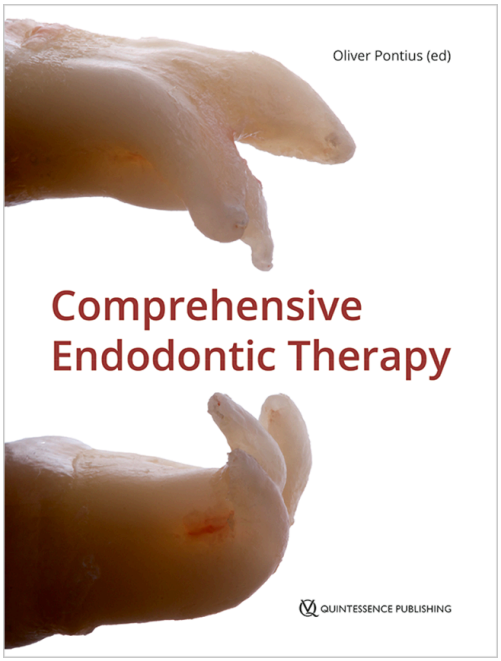
QUINTESSENCE PUBLISHING
AUSTRALIA & NEW ZEALAND



Edition:	1st Edition 2026
pages:	520
Images:	1321
Cover:	Hardcover; 21 x 28 cm
ISBN:	978-1-78698-150-9
Stock No.:	978-1-78698-150-9
Published:	October 2025

Price $420.00
Subject to changes!

QuintEd Pty Ltd

Suite 2/38 Albany St
NSW 2065 St Leonards
Australia

+61 434521025

admin@quinted.com.au

https://www.quintessence-publishing.com/anz/en

Book information

Editor: Pontius, Oliver Johannes

Title: Comprehensive Endodontic Therapy

Short text:

This comprehensive guide, edited by Dr Oliver Pontius and co-authored by world-leading international authorities in their respective fields, has been designed for general dental practitioners, postgraduate dental students, and clinicians in other fields of dentistry. It is an up-to-date overview of endodontic knowledge and techniques, providing all the clinically relevant information to incorporate endodontics into general dental practice, emphasizing the relationship of endodontics with other dental disciplines. The book, enhanced by clear visuals and clinical protocols, is divided into six sections: the science of endodontics, diagnosis, advances in materials and technology, the practice of endodontics, prognosis, and interdisciplinary endodontics. Great importance has been afforded to diagnosis and treatment planning, allowing patient autonomy to make the final decision and always respecting what is in the patient's best interest. Anyone interested in predictable endodontics based on cuttingedge research and sound clinical data should consider reading this book.

Contents

Part A. The Science of Endodontics
Chapter 01. Keeping the Pulp Alive with Pulp Capping and Pulp Chamber Pulpotomy
Chapter 02. Microbiology of Endodontic Infections
Chapter 03. Understanding and Managing Apical Periodontitis
Chapter 04. Cell-based and Cell-free Regenerative Endodontics

Part B. Diagnosis
Chapter 05. Endodontic Diagnosis
Chapter 06. Radiology of Apical Periodontitis, Differential Diagnosis of Nonodontogenic Cystic Lesions
Chapter 07. Differential Diagnosis of Orofacial Pain

Part C. Advances in Materials and Technology
Chapter 08. NiTi Instruments in Endodontics
Chapter 09. Calcium Silicate-based Hydraulic Cements in Endodontics

Part D. The Practice of Endodontics
Chapter 10. The Aseptic Working Field
Chapter 11. Endodontic Emergencies
Chapter 12. Cleaning and Shaping Root Canal Systems
Chapter 13. Irrigation and Disinfection of the Root Canal System
Chapter 14. Lasers for Root Canal Cleaning and Disinfection
Chapter 15. Philosophy of Filling Roots
Chapter 16. Carrier-based Obturation
Chapter 17. Endodontic Retreatment
(a) Decision making in Endodontic Retreatment
(b) Endodontic Retreatment Procedures
(c) Predictable and Minimally Invasive Instrument Removal
Chapter 18. Microsurgical Endodontics
Chapter 19. Intentional Replantation
Chapter 20. Predictable Autotransplantation
Chapter 21. Traumatic Dental Injuries of Permanent Teeth
Chapter 22. Resorption of Permanent Teeth

Part E. Prognosis
Chapter 23. Factors Impacting the Outcomes of Nonsurgical Root Canal Treatments

Part F. Interdisciplinary Endodontics

Chapter 24. Maxillary Sinus Implications in Endodontics
Chapter 25. Endodontic–Periodontal Interaction
Chapter 26. The Endo–Restorative Interface
Chapter 27. Endodontics or Implants – Decisive Criteria and Guidelines for Single Tooth Restorations and Full-arch Reconstructions
Chapter 28. Endodontic Medicine

With contributions from:

Francesc Abella Sans • Hacer Aksel • Khalid AlHezaimi • Michael Arnold • Bettina Basrani • Elio Berutti • João Filipe Brochado Martins • Daniel Cabanillas-Balsera • Josette Camilleri • Arnaldo Castellucci • Sami Chogle • Elisabetta Cotti • Paul MH Dummer • Markus Haapasalo • George TJ Huang • Kisa Iqbal • Laurence Jordan • Ethan T Kolderman • Gabriel Krastl • Samuel I Kratchman • Jenifer Martín-González • Maarten Meire • Riccardo Monterubbianesi • Venkateshbabu Nagendrababu • Terrell F Pannkuk • Angelo Putignano • Matthias J Roggendorf • Ilan Rotstein • Elia Schirru • Juan J Segura-Egea • Juan J Segura-Sampedro • Frank C Setzer • Hagay Shemesh • Ya Shen • Jae M Shin • Stéphane Simon, Roderick W Tataryn • Yoshi Terauchi • Vincenzo Tosco • Roland Weiger • Garrett W Wingrove • Nicola U Zitzmann

Categories: Endodontics