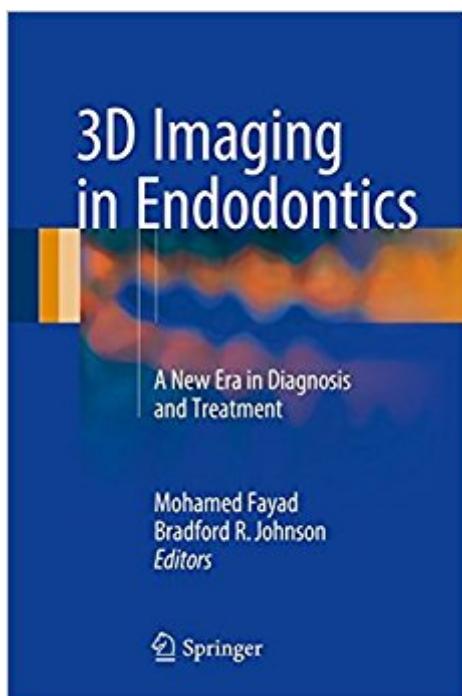


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3D Imaging In Endodontics: A New Era In Diagnosis And Treatment



Synopsis

This book is designed to provide the reader with a full understanding of the role of cone beam computed tomography (CBCT) in helping to solve many of the most challenging problems in endodontics. It will shorten the learning curve in application of this exciting imaging technique in a variety of contexts: difficult diagnostic cases, treatment planning, evaluation of internal tooth anatomy prior to root canal therapy, nonsurgical and surgical treatments, early detection and treatment of resorptive defects, and outcomes assessment. The ability to obtain an accurate 3D representation of a tooth and the surrounding structures by means of noninvasive CBCT imaging is changing the approach to clinical decision making in endodontics. Clinicians long accustomed to working in very small, three-dimensional spaces are no longer constrained by the limitations of two-dimensional imaging. The challenges of mastering the new technology can, however, be daunting. The detailed guidance contained in this book will help endodontists to take full advantage of the important benefits offered by CBCT. â ¤

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Mohamed I. Fayad, BDS, MS, PhD, is Assistant Clinical Professor in the College of Dentistry at the University of Illinois at Chicago, Chicago, USA. Dr. Fayad graduated from the Faculty of Oral and Dental Medicine, Cairo University, Egypt in 1985 and subsequently gained his Masters and Doctorate in Endodontics from the same university. He completed further postgraduate studies in the Department of Endodontics, College of Dentistry, University of Illinois before joining the Department professionally in 2000. Since that time his private practice has been limited to endodontics. Dr. Fayad is a Diplomate of the American Board of Endodontists. From 2004 to 2006 he was a member of the Research and Scientific Affairs Committee of the American Association of Endodontists and in 2013–2014 he served as President of the Illinois Association of Endodontists. He is also a past president of the Edgar D. Coolidge Endodontic Study Club. Dr. Fayad has given many scientific presentations at national and international meetings and is the author of 16 articles in peer-reviewed journals. Bradford R. Johnson, DDS, MHPE, is Head of the Department of Endodontics, College of Dentistry at the University of Illinois at Chicago, Chicago, USA, where he is an Associate Professor and Director of Postdoctoral Endodontics. Dr. Johnson has engaged in clinical practice limited to endodontics since 1991 and is proficient in all phases of nonsurgical and surgical endodontics. He is a Diplomate of the American Board of Endodontics, a Fellow of the American Dental Education Association Leadership Institute, a Fellow of The Odontographic Society of Chicago, and a Fellow of the International College of Dentists. Dr. Johnson is a Director and board member of the American Association of Endodontists (2015–2018), and a past chair of their Evidence-Based Endodontics Committee (2009–11) and Research and Scientific Affairs Committee (2002–3). He has also been President of the Illinois Association of Endodontists (2002–3) and the Edgar D. Coolidge Endodontic Study Club (2007–8). Dr. Johnson has been a member of the Scientific Advisory Panel of the Journal of Endodontics since 2003. He is the author of more than 30 articles in peer-reviewed journals.

This book is very well written and the information provided on CBCT usage in the Field of Endodontics is excellent!

The best book on Cone Beam Endodontic utilization I have read!

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