

Cone Beam Computed Tomography in Endodontics



Shanon Patel
Simon Harvey
Hagay Shemesh
Conor Durack

 QUINTESSENCE PUBLISHING

Edition: 1st Edition 2016
pages: 144
Images: 493
Cover: Hardcover, 21 x 28 cm
ISBN: 978-1-85097-291-4
Stock No.: 19981
Published: March 2016

Price
Subject to changes!

12,00 €

Book information

Editor: Patel, Shanon / Harvey, Simon / Shemesh, Hagay / Durack, Conor

Title: Cone Beam Computed Tomography in Endodontics

Short text:

Conventional radiography has well-documented limitations when it comes to endodontic diagnosis and treatment planning, and CBCT overcomes many of these limitations. However, its use is often underemphasized and misunderstood by clinicians familiar with the concepts of conventional radiography. This book provides an essential overview of CBCT, from the physics of radiation to the mechanics of the machine to the interpretation of images, thereby offering clinicians and students a sound foundation for using this modality. It also provides a comprehensive discussion of the many applications of CBCT in clinical endodontics, including assessment of anatomy, diagnosis of apical periodontitis, retreatment, trauma, resorption, and vertical fracture. Throughout, the authors emphasize proper case selection and include many references to provide an evidence-based approach and framework for the use of CBCT in endodontics.

Contents

Chapter 01. The Limitations of Conventional Radiography and Adjunct Imaging Techniques
Chapter 02. Radiation Physics
Chapter 03. Cone Beam Computed Tomography
Chapter 04. Using CBCT: Dose, Risks and Artefacts
Chapter 05. Dentoalveolar Anatomy
Chapter 06. Assessment of Root Canal Anatomy
Chapter 07. Apical Periodontitis
Chapter 08. Non-surgical and Surgical Re-treatment
Chapter 09. Traumatic Dental Injuries
Chapter 10. Root Resorption
Chapter 11. Vertical Root Fractures

Categories: Endodontics, Student literature

Quintessenz Verlags-GmbH

 Ifenpfad 2-4
12107 Berlin
Germany

 +49 (0) 30 / 76180-5

 +49 (0) 30 / 76180-680

 info@quintessenz.de

 <http://nginx/deu/de>