1. Record Nr. UNINA9910300328003321

Titolo	Cone beam CT and 3D imaging : a practical guide / / Pietro Caruso, Enzo Silvestri, Luca Maria Sconfienza, editors ; foreword by Giacomo Garlaschi
Pubbl/distr/stampa	Milan : , : Springer, , 2014
ISBN	88-470-5319-6
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (vii, 153 pages) : illustrations (some color)
Collana	Gale eBooks
Disciplina	617.60754
Soggetti	Teeth - Imaging Mouth - Imaging Teeth - Diseases - Diagnosis Mouth - Diseases - Diagnosis Tomography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1 CBCT Systems and Imaging Technology, Cone Beam CT, Other Radiological Techniques, Notes for the Use of CBCT (Radiation Dose) -- 2 Clinical Indications, Implant Dentistry, Dental Anomalies, Inflammatory and Degenerative Diseases, Tumors, Temporomandibular Joint Imaging, Paranasal Sinuses Disorders -- 3 Basic CBCT Anatomy, The Skull, Nasal Cavity, Paranasal Sinuses, Teeth, Dental Anatomy, Dental Tissues, Odontostomatological Trigeminal Nerves, Temporomandibular Joint -- 4 Exam Technique.- 5 Post-processing, 2D/3D Reformat and Dedicated Software for Implantology, Planar Images and 3D Rendering, Dental Arch and Panoramic Images, Cross Sections and Mandibular Nerve Evaluation -- 6 Cases Presentation and Discussion, Paranasal Sinuses, Inflammatory Diseases, Benign Neoplastic Lesions, Dysodontiasis, Dental Implantology, Miscellaneous Dental Diseases.
Sommario/riassunto	Cone beam computed tomography (CBCT) has become the standard of reference in dental imaging. The distribution of CBCT devices is increasingly wide, and the number of required examinations is constantly growing. In this setting, it is now essential that medical and

technical staff receive specific training in the use of CBCT and that technical guidelines for CBCT examinations are established. This clearly structured book on CBCT will be an ideal aid in daily clinical practice. It clearly explains basic CBCT anatomy, examination technique, and the use of 3D reformatting software. A wide range of cases are presented, covering the most frequent and relevant conditions and pathologies, including dental anomalies, inflammatory and degenerative disease, tumors, and implants.