Diagnostic Accuracy of Cone-beam Computed Tomography and Conventional Radiography on Apical Periodontitis: A Systematic Review and Meta-analysis
(http://www.sciencedirect.com/science/article/pii/S0099239915011450)
Key Words: dental radiography; diagnosis; meta-analysis; periapical periodontitis; review; sensitivity; specificity; X-ray computed tomographic imaging

Role of Cone-beam Computed Tomography in Diagnosis of Vertical Root Fractures: A Systematic Review and Meta-analysis
Key Words: Cone-beam computed tomography; diagnostic imaging; meta-analysis; root canal therapy; tooth fractures

Patient movement and motion artefacts in cone beam computed tomography of the dentomaxillofacial region: a systematic literature review
(http://www.sciencedirect.com/science/article/pii/S2212440315013449)
Keywords: patient movement; motion artefacts; cone beam CT; radiographic

Cone-beam Computed Tomography for Detecting Vertical Root Fractures in Endodontically Treated Teeth: A Systematic Review
Journal of Endodontics, Available online 26 November 2015, ISSN 0099-2399.
(http://www.sciencedirect.com/science/article/pii/S0099239915009036)
Key Words: Cone beam computed tomography; diagnosis; review literature as topic; tooth fractures

Radiologic Assessment of the Periodontal Patient
Dental Clinics of North America, Volume 60, Issue 1, January 2016, Pages 91-104, ISSN 0011-8532.
(http://www.sciencedirect.com/science/article/pii/S0011853215000919)
Radiographic caries detection: A systematic review and meta-analysis, Journal of Dentistry, Volume 43, Issue 8, August 2015, Pages 924-933. (http://www.sciencedirect.com/science/article/pii/S0300571215000494) Keywords: Bitewing; Caries; Dental; Radiography


Cone Beam Computed Tomography Scanning and Diagnosis for Dental Implants Oral and Maxillofacial Surgery Clinics of North America, Volume 27, Issue 2, May 2015, Pages 185-202 (http://www.sciencedirect.com/science/article/pii/S1042369915000035) Keywords: CBCT; Oral and maxillofacial surgery; Dental implants

Three-Dimensional Imaging and Guided Surgery for Dental Implants, Dental Clinics of North America, Volume 59, Issue 2, April 2015, Pages 265-290 (http://www.sciencedirect.com/science/article/pii/S0011853214001566) Keywords: Computed tomography/cone beam computed tomography; Dental implants; Computer-aided design; Computer-aided manufacturing; Guided Surgery Applications


Use of Cone-Beam Computed Tomography in Early Detection of Implant Failure

Dental Clinics of North America, Volume 59, Issue 1, January 2015, Pages 41-56 (http://www.sciencedirect.com/science/article/pii/S0011853214001049) Keywords: Cone-beam computed tomography (CBCT); Postimplant assessment; Implant failure assessment

The role of diffusion-weighted magnetic resonance imaging in the diagnosis, lymph node staging and assessment of treatment response of head and neck cancer International Journal of Oral and Maxillofacial Surgery, Volume 44, Issue 1, January 2015, Pages 1-7 (http://www.sciencedirect.com/science/article/pii/S0901502714003415) Key words: diffusion-weighted magnetic resonance imaging; MRI; head and neck cancer; oncology; radiology


Basic Principles of Cone Beam Computed Tomography Dental Clinics of North America, Volume 58, Issue 3, July 2014, Pages 463-484 (http://www.sciencedirect.com/science/article/pii/S001185321400263) Keywords: Cone beam computed tomography; Flat-panel silicon detector; DICOM viewer software; Beam-hardening artifacts

Artifacts Interfering with Interpretation of Cone Beam Computed Tomography Images
(http://www.sciencedirect.com/science/article/pii/S0011853214000354)
Keywords: Cone beam computed tomography; Artifacts; Beam hardening; Metal artifact; Image noise

Cone Beam Computed Tomography Updated Technology for Endodontic Diagnosis
Dental Clinics of North America, Volume 58, Issue 3, July 2014, Pages 523-543
(http://www.sciencedirect.com/science/article/pii/S0011853214000275)
Keywords: Cone beam computed tomography; Radiographic diagnosis; 3-dimensional radiology; Radiographic outcome assessment; Root canal morphology; Endodontic diagnosis; Apical periodontitis

Endodontic Applications of Cone Beam Computed Tomography
Dental Clinics of North America, Volume 58, Issue 3, July 2014, Pages 545-559
(http://www.sciencedirect.com/science/article/pii/S0011853214000287)
Keywords: Cone beam computed tomography; Implantology; Surgical implant placement; Imaging modality

Cone Beam Computed Tomography for the Nasal Cavity and Paranasal Sinuses
Dental Clinics of North America, Volume 58, Issue 3, July 2014, Pages 627-651
(http://www.sciencedirect.com/science/article/pii/S0011853214000317)
Keywords: Paranasal sinuses; CBCT; Anatomic variant; Sinus pathology

Update on Cone Beam Technology and Orthodontic Analysis
(http://www.sciencedirect.com/science/article/pii/S0011853214000329)
Keywords: CBCT technology; Orthodontics; Translation in orthodontics

Liabilities and Risks of Using Cone beam Computed Tomography
(http://www.sciencedirect.com/science/article/pii/S0011853214000330)
Keywords: Cone beam CT; Standard of care; Medicolegal; Liability; Malpractice; Licensing; Interpretation

Reporting Findings in the Cone Beam Computed Tomography Volume
(http://www.sciencedirect.com/science/article/pii/S0011853214000342)
Keywords: Cone beam computed tomography; CBCT; Diagnostic; Reporting; Liability; Interpretation

Nuclear Medicine Imaging Studies in the Diagnosis of Head and Neck Disease
(http://www.sciencedirect.com/science/article/pii/S1042369914000119)
Keywords: PET/CT; Drug-induced osteonecrosis of the jaw (DIONJ); Nuclear medicine imaging; FDG

Magnetic Resonance Imaging (MRI) in the Diagnosis of Head and Neck Disease
(http://www.sciencedirect.com/science/article/pii/S1042369914000144)
Keywords: Perineural spread; Brachial plexus; Orbital cellulitis; Head and neck disease; MRI

Digital Imaging and Fabrication
Dental Clinics of North America, Volume 58, Issue 1, January 2014, Pages 135-158
(http://www.sciencedirect.com/science/article/pii/S0011853213001006)
Keywords: Digital; Imaging; Fabrication; Bioceramics

Radiographic Stents: Integrating Treatment Planning and Implant Placement
Dental Clinics of North America, Volume 58, Issue 1, January 2014, Pages 181-192
(http://www.sciencedirect.com/science/article/pii/S0011853213000967)
Keywords: Radiographic stents; Dental implants; Osseointegration; Treatment planning

**Responsible and Prudent Imaging in the Diagnosis and Management of Facial Fractures**
(http://www.sciencedirect.com/science/article/pii/S1042369913000976)
Keywords: Maxillofacial trauma; Computer planning; Navigation; Computer-aided surgery; Facial fracture

**Diagnostic Imaging for Temporomandibular Disorders and Orofacial Pain**
Dental Clinics of North America, Volume 57, Issue 3, July 2013, Pages 405-418
(http://www.sciencedirect.com/science/article/pii/S0011853213000335)
Keywords: Imaging; Cone beam computed tomography; CBCT; Orofacial pain; Temporomandibular disorders; Diagnostic imaging; Temporomandibular joint

**Prospects and challenges of rendering tissue density in Hounsfield units for cone beam computed tomography**
Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, Volume 116, Issue 1, July 2013, Pages 105-119

**Recent advances of ultrasound imaging in dentistry – a review of the literature**
Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, Volume 115, Issue 6, June 2013, Pages 819-832
(http://www.sciencedirect.com/science/article/pii/S2212440313001727)

**Contemporary Management of Horizontal Root Fractures to the Permanent Dentition: Diagnosis—Radiologic Assessment to Include Cone-Beam Computed Tomography**
(http://www.sciencedirect.com/science/article/pii/S0099239912010023)
Key Words: CBCT; diagnosis; horizontal root fracture