

CITATION REPORT

List of articles citing

Influence of CBCT exposure conditions on radiation dose

DOI: 10.1016/j.tripleo.2007.12.019

Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2008, 105, 773-82.

Source: <https://exaly.com/paper-pdf/44023262/citation-report.pdf>

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
122	Image distortion and spatial resolution of a commercially available cone-beam computed tomography machine. 2008 , 134, 573-82		120
121	Evaluation of radiation dose delivered by cone beam CT and tomosynthesis employed for setup of external breast irradiation. 2009 , 36, 164-73		25
120	Regarding "Influence of CBCT exposure conditions on radiation dose". <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2008 , 106, 627-8; author reply 628-9		3
119	Use of cone beam computed tomography in endodontics. 2009 , 2009, 634567		170
118	Evaluation of volumetry and density of mandibular symphysis bone grafts by three-dimensional computed tomography. 2009 , 25, 475-9		18
117	Cone beam CT for diagnosis and treatment planning in trauma cases. 2009 , 53, 717-27, vi-vii		31
116	Comparison of radiation dose for implant imaging using conventional spiral tomography, computed tomography, and cone-beam computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, 559-65		78
115	Cone beam CT in dental practice. 2009 , 207, 23-8		84
114	Modern dental imaging: a review of the current technology and clinical applications in dental practice. 2010 , 20, 2637-55		117
113	Measuring the airway in 3 dimensions: A reliability and accuracy study. 2010 , 137, S50.e1-S50.e9		67
112	Practice-based cone-beam computed tomography: a review. 2010 , 17, 161-7		8
111	A novel alignment device for cone beam computed tomography: principle and application. <i>Dentomaxillofacial Radiology</i> , 2010 , 39, 375-82	3.9	1
110	A comparative study of the effective radiation doses from cone beam computed tomography and plain radiography for sialography. <i>Dentomaxillofacial Radiology</i> , 2010 , 39, 257-63	3.9	23
109	Advanced techniques for detecting lesions in bone. 2010 , 54, 215-35		19
108	Assessment of linear measurements of bone for implant sites in the presence of metallic artefacts using cone beam computed tomography and multislice computed tomography. 2011 , 40, 845-50		21
107	Significant reduction in dental cone beam computed tomography (CBCT) eye dose through the use of leaded glasses. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 112, 502-7		26
106	Safe and effective cone beam computed tomography. 2011 , 7, 80-84		

105	[Comparison of a dental cone beam CT with a multi-detector row CT on effective doses and physical image quality]. 2011 , 67, 25-31		2
104	Update on 2D and 3D digital imaging in orthodontics. 2011 , 4, 6-13		1
103	Assessment of mini-implant displacement using cone beam computed tomography. 2011 , 22, 1151-1156		37
102	Measuring buccolingual inclination of mandibular canines and first molars using CBCT. 2011 , 14, 168-74		26
101	Reliability of circumferential bone level assessment around single implants in healed ridges and extraction sockets using cone beam CT. 2013 , 15, 661-72		21
100	Airway volume for different dentofacial skeletal patterns. 2011 , 139, e511-21		127
99	Cone-beam computed tomography to detect erosions of the temporomandibular joint: Effect of field of view and voxel size on diagnostic efficacy and effective dose. 2011 , 140, e25-30		77
98	A suggested technique for the application of the cone beam computed tomography periapical index. <i>Dentomaxillofacial Radiology</i> , 2011 , 40, 506-12	3.9	16
97	Effect of electric potential and current on mandibular linear measurements in cone beam CT. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 578-82	3.9	18
96	Three-dimensional segmentation of the upper airway using cone beam CT: a systematic review. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 276-84	3.9	69
95	Three dimensional quantification of mandibular bone remodeling using standard tessellation language registration based superimposition. 2013 , 24, 1273-9		16
94	Dose reduction of cone beam CT scanning for the entire oral and maxillofacial regions with thyroid collars. <i>Dentomaxillofacial Radiology</i> , 2012 , 41, 373-8	3.9	28
93	Endodontic application of cone-beam computed tomography in South Korea. 2012 , 38, 153-7		12
92	E.A.O. guidelines for the use of diagnostic imaging in implant dentistry 2011. A consensus workshop organized by the European Association for Osseointegration at the Medical University of Warsaw. 2012 , 23, 1243-53		180
91	Cone-beam computed tomography and radiographs in dentistry: aspects related to radiation dose. 2012 , 2012, 813768		62
90	Impact of voxel size variation on CBCT-based diagnostic outcome in dentistry: a systematic review. 2013 , 26, 813-20		95
89	Clinical recommendations regarding use of cone beam computed tomography in orthodontics. [corrected]. Position statement by the American Academy of Oral and Maxillofacial Radiology. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2013 , 116, 238-57	2	207
88	Periodontal Disease Diagnosis Using Cone Beam Computed Tomography. 2013 , 249-269		1

87	Three-dimensional pharyngeal airway changes in orthodontic patients treated with and without extractions. 2013 , 16, 87-96		25
86	Three-dimensional cone beam computed tomography definition of the anatomical subregions of the upper airway: a validation study. 2013 , 42, 1140-9		71
85	A survey of the first 6 years of experience with cone beam CT scanning in a teaching hospital orthodontic department. 2013 , 40, 14-21		8
84	Reply: To PMID 22045695. 2013 , 35, 272		1
83	A preliminary study to determine the diagnostic reference level using dose-area product for limited-area cone beam CT. <i>Dentomaxillofacial Radiology</i> , 2013 , 42, 20120097	3.9	11
82	Influence of lead apron shielding on absorbed doses from panoramic radiography. <i>Dentomaxillofacial Radiology</i> , 2013 , 42, 20130302	3.9	13
81	Precision of identifying cephalometric landmarks with cone beam computed tomography in vivo. 2013 , 35, 38-44		34
80	Assessment of the effective doses from two dental cone beam CT devices. <i>Dentomaxillofacial Radiology</i> , 2013 , 42, 20120273	3.9	17
79	An airway study of different maxillary and mandibular sagittal positions. 2013 , 35, 262-70		43
78	Patient radiation dose and protection from cone-beam computed tomography. 2013 , 43, 63-9		84
77	3D Orthodontic Diagnosis and Treatment Planning. 2014 , 221-246		1
76	A three-dimensional evaluation of Class II subdivision malocclusion correction using Cartesian coordinates. 2014 , 20, 287-298		3
75	Development of Evidence-Based Selection Criteria for Cone Beam Computed Tomography in Orthodontics. 2014 , 113-125		
74	Validity of three-dimensional computed tomography measurements for Le Fort I osteotomy. 2014 , 43, 197-203		9
73	Contemporary Concepts of Cone Beam Computed Tomography in Orthodontics. 2014 , 3-42		1
72	Three-dimensional evaluation of upper airway following rapid maxillary expansion: a CBCT study. <i>Angle Orthodontist</i> , 2014 , 84, 265-73	2.6	77
71	The importance of cone-beam computed tomography in the management of endodontic problems: a review of the literature. 2014 , 40, 1895-901		88
70	Treatment of a hypertarodontic maxillary second molar in a patient with 10 taurodonts: a case report. 2014 , 40, 140-4		15

69	Bone mineral density in cone beam computed tomography: Only a few shades of gray. 2014 , 6, 607-12		31
68	Skin Doses on the Lens for Temporomandibular Joint Exam in Cone Beam Computed Tomography. 2015 , 58, 886-890		3
67	Accuracy of alveolar bone measurements from cone beam computed tomography acquired using varying settings. 2015 , 18 Suppl 1, 127-36		35
66	Mesial inclination of impacted third molars and its propensity to stimulate external root resorption in second molars--a cone-beam computed tomographic evaluation. 2015 , 73, 379-86		40
65	Effectiveness of thyroid gland shielding in dental CBCT using a paediatric anthropomorphic phantom. <i>Dentomaxillofacial Radiology</i> , 2015 , 44, 20140285	3.9	24
64	Use of gray values in CBCT and MSCT images for determination of density: influence of variation of FOV size. 2015 , 24, 155-9		6
63	Effective dose of dental CBCT-a meta analysis of published data and additional data for nine CBCT units. <i>Dentomaxillofacial Radiology</i> , 2015 , 44, 20140197	3.9	250
62	Effective dose of cone beam CT (CBCT) of the facial skeleton: a systematic review. 2015 , 88, 20140658		54
61	Three-dimensional evaluation of the different donor sites of the mandible for autologous bone grafts. <i>Clinical Oral Investigations</i> , 2015 , 19, 453-8	4.2	11
60	Rotating and translating anthropomorphic head voxel models to establish an horizontal Frankfort plane for dental CBCT Monte Carlo simulations: a dose comparison study. 2016 , 61, N681-N696		7
59	When static meets dynamic: Comparing cone-beam ´computed tomography and ´acoustic ´reflection for upper airway analysis. 2016 , 150, 643-650		18
58	New algorithm for semiautomatic segmentation of nasal cavity and pharyngeal airway in comparison with manual segmentation using cone-beam computed tomography. 2016 , 150, 703-712		21
57	Imaging technologies. 2016 , 15-26		
56	Radiographic Evaluation of the Alveolar Ridge in Implant Dentistry. CBCT Technology. 2016 , 55-71		
55	CUSTOMISATION OF A MONTE CARLO DOSIMETRY TOOL FOR DENTAL CONE-BEAM CT SYSTEMS. 2016 , 169, 378-85		15
54	Applications of Cone-Beam Computed Tomography in Oral and Maxillofacial Surgery: An Overview of Published Indications and Clinical Usage in United States Academic Centers and Oral and Maxillofacial Surgery Practices. 2016 , 74, 668-79		37
53	Use of micro-computed tomography for the assessment of periapical lesions in small rodents: a systematic review. 2017 , 50, 352-366		15
52	Imaging modalities for midfacial fractures. 2017 , 19, 175-185		

51	Hyoid Arch Displacement with Hypoglossal Nerve Stimulation. 2017 , 196, 790-792	7
50	A Survey of Cone-beam Computed Tomographic Use among Endodontic Practitioners in the United States. 2017 , 43, 699-704	37
49	Effects of Case Western Reserve University's transverse analysis on the quality of orthodontic treatment. 2017 , 152, 178-192	4
48	Application of a newly developed software program for image quality assessment in cone-beam computed tomography. 2017 , 47, 75-86	5
47	Timing and rate of spheno-occipital synchondrosis closure and its relationship to puberty. 2017 , 12, e0183305	23
46	Reliability of different radiographic methods for the localization of displaced maxillary canines. 2018 , 153, 308-314	16
45	Radiation Dose, Risks, and Protection in CBCT. 2018 , 227-246	1
44	Cone Beam Computed Tomography in Orthodontics. 2018 , 31, 55-61	7
43	Effect of field-of-view size on gray values derived from cone-beam computed tomography compared with the Hounsfield unit values from multidetector computed tomography scans. 2018 , 48, 31-39	5
42	Accuracy of artificial bone defects measurements on two cone beam computed tomography scanners. A comparative study. 2018 , 4, 141-145	
41	Factors influencing the effective dose associated with CBCT: a systematic review. <i>Clinical Oral Investigations</i> , 2019 , 23, 1319-1330	4.2 11
40	Treatment Planning, Outcome Assessment, and Upper Airway Imaging Using CBCT in Clinical Orthodontics. 2019 , 141-164	
39	Imaging Anatomy of the Jaw and Dentition with Cone Beam Computed Tomography. 2020 , 24, 488-498	1
38	Applications of CBCT in Endodontics. 2020 ,	
37	Comparing image qualities of dental cone-beam computed tomography with different scanning parameters for detecting root canals. 2021 , 120, 991-996	0
36	Cone-Beam CT Use for Airway Imaging. 2021 , 85-103	
35	Cone Beam Computerized Tomography Imaging for Orthodontic Diagnosis. 2021 , 55-91	
34	Computed tomography imaging superimposition protocols to assess outcomes in orthognathic surgery: a systematic review with comprehensive recommendations. <i>Dentomaxillofacial Radiology</i> , 2021 , 20210340	3.9 2

33	Dosimetric evaluation for temporomandibular joint cone beam computed tomography exams using different field of view. 2021 , 7,		
32	Evaluation of the Average Nasal and Nasopharyngeal Volume in 10-13-year-old Children: A Preliminary CBCT Study. 2021 , 14, 187-191		
31	Applications of CBCT in Orthodontics. 2018 , 645-714		1
30	Accuracy and reproducibility of voxel based superimposition of cone beam computed tomography models on the anterior cranial base and the zygomatic arches. 2011 , 6, e16520		100
29	A cone-beam computed tomographic study of C-shaped root and root canal in maxillary molars. 2015 , 31, 104-111		3
28	Clinical indications and radiation doses of cone beam computed tomography in orthodontics. 2019 , 92, 346-351		9
27	Relationship of the airway size to the mandible distance in Chinese skeletal Class I and Class II adults with normal vertical facial pattern. 2019 , 30, 368-374		3
26	Evaluation of Nonsyndromic Multiple Supernumerary Teeth Using Three-Dimensional Computerized Tomography: A Case Report and Literature Review. 2010 , 11, 81-87		1
25	Evaluation of Relationship between Exposure Parameters and Maxillofacial Bone Quality with Salivary Glands Absorbed Dose in Cone Beam Computed Tomography Imaging. 2018 , 19, 568-573		1
24	Strategies for Managing the Risk of Mucogingival Changes During Impacted Maxillary Canine Treatment. 2020 , 33, 123-132		1
23	Investigating the Effect mA Variation on Absorbed Dose to Salivary Glands and Mandible Body in CBCT. <i>Iranian Journal of Radiology</i> , 2018 , In Press,	1.4	1
22	Current Status of Dental Cone-Beam Computed Tomography. <i>Dental Medicine Research</i> , 2013 , 33, 2-11		1
21	Imaging in Periodontology. 2010 , 204-236		
20	Évaluation des changements de volume des voies aériennes chez des patients traités par distraction osseuse. <i>Revue D'orthopédie Dento-faciale</i> , 2010 , 44, 273-284		0
19	Radioprotection: tomographie à faisceau conique pour la chirurgie orale et maxillo-faciale. <i>Medecine Buccale Chirurgie Buccale</i> , 2012 , 18, 60-77		
18	Radiation Dose in CBCT. 2016 , 336-339		
17	Dosimetry of Three Cone Beam Computerized Tomography Scanners at Different Fields of View in Terms of Various Head and Neck Organs. <i>Iranian Journal of Radiology</i> , 2016 , 13, e34220	1.4	2
16	TWO DIMENSIONAL VERSUS THREE DIMENSIONAL IMAGING IN ENDODONTICS - AN UPDATED REVIEW. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2016 , 5, 6287-6293	0.1	

15	Trends of using of the cone beam computed tomography imagery in oral and maxillofacial medical dentistry in the future in Albania. <i>Journal of Dental Health, Oral Disorders & Therapy</i> , 2018 , 9,	0.5	
14	Farengial Havayolu İhlerinde Toplam Havayolu Hacmi İle Bİgesel HavayollarıArasındaki Korelasyonun Deİlendirilmesi. <i>Harran İversitesi Tİ Fakİtesi Dergisi</i> ,		
13	Short-term and long-term effects of rapid maxillary expansion on the nasal soft and hard tissue. <i>Angle Orthodontist</i> , 2021 , 91, 46-53	2.6	1
12	Effect of Amperage and Field of View on Detection of Vertical Root Fracture in Teeth with Intracanal Posts. <i>Iranian Endodontic Journal</i> , 2016 , 11, 202-7		9
11	[Experimental study on the feasibility of low-dose cone beam computed tomography scanning]. <i>Hua Xi Kou Qiang Yi Xue Za Zhi = Huaxi Kouqiang Yixue Zazhi = West China Journal of Stomatology</i> , 2020 , 38, 415-418		
10	CBCT in dental age estimation: A systematic review and meta analysis.. <i>Dentomaxillofacial Radiology</i> , 2022 , 20210335	3.9	1
9	Impact of thyroid gland shielding on radiation doses in dental cone beam computed tomography with small and medium fields of view.. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2022 ,	2	0
8	Skeletal and alveolar changes in conventional rapid palatal expansion (RPE) and miniscrew-assisted RPE (MARPE): a prospective randomized clinical trial using low-dose CBCT.. <i>BMC Oral Health</i> , 2022 , 22, 114	3.7	0
7	CERRAHİDESTEKLİHIZLI MAKSİLER GENİETME SONRASI DEİİLERİN DEİLENDİRİMESİNDE RADYOGRAFİK GİRİTİEMENİN NEMİDERLEME ALIMASI. <i>Selcuk Dental Journal</i> ,		
6	EVALUATING CHANGES IN NASAL AIRWAY VOLUME AND NASAL AIRFLOW AFTER SURGICALLY ASSISTED RAPID MAXILLARY EXPANSION. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2022 ,	2	
5	Effect of voxel size in cone-beam computed tomography on surface area measurements of dehiscences and fenestrations in the lower anterior buccal region.. <i>Clinical Oral Investigations</i> , 2022 , 1	4.2	0
4	External root resorption evaluated by CBCT 3D models superimposition. <i>Dental Press Journal of Orthodontics</i> , 2022 , 27,	1.3	
3	Root canal morphology and incidence of isthmus in the mesial root canal of the mandibular first molar using cone-beam computed tomography of two different scanning modes. 2022 , 12, 309		0
2	Comparison of Cone Beam Computed Tomography Performance at Different Voxel Sizes in the Evaluation of Mandibular Canal İAn In vitro Study. 2022 , 34, 309		0
1	Radiographic Evaluation of the Alveolar Ridge in Implant Dentistry: CBCT Technology. 2022 , 39-60		0