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Comparative dosimetry of dental CBCT devices and 64-slice CT for oral and maxillofacial radiology

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615	The so-called cone beam computed tomography technology (or CB3D, rather!). 2008, 37, 477-8		6
614	Use of cone beam computed tomography in endodontics. 2009 , 2009, 634567		170
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611	A comparison between two-dimensional and three-dimensional cephalometry on frontal radiographs and on cone beam computed tomography scans of human skulls. 2009 , 117, 300-5		48
610	Applications of cone-beam computed tomography in fractures of the maxillofacial complex. 2009 , 25, 358-66		43
609	Evaluation of volumetry and density of mandibular symphysis bone grafts by three-dimensional computed tomography. 2009 , 25, 475-9		18
608	Accuracy of a newly developed integrated system for dental implant planning. 2009, 20, 1191-9		60
607	Precision of cephalometric landmark identification: cone-beam computed tomography vs conventional cephalometric views. 2009 , 136, 312.e1-10; discussion 312-3		117
606	Accessory mental foramen assessment using cone-beam computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 107, 289-94		103
605	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
604	Assessment of linear and angular measurements on three-dimensional cone-beam computed tomographic images. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 108, 430-6		90
603	Imaging of the midpalatal suture in a porcine model: flat-panel volume computed tomography compared with multislice computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 108, 443-9		10
602	Variable-resolution cone-beam computerized tomography with enhancement filtration compared with intraoral photostimulable phosphor radiography in detection of transverse root fractures in an in vitro model. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009 , 108, 93	9-45	91
601	Detection of vertical root fractures in endodontically treated teeth by a cone beam computed tomography scan. 2009 , 35, 719-22		212

(2010-2009)

600	Conebeam CT of the head and neck, part 1: physical principles. 2009 , 30, 1088-95	234
599	Conebeam CT of the head and neck, part 2: clinical applications. 2009 , 30, 1285-92	231
598	The role of Cone beam CT in the evaluation and management of a family with Gardner's syndrome. 2009 , 37, 461-8	20
597	Volumetric assessment of secondary alveolar bone grafting using cone beam computed tomography. 2009 , 46, 503-11	92
596	Stafne bone cavity in the anterior mandible. 2010 , 21, 1769-75	32
595	Dental imaging in implant treatment planning. 2010 , 19, 288-98	81
594	Modern dental imaging: a review of the current technology and clinical applications in dental practice. 2010 , 20, 2637-55	117
593	Cranial base superimposition for 3-dimensional evaluation of soft-tissue changes. 2010 , 137, S120-9	75
592	Three-dimensional localization of impacted teeth using magnetic resonance imaging. 2010, 14, 169-76	58
591	Are we respecting the anatomy of the jaws?. 2010 , 26, 66-68	
590	Three-dimensional observations of the incisive canal and the surrounding bone using cone-beam computed tomography. 2010 , 26, 20-28	23
589	Anterior lingual mandibular bone cavity as a diagnostic challenge: two case reports. 2010 , 68, 201-4	4
588	Radiation dose and protection in dentistry. 2010 , 46, 112-121	44
587	On cone-beam computed tomography artifacts induced by titanium implants. 2010 , 21, 100-7	188
586	Effects of dose reduction on multi-detector computed tomographic images in evaluating the maxilla and mandible for pre-surgical implant planning: a cadaveric study. 2010 , 21, 830-4	8
585	Prospective study to estimate mandibular cancellous bone density using large-volume cone-beam computed tomography. 2010 , 21, 1309-13	30
584	Cone beam imaging: is this the ultimate imaging modality?. 2010 , 21, 1201-8	50
583	A comparison of the diagnostic accuracy of CBCT images of different voxel resolutions used to detect simulated small internal resorption cavities. 2010 , 43, 798-807	68

582	Quality control and patient dosimetry in dental cone beam CT. 2010 , 139, 310-2	29
581	A comparison of two-dimensional radiography and three-dimensional computed tomography in angular cephalometric measurements. 2010 , 39, 100-6	42
580	Radiation protection in newer imaging technologies. 2010 , 139, 357-62	12
579	Practice-based cone-beam computed tomography: a review. 2010 , 17, 161-7	8
578	Dose and image quality evaluation of a dedicated cone-beam CT system for high-contrast neurologic applications. 2010 , 194, W193-201	42
577	Modulation transfer function evaluation of cone beam computed tomography for dental use with the oversampling method. 2010 , 39, 28-32	32
576	Computer-aided manufacturing technologies for guided implant placement. 2010 , 7, 113-29	35
575	Operational principles for cone-beam computed tomography. 2010 , 141 Suppl 3, 3S-6S	130
574	A comparative study of the effective radiation doses from cone beam computed tomography and plain radiography for sialography. 2010 , 39, 257-63	23
573	A comparison between 2D and 3D cephalometry on CBCT scans of human skulls. 2010 , 39, 156-60	73
573 572	A comparison between 2D and 3D cephalometry on CBCT scans of human skulls. 2010 , 39, 156-60 Computer-assisted craniomaxillofacial surgery. 2010 , 22, 117-34	73 56
572	Computer-assisted craniomaxillofacial surgery. 2010 , 22, 117-34 Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and</i>	56
57 ²	Computer-assisted craniomaxillofacial surgery. 2010, 22, 117-34 Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e25-31 Comparison of cone-beam CT parameters and sleep questionnaires in sleep apnea patients and control subjects. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010,	56 79
57 ² 571 570	Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e25-31 Comparison of cone-beam CT parameters and sleep questionnaires in sleep apnea patients and control subjects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, 285-93 Comparison of cone-beam computerized tomography and intraoral radiographs for determination of the periodontal ligament in a variable phantom. <i>Oral Surgery Oral Medicine Oral Pathology Oral</i>	56 79 61
57 ² 57 ¹ 57 ⁰ 569	Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e25-31 Comparison of cone-beam CT parameters and sleep questionnaires in sleep apnea patients and control subjects. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, 285-93 Comparison of cone-beam computerized tomography and intraoral radiographs for determination of the periodontal ligament in a variable phantom. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 , 109, e95-101 Occlusal caries detection by using a cone-beam CT with different voxel resolutions and a digital intraoral sensor. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2010 ,	56 79 61 23
572 571 570 569 568	Computer-assisted craniomaxillofacial surgery. 2010, 22, 117-34 Comparison between cone-beam and multislice computed tomography depicting mandibular neurovascular canal structures. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e25-31 Comparison of cone-beam CT parameters and sleep questionnaires in sleep apnea patients and control subjects. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, 285-93 Comparison of cone-beam computerized tomography and intraoral radiographs for determination of the periodontal ligament in a variable phantom. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e95-101 Occlusal caries detection by using a cone-beam CT with different voxel resolutions and a digital intraoral sensor. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2010, 109, e63-9 Salivary calculus diagnosis with 3-dimensional cone-beam computed tomography. Oral Surgery Oral	56 79 61 23 38

(2011-2011)

564	A manufacturer's role in reducing the dose of cone beam computed tomography examinations: effect of beam filtration. 2011 , 40, 115-22	39
563	Accuracy of oral mucosal thickness measurements using spiral computed tomography. 2011 , 82, 829-36	38
562	[Cone beam 3D sialography: preliminary study]. 2011 , 112, 293-9	5
561	A comparative study for spatial resolution and subjective image characteristics of a multi-slice CT and a cone-beam CT for dental use. 2011 , 77, 397-402	79
560	Evaluation of subjective image quality in relation to diagnostic task for cone beam computed tomography with different fields of view. 2011 , 80, 483-8	77
559	Observer ability to detect ex vivo simulated internal or external cervical root resorption. 2011 , 37, 168-75	54
558	The relationship between mouth opening and computerized tomographic features of posttraumatic bony ankylosis of the temporomandibular joint. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 111, 354-61	17
557	Prevalence of pathologic findings in the maxillary sinus in cone-beam computerized tomography. Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics, 2011, 111, 634-40	84
556	Evaluation of the pterygoid hamulus morphology using cone beam computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 112, e48-55	13
555	A comparison of multislice computerized tomography, cone-beam computerized tomography, and single photon emission computerized tomography for the assessment of bone invasion by oral malignancies. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2011 , 112, 367-74	33
554	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
553	Du clichliftroalvölaire 2D [l'imagerie sectionnelle. 2011 , 1-32	
552	Donnës rëentes et acquises en implantologie. 2011 , 1-40	
551	The Future of Orthodontic Diagnostic Records. 2011 , 17, 39-45	17
550	Imagerie cone beam et implants. 2011 , 59-89	
549	Correlation between pixel values in a cone-beam computed tomographic scanner and the computed tomographic values in a multidetector row computed tomographic scanner. 2011 , 35, 662-5	14
548	Cone-Beam Computed Tomography. 2011 , 59-66	1
547	[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

546	Comparative assessment of subjective image quality of cross-sectional cone-beam computed tomography scans. 2011 , 53, 501-8	41
545	A new dimension in managing the troublesome transmigratory canine. 2011 , 4, 14-17	1
544	Periapical bone defects of root filled teeth with persistent lesions evaluated by cone-beam computed tomography. 2011 , 44, 245-52	31
543	Diagnostic accuracy of limited-volume cone-beam computed tomography in the detection of periapical bone loss: 360° scans versus 180° scans. 2011 , 44, 1118-27	50
542	Incidental maxillary sinus findings in orthodontic patients: a radiographic analysis using cone-beam computed tomography (CBCT). 2011 , 14, 17-24	73
541	Transversal maxillary dento-alveolar changes in patients treated with active and passive self-ligating brackets: a randomized clinical trial using CBCT-scans and digital models. 2011 , 14, 222-33	63
540	Surgical navigation in craniomaxillofacial surgery: expensive toy or useful tool? A classification of different indications. 2011 , 69, 300-8	51
539	Utility of digital volume tomography in maxillofacial trauma. 2011 , 69, e135-40	11
538	Immediate effects of rapid maxillary expansion with Haas-type and hyrax-type expanders: a randomized clinical trial. 2011 , 140, 366-76	95
537	Airway volume for different dentofacial skeletal patterns. 2011 , 139, e511-21	127
537 536	Airway volume for different dentofacial skeletal patterns. 2011 , 139, e511-21 Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011 , 15, 721-7	127
	Measurements on 3D models of human skulls derived from two different cone beam CT scanners.	
536	Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011, 15, 721-7 Accuracy of templates for navigated implantation made by rapid prototyping with DICOM datasets	22
536 535	Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011, 15, 721-7 Accuracy of templates for navigated implantation made by rapid prototyping with DICOM datasets of cone beam computer tomography (CBCT). 2011, 15, 1001-6	22
536535534	Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011, 15, 721-7 Accuracy of templates for navigated implantation made by rapid prototyping with DICOM datasets of cone beam computer tomography (CBCT). 2011, 15, 1001-6 Occlusal caries depth measurements obtained by five different imaging modalities. 2011, 24, 804-13 Exploring CBCT-based DICOM files. A systematic review on the properties of images used to	22 14 30
536535534533	Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011, 15, 721-7 Accuracy of templates for navigated implantation made by rapid prototyping with DICOM datasets of cone beam computer tomography (CBCT). 2011, 15, 1001-6 Occlusal caries depth measurements obtained by five different imaging modalities. 2011, 24, 804-13 Exploring CBCT-based DICOM files. A systematic review on the properties of images used to evaluate maxillofacial bone grafts. 2011, 24, 959-66	22 14 30 33
536535534533532	Measurements on 3D models of human skulls derived from two different cone beam CT scanners. 2011, 15, 721-7 Accuracy of templates for navigated implantation made by rapid prototyping with DICOM datasets of cone beam computer tomography (CBCT). 2011, 15, 1001-6 Occlusal caries depth measurements obtained by five different imaging modalities. 2011, 24, 804-13 Exploring CBCT-based DICOM files. A systematic review on the properties of images used to evaluate maxillofacial bone grafts. 2011, 24, 959-66 Measuring mesiodistal width of impacted maxillary canines: CT-assisted determination. 2011, 72, 33-44	22 14 30 33

(2012-2011)

528	The usage of digital radiography and cone beam computed tomography among Turkish dentists. 2011 , 40, 379-84	32
527	Incidental findings arising with cone beam computed tomography imaging of the orthodontic patient. 2011 , 81, 350-5	25
526	The estimation of the volume of sheep mandibular defects using cone-beam computed tomography images and a stereological method. 2011 , 40, 165-9	15
525	Repeatability and reproducibility of landmarksa three-dimensional computed tomography study. 2012 , 34, 276-86	28
524	Estimation of paediatric organ and effective doses from dental cone beam CT using anthropomorphic phantoms. 2012 , 85, 153-60	119
523	Use of cone beam computed tomography in implant dentistry: the International Congress of Oral Implantologists consensus report. 2012 , 21, 78-86	190
522	Predictive factors for maxillary sinus augmentation outcomes: a case series analysis. 2012, 21, 433-40	17
521	Correlating cone beam CT results with temporomandibular joint pain of osteoarthritic origin. 2012 , 41, 126-30	78
520	Effective doses from cone beam CT investigation of the jaws. 2012 , 41, 30-6	52
519	Effect of electric potential and current on mandibular linear measurements in cone beam CT. 2012 , 41, 578-82	18
518	Dose distribution for dental cone beam CT and its implication for defining a dose index. 2012 , 41, 583-93	46
517	The use of cone-beam computed tomography in dentistry: an advisory statement from the American Dental Association Council on Scientific Affairs. 2012 , 143, 899-902	119
516	Evidence supporting the use of cone-beam computed tomography in orthodontics. 2012 , 143, 241-52	73
515	Characterization and correction of cupping effect artefacts in cone beam CT. 2012 , 41, 217-23	37
514	A clinically relevant validation method for implant placement after virtual planning. 2013, 24, 1265-72	29
513	Three dimensional quantification of mandibular bone remodeling using standard tessellation language registration based superimposition. 2013 , 24, 1273-9	16
512	Myths and facts of cone beam computed tomography in orthodontics. 2012 , 1, e3-e8	5
511	Evaluation of alveolar bone grafting using limited cone beam computed tomography. 2012 , 113, 542-8	35

510	One year postoperative hard and soft tissue volumetric changes after a BSSO mandibular advancement. 2012 , 41, 1137-45	23
509	Cone beam CT in assessment of tibial bone defect healing: an animal study. 2012 , 19, 320-5	23
508	La Tomografia Computerizzata 3D nella diagnosi cefalometrica delle disgnazie dento-maxillo-facciali. 2012 , 37, 123-134	
507	Evaluation of the inferior alveolar canal for cysts and tumors of the mandible-comparison of multidetector computed tomography and 3-dimensional volume interpolated breath-hold examination magnetic resonance sequence with curved multiplanar reformatted reconstructions.	9
506	Dose reduction of cone beam CT scanning for the entire oral and maxillofacial regions with thyroid collars. 2012 , 41, 373-8	28
505	Associations between maxillary sinus mucosal thickening and apical periodontitis using cone-beam computed tomography scanning: a retrospective study. 2012 , 38, 1069-74	98
504	Effective dose range for dental cone beam computed tomography scanners. 2012 , 81, 267-71	404
503	Thyroid shields for radiation dose reduction during cone beam computed tomography scanning for different oral and maxillofacial regions. 2012 , 81, e376-80	31
502	Evaluation of three imaging techniques for the detection of vertical root fractures in the absence and presence of gutta-percha root fillings. 2012 , 45, 1004-9	68
501	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
500	CT & CBCT imaging: assessment of the orbits. 2012 , 24, 537-43	10
499	3D CT based rating of unilateral impacted canines. 2012 , 40, e268-76	9
498	Orthodontic correction of a transposed maxillary canine and first premolar in the permanent dentition. 2012 , 142, 524-33	16
497	Comment on "effective dose range for dental cone beam computed tomography scanners". 2012 , 81, 4219-20; author reply 4221-4	5
496	Response to Letter to the Editor: Comment on E ffective dose range for dental cone beam computed tomography scanners[] 2012 , 81, 4221-4224	2
495	Position statement of the American Academy of Oral and Maxillofacial Radiology on selection criteria for the use of radiology in dental implantology with emphasis on cone beam computed tomography. 2012 , 113, 817-26	232
494	Assessment of radiation exposure in dental cone-beam computerized tomography with the use of metal-oxide semiconductor field-effect transistor (MOSFET) dosimeters and Monte Carlo simulations. 2012 , 114, 393-400	36
493	Radiation risk in low-dose maxillofacial radiography. 2012 , 114, 277-80	6

(2012-2012)

492	Effect of exposure time on the accuracy and reliability of cone beam computed tomography in the assessment of dental implant site dimensions in dry skulls. 2012 , 24, 127-34	20
491	[Cone Beam computerized tomography and implants]. 2012, 113, 245-58	1
490	Effective doses in panoramic images from conventional and CBCT equipment. 2012, 151, 67-75	20
489	Cone-beam computed tomography and radiographs in dentistry: aspects related to radiation dose. 2012 , 2012, 813768	62
488	Comparison of cone-beam computed tomography and periapical radiography in predicting treatment decision for periapical lesions: a clinical study. 2012 , 2012, 920815	18
487	Accuracy of linear measurements of galileos cone beam computed tomography in normal and different head positions. 2012 , 2012, 214954	27
486	Cone Beam Computed Tomography in Dentistry: What Dental Educators and Learners Should Know. 2012 , 76, 1437-1442	26
485	Comparison of effective dose for imaging of mandible between multi-detector CT and cone-beam CT. 2012 , 42, 65-70	23
484	Oblique High Resolution Tomography: The Ideal Plane for Visualization of the Gonial Section of the Mandibular Canal and its Related Structures?. 2012 , 3, 87-104	5
483	Hausdorff Distance evaluation of orthodontic accessories' streaking artifacts in 3D model superimposition. 2012 , 26, 450-6	3
482	[Indications for radiography in orthodontics and dentofacial orthopedics]. 2012, 83, 59-72	O
481	[Root apex localization of palatally displaced canines]. 2012 , 83, 165-73	1
480	Dental MRI: imaging of soft and solid components without ionizing radiation. 2012 , 36, 841-6	58
479	Evaluation of the mental foramen and accessory mental foramen in Turkish patients using cone-beam computed tomography images reconstructed from a volumetric rendering program. 2012 , 25, 584-92	67
478	Comparative dosimetry of dental cone beam computed tomography, panoramic radiography, and multislice computed tomography. 2012 , 28, 32-37	15
477	Necessity of 3D visualization for the removal of lower wisdom teeth: required sample size to prove non-inferiority of panoramic radiography compared to CBCT. 2012 , 16, 699-706	28
476	Dosimetry of a cone-beam computed tomography machine compared with a digital x-ray machine in orthodontic imaging. 2012 , 141, 436-43	61
475	Diagnostic value of 2D and 3D imaging in odontogenic maxillary sinusitis: a review of literature. 2012 , 39, 294-300	41

474	Accuracy assessment of cone beam computed tomography-derived laboratory-based surgical templates on partially edentulous patients. 2012 , 23, 137-143	33
473	Dimensions of buccal bone and mucosa at immediately placed implants after 7 years: a clinical and cone beam computed tomography study. 2012 , 23, 560-6	105
472	The anterior loop of the inferior alveolar nerve: prevalence, measurement of its length and a recommendation for interforaminal implant installation based on cone beam CT imaging. 2012 , 23, 1022-30	79
471	Facial skeletal augmentation using custom facial implants. 2012 , 20, 119-34	21
470	A comparison of maxillofacial CBCT and medical CT. 2012 , 20, 1-17	61
469	CBCT device dependency on the transfer accuracy from computer-aided implantology procedures. 2012 , 23, 1089-97	17
468	Application of cone beam volumetric tomography in endodontics. 2012 , 57 Suppl 1, 72-81	33
467	Update on the biological effects of ionizing radiation, relative dose factors and radiation hygiene. 2012 , 57 Suppl 1, 2-8	33
466	Stability of voxel values from cone-beam computed tomography for dental use in evaluating bone mineral content. 2013 , 24, 543-8	18
465	Conventional multi-slice computed tomography (CT) and cone-beam CT (CBCT) for computer-aided implant placement. Part II: reliability of mucosa-supported stereolithographic guides. 2013 , 15, 907-17	25
464	Comparison of adult and child radiation equivalent doses from 2 dental cone-beam computed tomography units. 2013 , 143, 784-92	32
463	Diagnostic imaging for temporomandibular disorders and orofacial pain. 2013 , 57, 405-18	33
462	Evaluation of Condylar Resorption Before and After Orthognathic Surgery. 2013, 19, 106-115	21
461	Influence of voxel size on the diagnostic ability of cone-beam computed tomography to evaluate simulated root perforations. 2013 , 29, 151-159	7
460	Accuracy of linear measurements and visibility of the mandibular canal of cone-beam computed tomography images with different voxel sizes: an in vitro study. 2013 , 84, 68-77	41
459	Digital method for quantification of circumferential periodontal bone level using cone beam CT. 2013 , 17, 389-96	33
458	Clinical recommendations regarding use of cone beam computed tomography in orthodontics. [corrected]. Position statement by the American Academy of Oral and Maxillofacial Radiology. 2013 , 116, 238-57	207
457	Optimising the number of thermoluminescent dosimeters required for the measurement of effective dose for computed tomography attenuation correction data in SPECT/CT myocardial perfusion imaging. 2013 , 19, 42-47	8

456 Lütilisation du conebeam en orthodontie : la situation actuelle. **2013**, 11, 1-20

455	Evaluation of the reliability and accuracy of using cone-beam computed tomography for diagnosing periapical cysts from granulomas. 2013 , 39, 1485-90	35
454	Volumetric changes in apical radiolucencies of endodontically treated teeth assessed by cone-beam computed tomography 1 year after orthograde retreatment. 2013 , 39, 1504-9	21
453	The use of cone-beam computed tomography for orthodontic purposes. 2013 , 19, 196-203	16
452	Assessment of phantom dosimetry and image quality of i-CAT FLX cone-beam computed tomography. 2013 , 144, 802-17	91
451	Cone beam CT in orthodontics: the current picture. 2013 , 11, 1-20	15
450	Endodontics Using Cone Beam Computed Tomography. 2013 , 211-247	
449	Assessment of the Airway and Supporting Structures Using Cone Beam Computed Tomography. 2013 , 197-209	
448	The Nature of Ionizing Radiation and the Risks from Maxillofacial Cone Beam Computed Tomography. 2013 , 25-41	0
447	Measurement of skin dose from cone-beam computed tomography imaging. 2013 , 9, 28	11
446	Three-dimensional cone beam computed tomography definition of the anatomical subregions of the upper airway: a validation study. 2013 , 42, 1140-9	71
445	Computed gray levels in multislice and cone-beam computed tomography. 2013 , 144, 147-55	12
444	DentiiScan: The first cone-beam CT scanner for dental and maxillofacial imaging developed in Thailand. 2013 ,	
443	Effects of minute misregistrations of prefabricated markers for image-guided dental implant surgery: an analytical evaluation. 2013 , 24, 1339-46	1
442	Factors predictive of pterygoid process fractures after pterygomaxillary separation without using an osteotome in Le Fort I osteotomy. 2013 , 115, 310-8	20
441	Dose indices in dental cone beam CT and correlation with dose-area product. 2013 , 42, 20120362	7
440	Reduction of dark-band-like metal artifacts caused by dental implant bodies using hypothetical monoenergetic imaging after dual-energy computed tomography. 2013 , 115, 833-8	40
439	Fenestration of the mandibular buccal cortex by the inferior alveolar neurovascular bundle. 2013 , 42, 544-6	2

438	Association between mandibular posterior alveolar morphology and growth pattern in a Chinese population with normal occlusion. 2013 , 14, 25-32	8
437	Hard Tissue Reconstruction. 2013 , 283-316	
436	In vitro assessment of artifacts induced by titanium dental implants in cone beam computed tomography. 2013 , 24, 378-83	66
435	Availability of CBCT and iatrogenic alveolar nerve injuries. 2013 , 71, 151-6	17
434	The use of cone beam computed tomography in planning supernumerary cases. 2013, 40, 38-46	4
433	Radiographic assessment of the mandibular retromolar canal using cone-beam computed tomography. 2013 , 71, 650-5	36
432	Cone beam CT evaluation of maxillary sinus septa prevalence, height, location and morphology in children and an adult population. 2013 , 22, 47-53	41
431	Contrast-enhanced multidetector computerized tomography for odontogenic cysts and cystic-appearing tumors of the jaws: is it useful?. 2013 , 115, 104-13	9
430	Detection of periimplant fenestration and dehiscence with the use of two scan modes and the smallest voxel sizes of a cone-beam computed tomography device. 2013 , 115, 121-7	44
429	Using GafChromic film to estimate the effective dose from dental cone beam CT and panoramic radiography. 2013 , 42, 20120343	22
428	Three-dimensional volume tomographic study of the imaging accuracy of impacted teeth: MSCT and CBCT comparisonan in vitro study. 2013 , 35, 286-94	15
427	Cone beam CT: a current overview of devices. 2013 , 42, 20120443	95
426	Assessment of effective radiation dose of an extremity CBCT, MSCT and conventional X ray for knee area using MOSFET dosemeters. 2013 , 157, 515-24	53
425	Shielding effect of thyroid collar for digital panoramic radiography. 2013 , 42, 20130265	16
424	Small field of view cone beam CT temporomandibular joint imaging dosimetry. 2013 , 42, 20130082	20
423	Dosimetry of a cone beam CT device for oral and maxillofacial radiology using Monte Carlo techniques and ICRP adult reference computational phantoms. 2013 , 42, 92555893	49
422	Monte Carlo modeling for dose assessment in cone beam CT for oral and maxillofacial applications. 2013 , 40, 072103	28
421	Precision of identifying cephalometric landmarks with cone beam computed tomography in vivo. 2013 , 35, 38-44	34

(2014-2013)

420	lingula in a population of children. 2013 , 2013, 825453	13
419	Assessment of the effective doses from two dental cone beam CT devices. 2013 , 42, 20120273	17
418	Curvature analysis of femoral shaft in total knee arthroplasty patient and control group. 2013 , 2013, 2372-5	
417	Radiation dose and accuracy analysis of newly developed cone-beam CT for dental and maxillofacial imaging. 2013 , 2013, 2356-9	5
416	An airway study of different maxillary and mandibular sagittal positions. 2013, 35, 262-70	43
415	Prevalence of maxillary sinus pathology in patients considered for sinus augmentation procedures for dental implants. 2013 , 22, 428-35	19
414	Diagnostic Imaging. 2013 , 29-72	
413	Use of Digital Models/Dental Casts and their Role in Orthodontics/Maxillofacial Surgery. 2013 , 226-238	O
412	Comparison between dental and basal arch forms in normal occlusion and Class III malocclusions utilizing cone-beam computed tomography. 2013 , 43, 15-22	19
411	Use of Reference Ear Plug to improve accuracy of lateral cephalograms generated from cone-beam computed tomography scans. 2013 , 43, 54-61	15
410	Evaluation of the posterior superior alveolar artery and the maxillary sinus with CBCT. 2013, 27, 431-7	45
409	Artefacts in Cone Beam CT Mimicking an Extrapalatal Canal of Root-Filled Maxillary Molar. 2013 , 2013, 797286	3
408	Patient radiation dose and protection from cone-beam computed tomography. 2013, 43, 63-9	84
407	Magnet-retained facial prosthesis combined with maxillary obturator. 2013 , 2013, 406410	8
406	Reliability of a novel CBCT-based 3D classification system for maxillary canine impactions in orthodontics: the KPG index. 2013 , 2013, 921234	17
405	Effective dose from direct and indirect digital panoramic units. 2013, 43, 77-84	10
404	Conversion coefficients for the estimation of effective dose in cone-beam CT. 2014 , 44, 21-9	19
403	Identification of the mandibular landmarks in a pediatric population. 2014 , 19, e136-41	13

402	A Diagnosis of Maxillary Sinus Fracture with Cone-Beam CT: Case Report and Literature Review. 2014 , 7, 85-91	10
401	Die digitale Volumentomografie in der kieferorthop@ischen Praxis. 2014 , 46, 141-151	
400	Dental flat panel conebeam CT in the evaluation of patients with inflammatory sinonasal disease: Diagnostic efficacy and radiation dose savings. 2014 , 35, 2052-7	14
399	Trabecular bone histomorphometric measurements and contrast-to-noise ratio in CBCT. 2014 , 43, 20140196	18
398	Palatal mucosal measurements in a Japanese population using cone-beam computed tomography. 2014 , 26, 48-58	17
397	A quality assurance framework for the fully automated and objective evaluation of image quality in cone-beam computed tomography. 2014 , 41, 031901	26
396	Influences of lymphoid tissues on facial pattern. 2014 , 3, 163-168	1
395	Pathological changes in the TMJ and the length of the ramus in patients with confirmed juvenile idiopathic arthritis. 2014 , 42, 1802-7	20
394	Development of Evidence-Based Selection Criteria for Cone Beam Computed Tomography in Orthodontics. 2014 , 113-125	
393	Comparison of CCC and ETAR dose calculation algorithms in pituitary adenoma radiation treatment planning; Monte Carlo evaluation. 2014 , 13, 447-455	2
392	Nonradiological method for 3-dimensional implant position assessment using an intraoral scan: new method for postoperative implant control. 2014 , 23, 612-6	6
391	Bildgebende Verfahren bei Kieferhfilenerkrankungen. 2014 , 7, 177-184	
390	Intraobserver reliability of landmark identification in cone-beam computed tomography-synthesized two-dimensional cephalograms versus conventional cephalometric radiography: A preliminary study. 2014 , 9, 56-62	8
389	Imaging of mandible invasion by oral squamous cell carcinoma using computed tomography, cone-beam computed tomography and bone scintigraphy with SPECT. 2014 , 18, 961-7	16
388	Comparative study of image quality and radiation dose of cone beam and low-dose multislice computed tomographyan in-vitro investigation. 2014 , 18, 301-11	19
387	Cone-beam CT evaluation of morphology, location, and course of mandibular incisive canal: considerations for implant treatment. 2014 , 30, 64-75	10
386	Evaluation of root canal configuration of maxillary molars in a Brazilian population using cone-beam computed tomographic imaging: an in vivo study. 2014 , 40, 173-6	82
385	The feasibility of cone beam computed tomographic sialography in the diagnosis of space-occupying lesions: report of 3 cases. 2014 , 117, e452-7	3

384	Influence of cone-beam computed tomographic scan mode for detection of horizontal root fracture. 2014 , 40, 1472-6	18
383	The Applications and Limitations of Advanced (3-Dimensional) Radiographic Imaging Techniques. 2014 , 31-56	1
382	Radiographic display of carious lesions and cavitation in approximal surfaces: Advantages and drawbacks of conventional and advanced modalities. 2014 , 72, 251-64	47
381	Dose measurements for dental cone-beam CT: a comparison with MSCT and panoramic imaging. 2014 , 59, 3201-22	16
380	Are all soft tissue calcifications detected by cone-beam computed tomography in the submandibular region sialoliths?. 2014 , 72, 1531.e1-6	12
379	Radiation dose evaluation of dental cone beam computed tomography using an anthropomorphic adult head phantom. 2014 , 104, 287-291	5
378	Value of cone-beam computed tomography in the process of diagnosis and management of disorders of the temporomandibular joint. 2014 , 52, 241-6	22
377	Cone Beam Computed Tomography in Orthodontics: Perspectives on Radiation Risk. 2014 , 67-80	2
376	Functional and Technical Characteristics of Different Cone Beam Computed Tomography Units. 2014 , 43-66	1
375	Contemporary Concepts of Cone Beam Computed Tomography in Orthodontics. 2014 , 3-42	1
374	Maxillary sinus unilateral aplasia as an incidental finding following cone-beam computed (volumetric) tomography. 2014 , 40, 26-31	4
373	The importance of cone-beam computed tomography in the management of endodontic problems: a review of the literature. 2014 , 40, 1895-901	88
372	Assessment of the effective dose in supine, prone, and oblique positions in the maxillofacial region using a novel combined extremity and maxillofacial cone beam computed tomography scanner. 2014 , 118, 355-62	10
371	Cone beam computed tomography and low-dose multislice computed tomography in orthodontics and dentistry: a comparative evaluation on image quality and radiation exposure. 2014 , 75, 384-98	23
370	Zygomatic mini-implant for Class II correction in growing patients. 2014 , 75, 213-25	7
369	Presurgical CBCT assessment of maxillary neurovascularization in relation to maxillary sinus augmentation procedures and posterior implant placement. 2014 , 36, 915-24	10
368	The Image Gently in Dentistry campaign: promotion of responsible use of maxillofacial radiology in dentistry for children. 2014 , 118, 257-61	50
367	Cone-beam computed tomographic evaluation of styloid process: a retrospective study of 208 patients with orofacial pain. 2014 , 10, 5	20

366	Effective radiation dose and eye lens dose in dental cone beam CT: effect of field of view and angle of rotation. 2014 , 87, 20130654	58
365	Dental Anomalies Associated with Craniometaphyseal Dysplasia. 2014 , 93, 553-8	10
364	Accuracy of endodontic working length determination using cone beam computed tomography. 2014 , 47, 698-703	30
363	A pragmatic approach to determine the optimal kVp in cone beam CT: balancing contrast-to-noise ratio and radiation dose. 2014 , 43, 20140059	75
362	Effective doses from panoramic radiography and CBCT (cone beam CT) using dose area product (DAP) in dentistry. 2014 , 43, 20130439	39
361	A cone beam CT investigation of ponticulus posticus and lateralis in children and adolescents. 2014 , 43, 20130451	24
360	Three-dimensional linear and volumetric analysis of maxillary sinus pneumatization. 2014, 5, 387-95	30
359	Bone mineral density in cone beam computed tomography: Only a few shades of gray. 2014 , 6, 607-12	31
358	Morphometric and morphologic evaluation of the mental foramen in relation to age and sex: an anatomic cone beam computed tomography study. 2014 , 25, 2227-30	8
357	Characterization of atherosclerotic plaque: a contrast-detail study using multidetector and cone-beam computed tomography. 2014 , 15, 4308	4
356	Evaluation of foramen tympanicum using cone-beam computed tomography in orthodontic malocclusions. 2014 , 25, e105-9	12
355	Radiologische Bildgebung und Strahlenexposition in der Mund-, Kiefer- und Gesichtschirurgie. 2015 , 8, 255-267	
354	Freehand Condyle-Positioning During Orthognathic Surgery: Postoperative Cone-Beam Computed Tomography Shows Only Minor Morphometric Alterations of the Temporomandibular Joint Position. 2015 , 26, 1471-6	9
353	Significance of maxillary sinus mucosal thickening in patients with periodontal disease. 2015 , 65, 303-10	31
352	Airway Obstruction and the Unilateral Cleft Lip and Palate Deformity: Contributions by the Bony Septum. 2015 , 75, 37-43	22
351	Alterations in maxillary sinus volume among oral and nasal breathers. 2015 , 21, 18-26	12
350	Detection of root perforations using conventional and digital intraoral radiography, multidetector computed tomography and cone beam computed tomography. 2015 , 40, 58-67	11
349	Cone-beam computed tomography: Time to move from ALARA to ALADA. 2015 , 45, 263-5	109

(2015-2015)

348	Skin Doses on the Lens for Temporomandibular Joint Exam in Cone Beam Computed Tomography. 2015 , 58, 886-890	3
347	Do Mandibular Advancement Devices Influence Patients' Snoring and Obstructive Sleep Apnea? A Cone-Beam Computed Tomography Analysis of the Upper Airway Volume. 2015 , 73, 1816-26	11
346	Dosimetric study of mandible examinations performed with three cone-beam computed tomography scanners. 2015 , 165, 162-5	3
345	Three-dimensional evaluation of nasopharyngeal airways of unilateral cleft lip and palate patients. 2015 , 125, 736-9	16
344	Three-dimensional quantitative analysis of the bone density of mandibular condyle in dentulous and edentulous jaws: an in vivo study. 2015 , 18, 50-3	8
343	Comparative analysis of upper airway volume with lateral cephalograms and cone-beam computed tomography. 2015 , 147, 197-204	34
342	Metal and motion artifacts by cone beam computed tomography (CBCT) in dental and maxillofacial study. 2015 , 120, 618-26	53
341	The effective dose of different scanning protocols using the Sirona GALILEOS([]) comfort CBCT scanner. 2015 , 44, 20140287	8
340	Accuracy of the vertical tube shift method in identifying the relationship between the third molars and the mandibular canal. 2015 , 19, 583-8	5
339	Prevalence of ponticuli posticus among patients referred for dental examinations by cone-beam CT. 2015 , 15, 1270-6	17
338	The cadmium telluride photon counting sensor in panoramic radiology: gray value separation and its potential application for bone density evaluation. 2015 , 120, 636-43	2
337	Radiological Protection in Cone Beam Computed Tomography (CBCT). ICRP Publication 129. 2015 , 44, 9-127	40
336	Age estimation based on pulp chamber volume of first molars from cone-beam computed tomography images. 2015 , 253, 133.e1-7	50
335	A new, highly precise measurement technology for the in vitro evaluation of the accuracy of digital imaging data. 2015 , 43, 1335-9	15
334	Is it possible to diagnose caries under fixed partial dentures with cone beam computed tomography?. 2015 , 119, 579-83	6
333	A comparative study for image quality and radiation dose of a cone beam computed tomography scanner and a multislice computed tomography scanner for paranasal sinus imaging. 2015 , 25, 1891-900	17
332	How do dentists use CBCT in dental clinics? A Norwegian nationwide survey. 2015 , 73, 195-201	27
331	Cone beam CT for dental and maxillofacial imaging: dose matters. 2015 , 165, 156-61	43

330	Long-term outcomes of bone augmentation on soft and hard-tissue stability: a systematic review. 2015 , 26 Suppl 11, 103-22	34
329	Measuring absorbed dose for i-CAT CBCT examinations in child, adolescent and adult phantoms. 2015 , 44, 20150018	12
328	The influence of craniofacial morphology on the upper airway dimensions. 2015, 85, 874-80	16
327	A case series of rapid prototyping and intraoperative imaging in orbital reconstruction. 2015 , 8, 105-10	12
326	Newly defined landmarks for a three-dimensionally based cephalometric analysis: a retrospective cone-beam computed tomography scan review. 2015 , 85, 3-10	11
325	Imaging of the jaws. 2015 , 36, 407-14	2
324	Evaluation of the anterior mandibular donor site one year after secondary reconstruction of an alveolar cleft: 3-dimensional analysis using cone-beam computed tomography. 2015 , 53, 719-24	3
323	Root canal filling materials spread pattern mimicking root fractures in dental CBCT images. 2015 , 120, 521-7	16
322	Transcanal endoscopic ear surgery for pediatric population with a narrow external auditory canal. 2015 , 79, 2265-9	47
321	Effective dose of dental CBCT-a meta analysis of published data and additional data for nine CBCT units. 2015 , 44, 20140197	250
320	Osteoarthritic changes after superior and inferior joint space injection of hyaluronic acid for the treatment of temporomandibular joint osteoarthritis with anterior disc displacement without reduction: a cone-beam computed tomographic evaluation. 2015 , 73, 232-44	21
319	Effective dose of cone beam CT (CBCT) of the facial skeleton: a systematic review. 2015 , 88, 20140658	54
318	Use of cone-beam computed tomography in early detection of implant failure. 2015 , 59, 41-56	17
317	A clinically relevant accuracy study of computer-planned implant placement in the edentulous maxilla using mucosa-supported surgical templates. 2015 , 17, 343-52	30
316	Cone beam computed tomography in Endodontics - a review. 2015 , 48, 3-15	205
315	Low-Dose Radiation Risks of Computerized Tomography and Cone Beam Computerized Tomography: Reducing the Fear and Controversy. 2015 , 41, e223-30	11
314	The effects of voxel size on cone beam computed tomography images of the temporomandibular joints. 2015 , 119, 229-37	8
313	An Accuracy Study of Computer-Planned Implant Placement in the Augmented Maxilla Using Mucosa-Supported Surgical Templates. 2015 , 17, 1154-63	27

(2016-2015)

312	Efficacy of CBCT for assessment of impacted mandibular third molars: a review - based on a hierarchical model of evidence. 2015 , 44, 20140189	63
311	Prevalence of the posterior superior alveolar canal in cone beam computed tomography scans. 2015 , 26, e8-12	16
310	Evaluation of intensity of artefacts in CBCT by radio-opacity of composite simulation models of implants in vitro. 2015 , 44, 20140157	26
309	Comparison of cone-beam computed tomography and panoramic radiographs in detecting maxillary sinus septa. 2016 , 50, 8-14	9
308	Digital orthodontic radiographic set versus cone-beam computed tomography: an evaluation of the effective dose. 2016 , 21, 66-72	11
307	Cone Beam Computed Tomography in Orthodontics. 2016 , 29, 16-21	3
306	Cone-beam computed tomography usage: An alert to the field of dentistry. 2016 , 46, 145-6	O
305	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
304	Analysis of the priority of anatomic structures according to the diagnostic task in cone-beam computed tomographic images. 2016 , 46, 245-249	6
303	The Relevance of the Use of Radiographic Planning in Order to Avoid Complications in Mandibular Implantology: A Retrospective Study. 2016 , 2016, 8175284	3
302	Cone-beam CT analysis of patients with obstructive sleep apnea compared to normal controls. 2016 , 46, 9-16	27
301	Comparison of interradicular distances and cortical bone thickness in Thai patients with Class I and Class II skeletal patterns using cone-beam computed tomography. 2016 , 46, 117-25	4
300	Long-Term Computed Tomographic Evaluation of Alveolar Bone Formation in Patients with Unilateral Cleft Lip and Palate after Early Secondary Gingivoalveoloplasty. 2016 , 137, 365e-374e	10
299	Determination of the Prevalence, Height, and Location of the Maxillary Sinus Septa Using Cone Beam Computed Tomography. 2016 , 25, 335-40	15
298	Assessing the Interdental Septal Thickness in Alveolar Bone Grafting Using Cone Beam Computed Tomography. 2016 , 53, 683-689	6
297	Magnetic resonance imaging of intraoral hard and soft tissues using an intraoral coil and FLASH sequences. 2016 , 26, 4616-4623	29
296	Age estimation based on pulp cavity/chamber volume of 13 types of tooth from cone beam computed tomography images. 2016 , 130, 1159-1167	49
295	Radiographic methods used before removal of mandibular third molars among randomly selected general dental clinics. 2016 , 45, 20150226	13

294	Condylar positional changes in rapid maxillary expansion assessed with cone-beam computer tomography. 2016 , 14, 342-56	7
293	[Not Available]. 2016 , 14, 342-56	2
292	Incidence and frequency of nondental incidental findings on cone-beam computed tomography. 2016 , 44, 1373-80	14
291	Absorbed organ and effective doses from digital intra-oral and panoramic radiography applying the ICRP 103 recommendations for effective dose estimations. 2016 , 89, 20151052	31
290	[Computer-aided reconstruction of the facial skeleton : Planning and implementation in clinical routine]. 2016 , 64, 641-9	10
289	Determination of the mesio-distal tooth width via 3D imaging techniques with and without ionizing radiation: CBCT, MSCT, and µCT versus MRI. 2017 , 39, 310-319	1
288	Morphometric analysis of the infraorbital foramen, canal and groove using cone beam CT: considerations for creating artificial organs. 2016 , 39, 28-36	9
287	Secondary Alveolar Bone Grafting and Iliac Cancellous Bone Harvesting for Patients With Alveolar Cleft. 2016 , 27, 883-91	8
286	Nasal Septal Anatomy in Skeletally Mature Patients With Cleft Lip and Palate. 2016 , 18, 347-53	18
285	Validity of linear measurements of the jaws using ultralow-dose MDCT and the iterative techniques of ASIR and MBIR. 2016 , 11, 1791-801	10
284	Clinical cone beam computed tomography compared to high-resolution peripheral computed tomography in the assessment of distal radius bone. 2016 , 27, 3073-82	16
283	Cone-beam CT to assess bony fusion following anterior cervical interbody fusion. 2016 , 25 Suppl 1, 134-9	2
282	Photogrammetric method to measure the discrepancy between clinical and software-designed positions of implants. 2016 , 115, 703-11	7
281	The impact of different cone beam computed tomography and multi-slice computed tomography scan parameters on virtual three-dimensional model accuracy using a highly precise ex´vivo evaluation method. 2016 , 44, 632-6	8
280	Retrospective study to determine the accuracy of template-guided implant placement using a novel nonradiologic evaluation method. 2016 , 121, e72-9	23
279	Radiation dose of cone-beam computed tomography compared to conventional radiographs in orthodontics. 2016 , 77, 9-15	43
278	Comparison of different methods to assess alveolar cleft defects in cone beam CT images. 2016 , 45, 20150332	15
277	Ex vivo evaluation of new 2D and 3D dental radiographic technology for detecting caries. 2016 , 45, 20150281	27

(2017-2016)

276	Relationship between maxillary sinus pathologies and maxillary posterior tooth periapical pathologies. 2016 , 32, 180-186	5
275	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
274	The status of cephalometry in the prediction of non-CPAP treatment outcome in obstructive sleep apnea patients. 2016 , 27, 56-73	26
273	Rapid-maxillary-expansion induced rhinological effects: a retrospective multicenter study. 2016 , 273, 679-87	6
272	Ionizing Radiation in Craniofacial Surgery: A Primer on Dose and Risks. 2017, 54, 446-452	4
271	Skin entrance dose with and without lead apron in digital panoramic radiography for selected sensitive body regions. 2017 , 21, 1327-1333	5
270	Clinical and radiological analysis of osteochondromas of the mandible using cone-beam computed tomography. 2017 , 33, 8-15	1
269	Performance of cone-beam computed tomography and multidetector computed tomography in diagnostic imaging of the midface: A comparative study on Phantom and cadaver head scans. 2017 , 27, 790-800	31
268	Diagnostic accuracy of periapical radiography and cone beam computed tomography in detecting apical periodontitis using histopathological findings as a reference standard. 2017 , 50, 417-426	54
267	Investigation of an optimized scanning protocol for the dentomaxillofacial region using 320-slice multidetector computed tomography. 2017 , 46, 20160395	3
266	Evaluation of Sella Turcica Shape and Dimensions in Cleft Subjects Using Cone-Beam Computed Tomography. 2017 , 26, 280-285	10
265	Cone-Beam Computed Tomography in Implant Dentistry: Back to the Future. 2017 , 75, 655	3
264	Evaluation of the diagnostic efficacy of two cone beam computed tomography protocols in reliably detecting the location of the inferior alveolar nerve canal. 2017 , 46, 20160389	4
263	Cone beam computed tomography for dental and maxillofacial imaging: technique improvement and low-dose protocols. 2017 , 122, 581-588	26
262	The role of cone beam CT in the study of symptomatic total knee arthroplasty (TKA): a 20 cases report. 2017 , 90, 20160925	9
261	Head and neck effective dose and quantitative assessment of image quality: a study to compare cone beam CT and multislice spiral CT. 2017 , 46, 20170030	29
260	Peridental bone changes after orthodontic tooth movement with fixed appliances: A cone-beam computed tomographic study. 2017 , 87, 672-680	24
259	Influence of CT parameters on STL model accuracy. 2017 , 23, 678-685	13

258	Capability of CBCT to identify patients with low bone mineral density: a systematic review. 2017 , 46, 20160475	23
257	Combined preoperative measurement of three inferior alveolar canal factors using computed tomography predicts the risk of inferior alveolar nerve injury during lower third molar extraction. 2017 , 46, 1479-1483	11
256	Two examples of indication specific radiation dose calculations in dental CBCT and Multidetector CT scanners. 2017 , 41, 71-77	26
255	Efficacy of Different Cone-beam Computed Tomographic Protocols in the Identification of Mesiobuccal Canals of Maxillary First Molars: A Tomographic and Ex Vivo Study. 2017 , 43, 810-815	9
254	Impact of prone, supine and oblique patient positioning on CBCT image quality, contrast-to-noise ratio and figure of merit value in the maxillofacial region. 2017 , 46, 20160418	4
253	Foramen arcuale: a rare morphological variation located in atlas vertebrae. 2017, 39, 877-884	6
252	Evaluation of the accuracy of linear measurements on multi-slice and cone beam computed tomography scans to detect the mandibular canal during bilateral sagittal split osteotomy of the mandible. 2017 , 46, 296-302	11
251	Clinical anatomy and surgical significance of the lingual foramina and their canals. 2017, 30, 194-204	34
250	Absorbed dose to the eye lens during dental radiography. 2017 , 33, 246-250	2
249	Sinus floor elevation procedures to enable implant placement and integration: techniques, biological aspects and clinical outcomes. 2017 , 73, 103-120	61
248	The Use of Cone-Beam Computed Tomography in Management of Patients Requiring Dental Implants: An American Academy of Periodontology Best Evidence Review. 2017 , 88, 946-959	35
247	Detection of Incomplete Root Fractures in Endodontically Treated Teeth Using Different High-resolution Cone-beam Computed Tomographic Imaging Protocols. 2017 , 43, 1720-1724	13
246	Evaluation of tooth root surface area using a three-dimensional scanning technique and cone beam computed tomographic reconstruction in vitro. 2017 , 84, 13-18	3
245	Flat Panel Angiography in the Cross-Sectional Imaging of the Temporal Bone: Assessment of Image Quality and Radiation Dose Compared with a 64-Section Multisection CT Scanner. 2017 , 38, 1998-2002	10
244	Development of a paediatric head voxel model database for dosimetric applications. 2017 , 90, 20170051	6
243	Morphometric Analysis of Sella Turcica Using Cone Beam Computed Tomography. 2017 , 28, e70-e74	12
242	Long-term results of secondary alveolar bone grafting using a technique to harvest pure calvarial cancellous bone: Evaluation based on plain radiography and computed tomography. 2017 , 70, 352-359	13
241	Accuracy of half-exposure time in cone-beam computed tomography imaging for the detection of surface osseous changes in the temporomandibular joint. 2017 , 33, 124-132	2

240	Is Cone-Beam Computed Tomography Always Necessary for Dental Implant Placement?. 2017 , 75, 285-289	17
239	Mehr Sicherheit in der geffirten Implantologie. 2017 , 10, 244-251	
238	Evaluation of the position of the posterior superior alveolar artery in relation to the maxillary sinus using the Cone-Beam computed tomography scans. 2017 , 9, e394-e399	11
237	Cone beam computed tomographic evaluation of styloid process: A retrospective study of 1000 patients. 2017 , 11, 210-215	5
236	Comparison of 2 root surface area measurement methods: 3-dimensional laser scanning and cone-beam computed tomography. 2017 , 47, 117-122	4
235	Prevalence and location of the posterior superior alveolar artery using cone-beam computed tomography. 2017 , 47, 39-44	16
234	Accuracy of Bone Measurements in the Vicinity of Titanium Implants in CBCT Data Sets: A Comparison of Radiological and Histological Findings in Minipigs. 2017 , 2017, 3848207	5
233	Introduction to Cone Beam Computed Tomography. 2017 , 304-306	
232	Maxillary Cortical Bone Thickness in a South-Eastern Anatolian Population: A Cone-Beam Computed Tomography Study. 2017 , 23, 5812-5817	6
231	Dosimetry in CBCT with Different Protocols: Emphasis on Small FOVs Including Exams for TMJ. 2017 , 28, 511-516	12
230	Intraoperative 3-D-Bildgebung als Ergfizung oder Ersatz der intraoperativen Navigation?. 2017 , 10, 190-196	2
229	Computed tomography assessment of temporomandibular joint position and dimensions in patients with class II division 1 and division 2 malocclusions. 2017 , 9, e417-e423	6
228	Association between demographic and radiographic characteristics of the schneiderian membrane and periapical and periodontal diseases using cone-beam computed tomography scanning: A retrospective study. 2017 , 11, 170-176	7
227	Imaging Factors Impacting on Accuracy and Radiation Dose in 3D Printing. 2018 , 17, 582-587	1
226	3D cone beam computed tomography reconstruction images in diagnosis of ameloblastomas of lower jaw: A case report and mini review. 2018 , 26, 133-140	
225	Application of radiopaque micro-particle fillers for 3-D imaging of periodontal pocket analogues using cone beam CT. 2018 , 34, 619-628	2
224	Detection of simulated vertical root fractures; which is better multi-detector computed tomography or cone beam computed tomography?. 2018 , 49, 60-65	
223	Irradiation provided by dental radiological procedures in a pediatric population. 2018, 103, 112-117	19

222	Accuracy and precision of manual segmentation of the maxillary sinus in MR images-a method study. 2018 , 91, 20170663	10
221	Accuracy of MDCT and CBCT in three-dimensional evaluation of the oropharynx morphology. 2018 , 40, 58-64	15
220	Trends in maxillofacial imaging. 2018 , 73, 4-18	23
219	Evidence of genotoxicity and cytotoxicity of X-rays in the oral mucosa epithelium of adults subjected to cone beam CT. 2018 , 47, 20170160	8
218	Grafting materials for alveolar cleft reconstruction: a systematic review and best-evidence synthesis. 2018 , 47, 345-356	32
217	Radiographic Evaluation of Sleep-Disordered Breathing. 2018 , 56, 177-185	5
216	Evaluation of the Anastomosis Canal in Lateral Maxillary Sinus Wall With Cone Beam Computerized Tomography: A Clinical Study. 2018 , 44, 5-13	1
215	Cone-beam CT in paediatric dentistry: DIMITRA project position statement. 2018 , 48, 308-316	99
214	Development of a New Cone-Beam Computed Tomography Software for Endodontic Diagnosis. 2018 , 29, 517-529	27
213	Absorbed doses in salivary and thyroid glands from panoramic radiography and cone beam computed tomography. 2018 , 34, 31-36	2
212	Evaluation of the relationship between maxillary posterior teeth and the maxillary sinus floor using cone-beam computed tomography. 2018 , 18, 164	21
211	The effect of varying cone beam computed tomography image resolution and field-of-view centralization on effective radiation dose. 2018 , 39, 470-475	3
210	Hand-wrist, knee, and foot-ankle dosimetry and image quality measurements of a novel extremity imaging unit providing CBCT and 2D imaging options. 2018 , 45, 4955-4963	9
209	Diagnostic reliability of low dose multidetector CT and cone beam CT in maxillofacial trauma-an experimental blinded and randomized study. 2018 , 47, 20170423	10
208	Differentiation of periapical granulomas and cysts by using dental MRI: a pilot study. 2018, 10, 17	24
207	Evaluation of mandibular odontogenic keratocyst and ameloblastoma by panoramic radiograph and computed tomography. 2018 , 47, 20170288	17
206	Clinical considerations and potential liability associated with the use of ionizing radiation in orthodontics. 2018 , 154, 15-25	10
205	Sex determination of Han adults in Northeast China using cone beam computer tomography. 2018 , 289, 450.e1-450.e7	6

204	CBCT and MRT imaging in patients clinically diagnosed with temporomandibular joint arthralgia. 2018 , 4, e00641	9
203	Morphofunctional evaluation of buccopharyngeal space using three-dimensional cone-beam computed tomography (3D-CBCT). 2018 , 220, 1-8	2
202	Flat-panel CT versus 128-slice CT in temporal bone imaging: Assessment of image quality and radiation dose. 2018 , 106, 106-113	14
201	Estimation of the effective dose of dental cone-beam computed tomography using personal computer-based Monte Carlo software. 2018 , 48, 21-30	6
200	Investigation of zero TE MR in preoperative planning in dentistry. 2018 , 54, 77-83	4
199	Cell therapy induced regeneration of severely atrophied mandibular bone in a clinical trial. 2018 , 9, 213	74
198	Estimated radiation risk of cancer from dental cone-beam computed tomography imaging in orthodontics patients. 2018 , 18, 131	14
197	An optimized imaging protocol for orofacial cleft patients. 2018 , 4, 152-157	5
196	Assessment of dentofacial growth deviation in juvenile idiopathic arthritis: Reliability and validity of three-dimensional morphometric measures. 2018 , 13, e0194177	17
195	Evaluation of maxillary buccal alveolar bone before and after orthodontic alignment without extractions: A cone beam computed tomographic study. 2018 , 88, 748-756	19
194	CBCT and Micro-CT on the Study of Root Canal Anatomy. 2019 , 89-180	3
193	Evaluation of lower anterior dental changes in patients treated with self-ligating brackets. 2019 , 9, 183-186	2
192	From manual periodontal probing to digital 3-D imaging to endoscopic capillaroscopy: Recent	11
	advances in periodontal disease diagnosis. 2019 , 54, 1-9	
191	advances in periodontal disease diagnosis. 2019 , 54, 1-9 Factors influencing the effective dose associated with CBCT: a systematic review. 2019 , 23, 1319-1330	11
191 190		11
	Factors influencing the effective dose associated with CBCT: a systematic review. 2019 , 23, 1319-1330 Three-Dimensional Simulation of Root Position Through a Combined Technique Using Cone-Beam	7
190	Factors influencing the effective dose associated with CBCT: a systematic review. 2019 , 23, 1319-1330 Three-Dimensional Simulation of Root Position Through a Combined Technique Using Cone-Beam Computed Tomography and a Digital Model. 2019 , 53, 126-134 Comparison of cone-beam computed tomography and panoramic radiography in the evaluation of maxillary sinus pathology related to maxillary posterior teeth: Do apical lesions increase the risk of	

186	The growing concern of radiation dose in paediatric dental and maxillofacial CBCT: an easy guide for daily practice. 2019 , 29, 7009-7018	20
185	Accuracy of triangular meshes of stone models created from DICOM cone beam CT data. 2019 , 5, 20	2
184	Cone-Beam Computed Tomography in Orthodontics. 2019 , 7,	23
183	Diagnostic Imaging Principles and Applications in Head and Neck Pathology. 2019 , 173-253	2
182	Simple computation of the approximated modulation transfer function (MTF) using spreadsheet-software: method and evaluation in five maxillofacial CBCT-devices. 2019 , 48, 20180350	3
181	Evaluation of Size and Location of a Mental Foramen in the Polish Population Using Cone-Beam Computed Tomography. 2019 , 2019, 1659476	9
180	Cone Beam Computed Tomography-Based Anatomical Assessment of the Olfactory Fossa. 2019 , 2019, 4134260	3
179	Automatic Registration for Navigation at the Anterior and Lateral Skull Base. 2019 , 128, 894-902	5
178	Image Processing Pipeline to Improve the Detection of Vertical Root Fractures in Digital Periapical Radiographs. 2019 , 253-258	
177	Should Cone Beam Computed Tomography Be Routinely Obtained in Implant Planning?. 2019 , 63, 363-379	3
176	3D Imaging for Craniofacial Anomalies. 2019 , 237-252	1
175	Analysis of biomechanical behavior of 3D printed mandibular graft with porous scaffold structure designed by topological optimization. 2019 , 5, 5	15
174	Three-dimensional evaluation of maxillary sinus volume in different age and sex groups using CBCT. 2019 , 276, 1493-1499	20
173	Accuracy of the evaluation of implant position using a completely digital registration method compared with a radiographic method. 2019 , 122, 537-542	7
172	A DETAILED CBCT STUDY OF 'CORONOID FORAMINA' AND ACCESSORY FORAMINA OF THE MANDIBLE: A UNIQUE ANATOMIC VARIATION. 2019 , 58, 693-700	0
171	ESTIMATION OF EFFECTIVE DOSE OF DENTAL X-RAY DEVICES. 2019 , 183, 417-421	12
170	Characteristics and dimensions of the infraorbital canal: a radiographic analysis using cone beam computed tomography (CBCT). 2019 , 41, 169-179	4
169	Comparability of dental implant site ridge measurements using ultra-low-dose multidetector row computed tomography combined with filtered back-projection, adaptive statistical iterative reconstruction, and model-based iterative reconstruction. 2019, 35, 280-286	7

168	Application of fused image in detecting abnormalities of temporomandibular joint. 2019, 48, 20180129	6
167	Imaginological characterization of multiple myeloma lesions of the jaws through cone-beam computed tomography. 2020 , 36, 168-176	1
166	Computational dosimetry in a pediatric i-CAT procedure using virtual anthropomorphic phantoms. 2020 , 167, 108236	
165	What are the risk factors for maxillary sinus pathologies? A CBCT study. 2020 , 36, 80-84	5
164	Is the maxillary sinus volume affected by concha bullosa, nasal septal deviation, and impacted teeth? A CBCT study. 2020 , 277, 227-233	2
163	Morphometric analysis of occipital condyles using alternative imaging technique. 2020 , 42, 161-169	2
162	Three-dimensional evaluation of mandibular volume in patients with cleft lip and palate during the deciduous dentition period. 2020 , 90, 85-91	2
161	Assessment of potential reduction in multidetector computed tomography doses using FBP and SAFIRE for detection and measurement of the position of the inferior alveolar canal. 2020 , 129, 65-71.e7	6
160	Morphometric Analysis of Sella Turcica Using Cone-Beam Computed Tomography in Patients With Cleft Lip and Palate. 2020 , 31, 306-309	2
159	Custom-Made Total Talonavicular Replacement in a Professional Rock Climber: Functional Evaluation With Gait Analysis and 3-Dimensional Medical Imaging in Weightbearing at 5 Years' Follow-Up. 2020 , 59, 1118-1127	О
158	Organ dose and radiogenic risk in dental cone-beam computed tomography examinations. 2020 , 176, 108971	1
157	Comparing the Diagnostic Accuracy of CBCT Grayscale Values with DXA Values for the Detection of Osteoporosis. 2020 , 10, 4584	4
156	Assessment of the cortical bone thickness by CT-scan and its association with orthodontic implant position in a young adult Eastern Mediterranean population: A cross sectional study. 2020 , 18, 246-257	3
155	A review of virtual planning software for guided implant surgery - data import and visualization, drill guide design and manufacturing. 2020 , 20, 251	15
154	The influence of voxel size and artifact reduction on the detection of vertical root fracture in endodontically treated teeth. 2021 , 79, 354-358	1
153	ESTIMATING RADIATION DOSE TO MAJOR ORGANS IN DENTAL X-RAY EXAMINATIONS: A PHANTOM STUDY. 2020 , 192, 328-334	4
152	Insight in to the Awareness of CBCT as an Imaging Modality in the Diagnosis and Management of ENT Disorders: A Cross Sectional Study. 2020 , 1	
151	3D Assessment of Endodontic Lesions with a Low-Dose CBCT Protocol. 2020 , 8,	6

150	Evaluation of Mandibular First Molars' Axial Inclination and Alveolar Morphology in Different Facial Patterns: A CBCT Study. 2020 , 14, 250-259	2
149	Outcomes of different radioprotective precautions in children undergoing dental radiography: a systematic review. 2020 , 21, 463-508	10
148	Measurement of the Pediatric and Adult Osseous External Auditory Canal: Implications for Transcanal Endoscopic Ear Surgery. 2020 , 41, e712-e719	3
147	CBCT does not reduce neurosensory disturbances after third molar removal compared to panoramic radiography: a systematic review and meta-analysis. 2020 , 24, 1137-1149	14
146	Radiation dosimetry analyses of radiographic imaging systems used for orthodontic treatment: comparison among child, adolescent, and adult patients. 2021 , 37, 245-250	O
145	A review of dental cone-beam CT dose conversion coefficients. 2021 , 50, 20200225	4
144	Three-dimensional virtual surgical planning (3D-VSP) in orthognathic surgery: Advantages, disadvantages and pitfalls. 2021 , 48, 52-63	1
143	Do different cone beam computed tomography exposure protocols influence subjective image quality prior to and after root canal treatment?. 2021 , 25, 2119-2127	4
142	X-ray dose reduction using additional copper filtration for dental cone beam CT. 2021 , 81, 302-307	O
141	Feasibility of photon-counting spectral CT in dental applications-a comparative qualitative analysis. 2021 , 7, 4	4
140	CT scan evaluation of the distance between maxillary sinus floor and maxillary teeth apices. 2021 , 11, 18-23	
139	Three-dimensional computed tomographic assessment of mandibular muscles in growing subjects with different vertical facial patterns. 2021 , 32, 2-17	3
138	Computer-Assisted Surgery and Intraoperative Navigation in Acute Maxillofacial Trauma Repair. 2021 , 39-53	
137	Cone Beam Computerized Tomography Imaging for Orthodontic Diagnosis. 2021 , 55-91	
136	Computer-Guided Implant Dentistry. 2021 , 267-275	1
135	Strahlenbelastung und Strahlenschutz bei der Digitalen Volumentomographie. 2021 , 39-57	
134	Topographic relationship between maxillary sinus and roots of posterior teeth: a cone beam tomographic analysis. 2021 , 55, 39-44	0
133	MONTE CARLO DOSE ASSESSMENT IN DENTAL CONE-BEAM COMPUTED TOMOGRAPHY. 2021 , 193, 190-199	1

132 Thermoluminescent dosimetry of panoramic radiography. **2021**, 45, 22-28

131	A Literature Review of Rapid Prototyping and Patient Specific Implants for the Treatment of Orbital Fractures 2022 , 15, 83-89	
130	Cone-Beam Computed Tomography: A User-Friendly, Practical Roadmap to the Planning and Execution of Every Rhinoplasty-A 5-Year Review. 2021 , 147, 749e-762e	2
129	Large Rhinolith Mimicking Atypical Odontogenic Pain: Case Report and Brief Review of the Literature. 2021 , 2021, 5550187	
128	Influence of the Periapical Status of the Posterior Maxillary Teeth on the Width of the Schneiderian Membrane of the Maxillary Sinus Mucosa. 2021 , 11, 3908	О
127	Evaluation of various low-dose cone-beam computed tomography protocols in the diagnosis of specific condylar defects. 2021 , 159, 491-501.e2	
126	Projected lifetime cancer risk from cone-beam computed tomography for orthodontic treatment. 2021 , 51, 189-198	О
125	EFFECTIVE DOSES AND RADIATION RISKS FROM COMMON DENTAL RADIOGRAPHIC, PANORAMIC AND CBCT EXAMINATIONS. 2021 , 195, 296-305	O
124	Comparative analysis of the accuracy of periapical radiography and cone-beam computed tomography for diagnosing complex endodontic pathoses using a gold standard reference - A prospective clinical study. 2021 , 54, 1448-1461	4
123	Radiographic Evaluation of Prosthodontic Patients. 2021 , 65, 605-621	O
122	A meta-review of effective doses in dental and maxillofacial cone beam CT using the ROBIS tool. 2021 , 94, 20210042	1
121	The relationship between three-dimensional craniofacial and upper airway anatomical variables and severity of obstructive sleep apnoea in adults. 2021 ,	2
120	Evaluation of the effect of periapical lesions and other odontogenic conditions on maxillary sinus mucosal thickness characteristics and mucosal appearance: A CBCT study. 2021 , 15, 163-171	1
119	Aerodynamic characteristics in upper airways among orthodontic patients and its association with adenoid nasopharyngeal ratios in lateral cephalograms. 2021 , 21, 127	O
118	Does a preoperative cone beam CT reduce complication rates in the surgical removal of complex lower third molars? A retrospective study including 486 cases. 2021 , 17, 33	О
117	Assessment of Anterior Loop of Inferior Alveolar Nerve and Its Anatomic Variations with Age, Gender, and Dentition Status in Indian Population: A CBCT Study. 2021 , 2021, 1813603	
116	A NOVEL METHOD FOR ESTIMATING PATIENT-SPECIFIC PRIMARY DOSE IN CONE-BEAM COMPUTED TOMOGRAPHY. 2021 , 196, 71-84	
115	Clinical, Radiographic and Histological Assessments of a Rare Case of Intraosseous Arteriovenous Malformation in Maxilla Occurred During Pregnancy: A Case Report. 2021 , 15, 215-219	

114	Evaluation of the CBCT imaging accuracy in the volumetric assessment of unilateral alveolar cleft. 2021 , 122, e1-e5	О
113	Ultrasonography for noninvasive and real-time evaluation of peri-implant soft and hard tissue: a case series. 2021 , 7, 95	О
112	Soft and Hard Tissue Changes Subsequent to Spontaneous Healing of the Extraction Sockets Using Cone-Beam Computed Tomography: A Cross-Sectional Study. 1	
111	Occupational and patients effective radiation doses in dental imaging. 2021, 177, 109899	1
110	Modern 3D cephalometry in pediatric orthodontics-downsizing the FOV and development of a new 3D cephalometric analysis within a minimized large FOV for dose reduction. 2021 , 25, 4651-4670	1
109	Evaluation of the location of mental foramen by cone-beam computed tomography for patients visiting dental clinics at Qassim University. 538-544	
108	Cephalometric assessment of soft tissue morphology of patients with acromegaly. 2021, 32, 48-54	1
107	Calculi of the Parotid Gland. 2021 , 120-135	
106	Applications of CBCT in Orthodontics. 2018 , 645-714	1
105	Digital Technology in Endodontic Practice. 2011 , 969-1006	1
105	Digital Technology in Endodontic Practice. 2011 , 969-1006 Cone-Beam Computed Tomography. 2014 , 185-198	6
104	Cone-Beam Computed Tomography. 2014 , 185-198 Cone-beam computed tomography and its applications in dental and maxillofacial radiology. 2020 ,	6
104	Cone-Beam Computed Tomography. 2014 , 185-198 Cone-beam computed tomography and its applications in dental and maxillofacial radiology. 2020 , 75, 647-657 Comparison of the CTDI and AAPM report No. 111 methodology in adult, adolescent, and child	6 9
104	Cone-Beam Computed Tomography. 2014, 185-198 Cone-beam computed tomography and its applications in dental and maxillofacial radiology. 2020, 75, 647-657 Comparison of the CTDI and AAPM report No. 111 methodology in adult, adolescent, and child head phantoms for MSCT and dental CBCT scanners. 2017, 4, 031212 3D imaging: the role of cone-beam computed tomography in dentistry: special reference to current	6 9 4
104 103 102	Cone-Beam Computed Tomography. 2014, 185-198 Cone-beam computed tomography and its applications in dental and maxillofacial radiology. 2020, 75, 647-657 Comparison of the CTDI and AAPM report No. 111 methodology in adult, adolescent, and child head phantoms for MSCT and dental CBCT scanners. 2017, 4, 031212 3D imaging: the role of cone-beam computed tomography in dentistry: special reference to current guidelines. 2012, 3, 152-157 Evaluation of 3-dimensional superimposition techniques on various skeletal structures of the head	6 9 4
104 103 102 101	Cone-Beam Computed Tomography. 2014, 185-198 Cone-beam computed tomography and its applications in dental and maxillofacial radiology. 2020, 75, 647-657 Comparison of the CTDI and AAPM report No. 111 methodology in adult, adolescent, and child head phantoms for MSCT and dental CBCT scanners. 2017, 4, 031212 3D imaging: the role of cone-beam computed tomography in dentistry: special reference to current guidelines. 2012, 3, 152-157 Evaluation of 3-dimensional superimposition techniques on various skeletal structures of the head using surface models. 2015, 10, e0118810 Characterization of Scattered X-Ray Photons in Dental Cone-Beam Computed Tomography. 2016,	6 9 4 0

(2012-2017)

96	Reliability of cone beam computed tomography as a biopsy-independent tool in differential diagnosis of periapical cysts and granulomas: An Study. 2017 , 20, 326-331	11
95	Assessment of alveolar defect volume in unilateral cleft lip and palate patients using a free software program. 2013 , 03, 31-36	1
94	Clinical Significance of Pathological and Anatomical Findings in Cone Beam CT Scans of the Maxillary Sinus. 2014 , 04, 285-290	2
93	Cone Beam Computed Tomography-based Evaluation of the Anterior Teeth Position Changes obtained by Passive Self-ligating Brackets. 2016 , 17, 623-9	1
92	Prevalence, Location, and Size of Maxillary Sinus Septa: Computed Tomography Scan Analysis. 2017 , 18, 11-15	3
91	Comparison of Swedish and Norwegian Use of Cone-Beam Computed Tomography: a Questionnaire Study. 2015 , 6, e2	10
90	A Comparison between Two-Dimensional and Three-Dimensional Cephalometry on Lateral Radiographs and Multi-Detector Row Computed Tomography of Human Skulls. 2010 , 9, 101-107	3
89	Beam Hardening Artifacts: Comparison between Two Cone Beam Computed Tomography Scanners. 2012 , 6, 49-53	31
88	Investigating the Effect mA Variation on Absorbed Dose to Salivary Glands and Mandible Body in CBCT. 2018 , In Press,	1
87	Current Status of Dental Cone-Beam Computed Tomography. 2013 , 33, 2-11	1
86	Current Status of Dental Cone-Beam Computed Tomography. 2013, 33, 2-11 Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021, 48, 7074-7088	2
86	Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021 , 48, 7074-7088 [Radiographic examinations for oral and maxillofacial regions -examination technique for another	
86	Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021 , 48, 7074-7088 [Radiographic examinations for oral and maxillofacial regions -examination technique for another disease]. 2009 , 65, 79-86	
86 85 84	Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021 , 48, 7074-7088 [Radiographic examinations for oral and maxillofacial regions -examination technique for another disease]. 2009 , 65, 79-86 Bibliographie. 2009 , 281-302	
86 85 84 83	Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021, 48, 7074-7088 [Radiographic examinations for oral and maxillofacial regions -examination technique for another disease]. 2009, 65, 79-86 Bibliographie. 2009, 281-302 Accuracy of the First Integrated Cone-Beam System for Computer Aided Implantology. 2010, 184-203	
86 85 84 83 82	Inferior alveolar canal segmentation based on cone-beam computed tomography. 2021, 48, 7074-7088 [Radiographic examinations for oral and maxillofacial regions -examination technique for another disease]. 2009, 65, 79-86 Bibliographie. 2009, 281-302 Accuracy of the First Integrated Cone-Beam System for Computer Aided Implantology. 2010, 184-203 Introduction. 2010, 1-9	

78	Prescribing Diagnostic Imaging. 2014 , 259-270	
77	Oral Pathology and Imaging. 2015 , 99-116	
76	Orthodontic Correction of a Mandibular Lateral Incisor and Canine Incomplete Transposition in the Permanent Dentition. 2015 , 28, 55-63	
75	Is There a Relationship Between Maxillary Sinus Findings and Skeletal Malocclusion?. 2015 , 28, 44-47	
74	Introduction to MDCT Imaging. 2016 , 340-345	
73	Radiation Dose in CBCT. 2016 , 336-339	
72	Dosimetry of Three Cone Beam Computerized Tomography Scanners at Different Fields of View in Terms of Various Head and Neck Organs. 2016 , 13, e34220	2
71	Performance of the Working Length Determination using Cone Beam Computed Tomography, Radiography and Electronic Apex Locator, in Comparisons to Actual Length. 2016 , 14,	1
70	TWO DIMENSIONAL VERSUS THREE DIMENSIONAL IMAGING IN ENDODONTICS - AN UPDATED REVIEW. 2016 , 5, 6287-6293	
69	Dosimetry of Occupational Radiation around Panoramic X-ray Apparatus. 2019 , 9, 525-532	O
68	Diagnostic Imaging Principles and Applications in Head and Neck Pathology. 2017 , 1-80	
67	CBCT Use in Daily Practice. 2018 , 115-189	1
66	The effect of different exposure parameters on proximal caries detection using the Kodak 9000 3D CBCT system. 2017 , 65, 315-320	
65	Quantitative Performance Evaluation of Mobile Cone-Beam CT for Head and Neck Imaging. 2019, 63-67	
64	3D Imaging for Craniomaxillofacial Applications in Orthognathic and Facial Surgery Planning. 2019 , 255-281	
63	Evaluation of the reliability of a new low dose CBCT acquisition protocol in diagnosing impacted canines: an ex-vivo imaging study. 2019 ,	
62	Optimizing voxel-wise dose calculations in cone-beam computed tomography. 2019,	
61	Flat-panel conebeam CT in the clinic: history and current state. 2021 , 8, 052115	Ο

60	Cone-beam computed tomography of mandibular foramen and lingula for mandibular anesthesia. 2020 , 50, 125-132	4
59	Structural features of the temporomandibular joint in patients with gnathic mesial occlusion. 2020 , 24, 301-305	
58	Imaging: The Role of CT Scan, Cone-Beam and MRI in the Diagnosis of Atrophic Rhinitis. 2020, 99-106	
57	Diagnostik af ekstern cervikal resorption – klinisk og radiologisk. 2020 , 45, 119-132	
56	Diagnostic Imaging for Zygomatic Implants. 2020 , 17-31	
55	Universal Measure for Medical Image Quality Evaluation Based on Gradient Approach. 2020 , 406-417	O
54	Reliability of Cone Beam Computed Tomography in Comparison with Panoramic Radiography to Predict the Anatomical Relationship of Inferior Alveolar Nerve with Mandibular Third Molar: A Radiological and Clinical Study. 2020 , 12, S367-S372	О
53	Comparison of the Mandibular Alveolar Bone Width in Skeletal Class III Malocclusion with Open Bite and Non-open Bite Using Cone-beam Computed Tomography. 2020 , 30, 244-256	
52	Planning of Large Odontogenic Cysts Treatment Using Panoramic and CBCT Images 45-53	
51	Salivary gland calculi - contemporary methods of imaging. 2010 , 75, 25-37	30
51 50	Salivary gland calculi - contemporary methods of imaging. 2010 , 75, 25-37 Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013 , 10, 376-81	30 10
	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed	
50	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013 , 10, 376-81	
50	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013 , 10, 376-81 Superior performance of cone beam tomography in detecting a calcaneus fracture. 2015 , 4, Doc09 Evaluation of Anatomic Variations in Maxillary Sinus with the Aid of Cone Beam Computed	10
50 49 48	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013, 10, 376-81 Superior performance of cone beam tomography in detecting a calcaneus fracture. 2015, 4, Doc09 Evaluation of Anatomic Variations in Maxillary Sinus with the Aid of Cone Beam Computed Tomography (CBCT) in a Population in South of Iran. 2016, 17, 7-15	10
50 49 48 47	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013, 10, 376-81 Superior performance of cone beam tomography in detecting a calcaneus fracture. 2015, 4, Doc09 Evaluation of Anatomic Variations in Maxillary Sinus with the Aid of Cone Beam Computed Tomography (CBCT) in a Population in South of Iran. 2016, 17, 7-15 Prevalence of Soft Tissue Calcifications in CBCT Images of Mandibular Region. 2017, 18, 88-94 Direct Linear Measurement of Root Dentin Thickness and Dentin Volume Changes with Post Space	10
50 49 48 47 46	Beam hardening artifacts by dental implants: Comparison of cone-beam and 64-slice computed tomography scanners. 2013, 10, 376-81 Superior performance of cone beam tomography in detecting a calcaneus fracture. 2015, 4, Doc09 Evaluation of Anatomic Variations in Maxillary Sinus with the Aid of Cone Beam Computed Tomography (CBCT) in a Population in South of Iran. 2016, 17, 7-15 Prevalence of Soft Tissue Calcifications in CBCT Images of Mandibular Region. 2017, 18, 88-94 Direct Linear Measurement of Root Dentin Thickness and Dentin Volume Changes with Post Space Preparation: A Cone-Beam Computed Tomography Study. 2018, 9, 77-82 Application of cone beam computed tomography in facial soft tissue thickness measurements for	10 4 1

42	Comparison of Cone Beam Computed Tomography and Ultrasonography Imaging Methods in the Evaluation of Artificial Mandible Intraosseous Lesions. 2021 , 22, 198-205	
41	Craniofacial Osteomas: From Diagnosis to Therapy. 2021 , 10,	O
40	DCUK DÜHEKÜMLÜNDE KULLANILAN FARKLI RADYOGRAFÜTEKNÜKLERÜNDE RADYASYON DOZUNU AZALTICI DILEMLER. 1-1	
39	Temporomandibular Eklem DØensizlikleri Teßisinde Kullanlan GBtleme Yßtemleri.	
38	Artifacts [A hitch in CBCT. 2022 , 7, 169-173	
37	Vascular and neurosensory evaluation in relation to lingual canal anatomy after mandibular midline implant installation in edentulous patients 2022 , 26, 3311	
36	Impact of thyroid gland shielding on radiation doses in dental cone beam computed tomography with small and medium fields of view 2022 ,	O
35	Diagnostic usefulness of cone-beam computed tomography versus multi-detector computed tomography for sinonasal structure evaluation.	O
34	Oral administration of inorganic nitrate alleviated biological damage induced by cone-beam computed tomography examination in Wistar rats 2022 , 122-123, 19-25	0
33	Accuracy and Reliability of CBCT Compared to Clinical Probing in Detection of Trifurcation Defects: An In Vivo Study 2022 , 2022, 5805776	1
32	Direct linear measurement of root dentin thickness and dentin volume changes with post space preparation: A cone-beam computed tomography study. 2018 , 9, 77	3
31	Application of cone beam computed tomography in facial soft tissue thickness measurements for craniofacial reconstruction. 2019 , 23, 114	O
30	Effect of Low-Intensity Pulsed Ultrasound (LIPUS) on Alveolar Bone during Maxillary Expansion Using Clear Aligners 2022 , 2022, 4505063	0
29	Evaluation of alveolar antral anastomosis in south Indian population using cone beam computed tomography: a prospective study 2022 ,	
28	□omparison and correlation of the maxillary sinus dimensions in various craniofacial patterns: A CBCT Study □11, 488	
27	©omparison and correlation of the maxillary sinus dimensions in various craniofacial patterns: A CBCT Study□11, 488	
26	Three-Dimensional Distance Mapping Method to Evaluate Mandibular Symmetry and Morphology of Adults with Unilateral Premolar Scissors Bite. 2022 , 12, 5814	
25	Recommendations for imaging of the temporomandibular joint. Position statement from the American Academy of Oral and Maxillofacial Radiology (AAOMR) and the American Academy of Orofacial Pain (AAOP). 2022 ,	O

24	THREE DIMENSIONAL EVALUATION OF THE EFFECT OF RAPID MAXILLARY EXPANSION ON MAXILLARY SINUS VOLUME. 2022 ,	
23	Assessment of the Relationship between Maxillary Posterior Teeth and Maxillary Sinus Using Cone-Beam Computed Tomography. 2022 , 2022, 1-7	
22	Spheno-Occipital Synchondrosis Fusion Degree as an Age Estimation Tool: A Cone-Beam Computed Tomography Study. 2022 , 19,	
21	A 3-Dimensional Evaluation of Bone Density in Alveolar Cleft Grafting Methods: Bone Substitutes Versus Autologous Bone. Publish Ahead of Print,	O
20	Differential Diagnosis of Oral Disease. 2022 , 873-889	0
19	The prevalence and location of the posterior superior alveolar artery in the maxillary sinus wall: A preliminary computed-cone beam study. 2022 ,	0
18	CBCT Evaluation of Buccolingual Orientation of Inferior Alveolar Canal in Mandibular Posterior Region for Implant Planning. 2022 , 2022, 1-8	0
17	Automatic Classification System for Periapical Lesions in Cone-Beam Computed Tomography. 2022 , 22, 6481	Ο
16	Evaluation of accessory mental foramen and accessory infraorbital foramen with cone-beam computed tomography in Turkish population.	0
15	Incidence of Maxillary Sinus Septa in the Saudi Population.	0
14	Age Estimation Using Maxillary Central Incisor Analysis on Cone Beam Computed Tomography Human Images. 2022 , 19, 13370	0
13	Diagnostik durch aktuelle bildgebende Verfahren. 2023 , 1-27	0
12	Developments and Performance of Artificial Intelligence Models Designed for Application in Endodontics: A Systematic Review. 2023 , 13, 414	0
11	Deep learning for automated segmentation of the temporomandibular joint. 2023, 132, 104475	0
10	Structure-preserving quality improvement of cone beam CT images using contrastive learning. 2023 , 158, 106803	0
9	Cone- beam computed tomography study of morphologic and morphometric characteristics of mental foramen in an Eastern Indian population. 2023 , 33, 200538	0
8	Should small volume CBCT imaging be used for managing complex dental trauma? a case report. 2023 , 50, 127-129	0
7	Does cone-beam computed tomography examination increase the micronuclei frequency in the oral mucosa exfoliated cells? A systematic review and meta-analysis. 2023 , 23,	Ο

6	Inferior Alveolar Canal Automatic Detection with Deep Learning CNNs on CBCTs: Development of a Novel Model and Release of Open-Source Dataset and Algorithm. 2023 , 13, 3271	0
5	CBCT Evaluation of Periapical Pathologies in Maxillary Posterior Teeth and Their Relationship with Maxillary Sinus Mucosal Thickening. 2023 , 11, 787	O
4	Cone Beam Computed Tomography in the Diagnosis of Dental Disease. 2010 , 38, 27-32	0
3	Radiation safety standards during 3D CBCT imaging: A review in dentistry. 2023 , 11, 8-11	O
2	Comparison of Dental Surgical Guides Created by Additive Manufacturing. 2022, 26, 30-37	0
1	Radiologist® Guide to Orthognathic Surgery. 2023 , 13, 35-45	Ο