

**The 18th ICDMFR Program Hiroshima**  
**May 25<sup>th</sup> ~ 29<sup>th</sup>, 2011,**

<b>Wednesday, May 25<sup>th</sup>, Room B, C</b>			
25C	0900-1730	IADMFR Board of Directors Meeting	
25B	1030-1230	JSOMR executive board meeting	
	1230-1430	JSOMR board meeting	
	1430-1530	JSOMR representative assembly	
	1530-1630	JSOMR General Assembly	
	1630-1730	JSOMR Hanamura memorial lecture (Masanori Shozushima), Chair: Makoto Tsuchimochi	
Mitaki-So	1830-2030	Get together (invited only; IADMFR board and organizing committee)	
<b>Thursday, May 26<sup>th</sup>, Room A</b>			
20A0	0900-1000	Opening ceremony	
26A1	Special Lecture, Hiroshima Report	Chair: Keiji Tanimoto	
1000-1015	SL-1	Takashi Hiraoka	The role of Hiroshima in the nuclear era
1015-1030			
1030-1045	HR-1	Nori Nakamura	How radiation exposure increased the risk of leukemia among atomic-bomb survivors?
1045-1100			
26A2	Imaging of tooth caries	Chair: Lise-Lotte Kirkevang, Takashi Sasano	
1100-1115	OP-1	Lise-Lotte Kirkevang	Incidence of caries lesions in approximal surfaces. A radiographic study of a general adult Danish population.
1115-1130	OP-2	Dong Lin Zeng	Evaluation of periodontal bone defects with cone beam CT.
1130-1145	OP-3	Dong Lin Zeng	Evaluation of root canal system of mandibular first molars using cone-beam computed tomography
1145-1200			
26A3	Case presentation-1	Chairs: ME Parker, Takashi Yosue	
1300-1315	OP-4	Endang Sukartini	A Retrospective Evaluating The Use of Radiograph for Overhang at Tarogong Indonesia
1315-1330	OP-5	Pornkawe Charoenlarp	Generations of inherited craniofacial bone dysplasia.
1330-1345	OP-6	Vajendra Joshi	Diagnostic imaging of an asymptomatic massive oral haemangioma: A case report
1345-1400	OP-7	Ian Knox Hamilton	Heroines of the nuclear age – The role and lives of four women in radiation risk in the 20th century(1)
1400-1415		Ian Knox Hamilton	Heroines of the nuclear age – The role and lives of four women in radiation risk in the 20th century(2)
1415-1430	<b>Break</b>		
26A4	Case presentation-2	Chairs: Onanong Silkosessak, Kazunori Yoshiura	
1430-1445	OP-8	Diah Indriastuti	Radiography projections to diagnose a dentigerous cyst.
1445-1500	OP-9	Onanong Silkosessak	Aggressive radicular cyst in maxillary anterior location: A case report
1500-1515	OP-10	Edward Chengchuan Ko	Exaggerated mandibular pre-angular notch resulted from a radicular cyst.
1515-1530	OP-11	Alireza Navab-azam	Diagnosis of Jacob's disease (pseudo joint formation between the zygomatic arch and osteochondroma of the coronoid process of mandible) by 3 Dimensional Computed Tomography scan
1530-1545	<b>Break</b>		
26A5	Research award	Chair: Sharon Brooks	
1545-1600	RA-1	Arnon Jaruakkra	Diagnostic accuracy of secondary caries by cone-beam computed tomography.
1600-1615	RA-2	Zhi-Ling Zhang	Measurement accuracy of temporomandibular joint space in ProMax 3D cone beam computed tomography images.
1615-1630	RA-3	Jennifer Christensen	Thermography as a quantitative imaging method for assessing postoperative inflammation.
1630-1645	RA-4	Bart Vandenberghe	The influence of exposure parameters on jaw bone model accuracy using CBCT and MDCT.
1645-1700	RA-5	Jigna V Raja	Texture analysis of CT images in characterization of cancers involving buccal mucosa.
1700-1715			
1715-1730	Research award committee (back stage room)		
<b>Thursday, May 26<sup>th</sup>, Room B</b>			
26B1	Swallowing	Chair: Eva Levring Jaghagen, Akitoshi Katsumata	
1100-1115	OP-12	Yukihiro Iida	Efficacy of head rotation in the control of the pathway of the food bolus through the pharynx.
1115-1130	OP-13	Kazuaki Harada	The utility of fluoroscopic study for patients with swallowing disorders.
1130-1145	OP-14	Masaru Konishi	Contrast agents used in the videofluoroscopic swallowing study.
1145-1200	OP-15	Eva Levring Jaghagen	Swallowing dysfunction in patients with head and neck squamous cell carcinoma treated with conventional or accelerated radiotherapy in the ARTSCAN study
26B2	Imaging of malignant neoplasms-1	Chair: Takafumi Hayashi, Minoru Fujita	
1300-1315	KN-1	Takafumi Hayashi	Imaging features of the in-transit deep submandibular lymph node metastases in patients with tongue SCC.
1315-1330			
1330-1345	OP-16	Mika Otonari-Yamamoto	Condition of adjacent bone involvement in palatal lesions.
1345-1400	OP-17	Agnieszka Trojanowska	Staging of squamous cell cancer - the role of CT perfusion.
1400-1415	OP-18	Piotr Trojanowski	Evaluation of possible metastases to lymph nodes with functional imaging studies.
1415-1430	<b>Break</b>		
26B3	Imaging of malignant neoplasms-2	Chair: Li-Min Lin, Makoto Tsuchimochi	
1430-1445	OP-19	Li-Min Lin	FDG-PET and ultrasound image findings for VX2-induced rabbit submandibular SCC.
1445-1500	OP-20	Makoto Tsuchimochi	Sentinel node imaging using silica nanoparticles with Tc-99m and ICG.
1500-1515	OP-21	Yoko Ichikawa	DWI of lymphomas and carcinomas in the nasopharynx and oropharynx
1515-1530			
1530-1545	<b>Break</b>		
<b>Thursday, May 26<sup>th</sup>, Room C</b>			
26C1	Imaging of impacted tooth	Chair: Reinhilde Jacobs, Eun-Kyung Kim	
1300-1315	OP-22	Sam Belly	Prevalence third molar agenesis and impaction among Indonesian people.
1315-1330	OP-23	Azhari	Characteristic of alveolar bone resorption in chronic periodontitis from CBCT.
1330-1345	OP-24	Reinhilde Jacobs	Presurgical assessment of impacted canines using 2D and 3D imaging.
1345-1400	OP-25	Ivo Lambrichts	Temporo-mandibular joint replacement by custom CAD-CAM titanium implants.
1400-1415	OP-26	Chiao-Ying Carolin Lin	Outcome evaluation of tooth autotransplantation : Case report and literature review
1415-1430	<b>Break</b>		
26C2	Imaging of the tooth and periodontal tissue	Chairs: Karin Nasstrom, Suhardjo Sitam	
1430-1445	OP-27	Masaru Konishi	Important technical parameters are not presented in studies on dental digital radiography in endodontic treatment. Results of a systemic review.
1445-1500	OP-28	Devy Firena Garna	Periodontal tissue radiographics from proximal restoration of Tarogong patients.
1500-1515	OP-29	Anna Muryani	Radiography description of overhanging proximal restoration at Tarogong.
1515-1530	OP-30	Aleksandar Milosavljevic	Caregivers assess patients with the same degree of periodontal disease differently.
1530-1545	<b>Break</b>		
<b>Thursday, May 26<sup>th</sup>, Room D, Symposium for Japanese General Practitioners (in Japanese)</b>			
<b>Symposium "Advanced diagnosis and treatment using CBCT"</b>			
26D1	1300-1730	Chair: Takashi Santanda, Kazuya Honda	
1300-1310	Opening Address	Eiichiro Arij, Keiji Tanimoto	
1310-1400	S-1	Yoshinori Arai	About the Cone Beam CT
1400-1450	S-2	Yasuhiro Morimoto et al	Usefulness of CBCT in endodontology
1500-1550	S-3	Yoritaka Yotsui	Usefulness of CBCT in periodontology
1550-1640	S-4	Taisuke Kawai	Usefulness of CBCT imaging in Oral Surgery, especially implant operation
1640-1725	S-5	Tsukasa Sano	CBCT in future, development and problems
1725-1730	Closing Address	Hiroshima Prefectural Dental Association	

<b>Friday, May 27<sup>th</sup>, Room A</b>			
27A1	Hiroshima Report		Chair: Keiji Tanimoto
0845-0900	HR-2	Kotaro Ozasa	Epidemiological studies of the late health effects of atomic-bomb radiation in Hiroshima and Nagasaki
0900-0915			
0915-0930			
0930-0945			
0945-1000	<b>Break</b>		
27A2	Anatomy		Chair: Jie Yang, Yoshinori Arai
1000-1015	KN-2	Jie Yang	Incidental Findings of Cone-beam CT in Skull Base and Cervical Spine
1015-1030			
1030-1045	OP-31	Saif Yousif Abdulla	Gender differences in the position of mandibular canal amongst the races in the Malaysian population using CBCT
1045-1100	OP-32	Johan Karel Aps	Nerve canals in the body of the mandible on CBCT – Consequences for mandibular anaesthesia.
1100-1115	OP-33	Silvina Friedlander-Barenboim	Incidental findings in the maxilla with CBCT imaging.
1115-1130	OP-34	Jie Yang	A retrospective study of vertical root fractures: CBCT & periapical radiography
<b>Friday, May 27<sup>th</sup>, Room B</b>			
27B1	Imaging technology-1		Chair: Gerard Sanderink, Menik Priaminiarti
1000-1015	KN-3	Takafumi Aoki, Eiko Kosuge	Image matching technology for forensic human identification
1015-1030			
1030-1045	OP-35	Yoshihiko Hayakawa	Successive and faster statistical reconstruction applied to streak artifact reduction in x-ray computed tomography image.
1045-1100	OP-36	Mahdis Mohammadpour	Designing and performance evaluation of software for analyzing the proximal posterior teeth caries
1100-1115	OP-37	Wisam Al-Rawi	Evaluation of imaging and physical properties of different digital intraoral sensors.
1115-1130			
<b>Friday, May 27<sup>th</sup>, Room C</b>			
27C1	Imaging of salivary gland		Chair: Philippe Katz, Eiji Nakayama
1000-1015	OP-38	Philippe Katz	Ultrasound is the gold standard for salivary gland diseases.
1015-1030	OP-39	Philippe Katz	Sialography : A major diagnostic and therapeutic tool.
1030-1045	OP-40	Siddharth Gupta	Sialendoscopy – A review.
1045-1100	OP-41	Eiji Nakayama	A development of ultrafine sialendoscopes for minimally invasive sialolithectomy.
1100-1115	OP-42	Rose Ngu	The accuracy of fine needle aspiration cytology (FNAC) in correctly predicting salivary gland lesion.
1115-1130	OP-43	Rose Ngu	Ultrasound can accurately differentiate pleomorphic adenoma from warthin's tumour.
<b>Saturday, May 28<sup>th</sup>, Room A</b>			
28A1	General health status-1		Chair: Dirk Schulze, Motoyasu Nakamura
0845-0900	KN-4	Dirk Schulze	Classification of bisphosphonate associated bone changes in the jaws with cone-beam computed tomography (CBCT)
0900-0915			
0915-0930			
0930-0945			
0945-1000	OP-44	Fahmi Oscandar	The trabecular structure alveolar bone in patient with type 2 DM from CBCT.
1000-1015	OP-45	Lusi Epsilawati	Characteristic of alveolar & cortical bone in patients with type 2 DM from CBCT.
1015-1030	OP-46	NB Pratidina	The alveolar bone density in patients with type 2 DM from CBCT.
1030-1045	OP-47	Rohit Agrawal	Nutrient Canals as an early diagnostic marker of Diabetes Mellitus.
			<b>Break</b>
28A2	General health status-2		Chair: Stuart White, Akira Taguchi
1045-1100	OP-48	Akira Taguchi	Panoramic radiography measure and silent lacunar infarction.
1100-1115	OP-49	Leila Khojastepour	Correlation between mandibular cortex and postmenopausal osteoporosis.
1115-1130	OP-50	Suk-Ja Yoon	Carotid calcifications on panoramic radiographs and peripheral arterial disease.
1130-1145	OP-51	Menik Priaminiarti	Dental radiographs in early detection of osteoporosis.
1145-1200	OP-52	Jan Ahlqvist	Screening for asymptomatic carotid stenoses in subjects with calcifications in the area of the carotid arteries seen in panoramic images
28A3	Imaging technology-2		Chair: Madeleine Rohlin, Hidehiko Hosoki
1300-1315	KN-5	Madeleine Rohlin	Cost evaluation of CBCT with examples from SEDENTEXTCT
1315-1330			
1330-1345	OP-53	Revan Kumar Joshi	Imaging of impacted teeth- comparative efficacy of CBVI over panoramic imaging.
1345-1400	OP-54	Ehsan Tavakoli Hosseini	Visualization of CBCT images.
1400-1415	OP-55	Georg Eggers	Artifact reduction in cone beam CT-A study on clinical image data.
1415-1430	OP-56	Ralf Kurt Willy Schulze	Patient movement during a seated CBCT-scan: An automated in vivo evaluation.
1430-1445			<b>Break</b>
28A4	Imaging technology-3		Chairs: Kristina Hellen-Halme, Kimishige Shimizutani
1445-1500	OP-57	Hirokazu Iwasaki	Development of a TMJ CAD System using Structured Reporting.
1500-1515	OP-58	Kristina Hellen-Halme	The effect of aging on luminance of standard LCD monitors.
1515-1530	OP-59	Trelia Boel	The cause of vomiting in patients during making intra-oral X-ray radiography.
1530-1545	OP-60	Onaong Silkosessak	Evaluation of electrolyzed acid water as film disinfectant.
1545-1600	OP-61	Suhardjo Sitam	Radiographic distortion to use bisecting technique on the Indonesian people.
1600-1615			<b>Break</b>
28A5	<b>IADMFR General Assembly</b>		
1615-1745	<b>IADMFR General Assembly</b>		
<b>Saturday, May 28<sup>th</sup>, Room B</b>			
28B1	Experimental studies-1		Chair: Ann Wenzel, Kazuya Honda
0845-0900	KN-6	Ann Wenzel	Detection of approximal cavitated caries lesions using CBCT and intraoral radiography.
0900-0915			
0915-0930			
0930-0945			
0945-1000	OP-62	Francisco Haiter-Neto	Detection of in vitro approximal enamel demineralization using CBCT and PSP digital systems with and without filter enhancement.
1000-1015	OP-63	Mats Nilsson	The influence of anatomical noise on low contrast properties and optimal exposure in digital intraoral imaging
1015-1030			
1030-1045			<b>Break</b>
28B2	Experimental studies-2		Chair: Edgar Hirsch, Keiichi Nishikawa
1045-1100	OP-64	Joerg Mudrak	Head motion artifacts in cone beam CT imaging simulated by a robot skull.
1100-1115	OP-65	Akitoshi Katsumata	Accurate linear measurement on panoramic 3D representation image.
1115-1130	OP-66	Edgar Hirsch	Comparison of the image quality CT vs. CBCT.
1130-1145	OP-67	Dirk Schulze	Semi-automated 3D lesion model in periodontal diagnostics using CBCT technology.
1145-1200	OP-68	Sushma Kaveriappa	Correlation of K9500 CBCT gray values and CT Hounsfield units: an in-vitro study
28B3	Implant imaging-1		Chair: Sharad Sahai, Eiichiro Arij
1300-1315	KN-7	Sharad Sahai	Post-operative Cone Beam CT imaging: Applications, processing and interpretation
1315-1330			
1330-1345	OP-69	Barunawaty Yunus	Measure CT-scan in jawbones as a correction to panoramic for implant placement.
1345-1400	OP-70	Jaakko Sakari Peltola	Pre surgical planning and patient specific implants using CBCT and CT data.
1400-1415	OP-71	Sangsom Prapayasadok	Direct coronal and reformatted cross-sectional CBCT images for pre-implant sites.
1415-1430	OP-72	Yong Suk Choi	Accuracy of a cone beam computed tomography-guided surgical stent for orthodontic mini-implant.

1430-1445	<b>Break</b>		
<b>28B4</b>	<b>Imaging of paranasal sinus</b>		<b>Chair: Wichitsak Cholitgul, Kenji Yuasa</b>
1445-1500	OP-73	Kaan Orhan	Relationship between adenoid vegetation and PN-sinuses variations: CBCT study.
1500-1515	OP-74	Wichitsak Cholitgul	Dental CT images of maxillary sinuses in asymptomatic patients.
1515-1530	OP-75	Georg Eggers	Cone beam computer tomography for paranasal sinus imaging.
1530-1545			
1545-1600			
1600-1615			
<b>Saturday, May 28<sup>th</sup>, Room C</b>			
<b>28C1</b>	<b>Imaging of temporomandibular joint-1</b>		<b>Chair: Bamse Bjørn Mork-Knutsen, Tsukasa Sano</b>
0845-0900			
0900-0915	KN-8	Tsukasa Sano	Pros and cons of MR Imaging of temporomandibular joint: Is there a discrepancy between MR findings and patient symptomatology?
0915-0930			
0930-0945	OP-76	Kaan Orhan	Comparison of T2W, FS T2W and 3D FIESTA-C sequences in the TMJ evaluation.
0945-1000	OP-77	Tsukasa Sano	Signal intensities of condylar marrow of painful temporomandibular joint (TMJ) on fluid-attenuated inversion recovery (FLAIR) images
1000-1015	OP-78	Dong Min-jun	Diagnosis of temporomandibular joint disorders with conventional and true dynamic MR imaging: a preliminary assessment
1015-1030			
1030-1045	<b>Break</b>		
<b>28C2</b>	<b>Imaging of temporomandibular joint-2</b>		<b>Chair: Annika Isberg, Yoritaka Yotsui</b>
1045-1100	OP-79	Yoritaka Yotsui	Image diagnosis for Masseter muscle tendon-aponeurosis hyperplasia.
1100-1115	OP-80	Ken-ichiro Ejima	Relationship between condyle morphology and thickness of the glenoid fossa roof based on CBCT datasets.
1115-1130	OP-81	Annika Isberg	The life-threatening TMD!
1130-1145			
1145-1200			
<b>Round Table Discussion</b>			
	<b>Digital Interoperability at the Dental Office and Hospital</b>		
<b>28C3</b>	<b>1300-1600</b>		<b>Chair: Allan G Farman, Tomohiro Okano</b>
1300-1315	RT-1	Paul van der Stelt	Digital radiography in dentistry
1315-1330			
1330-1345	RT-2	Makoto Suzuki	Standardization of diagnostic images
1345-1400			
1400-1415	RT-3	Allan G Farman	Key Standards and Guidelines Impacting Dental and Maxillofacial Radiology
1415-1430			
1430-1445	RT-4	Eun-Kyung Kim	Development of dental PACS
1445-1500			
1500-1515	RT-5	Yoshihiko Hayakawa	Dental Mapping and Query-Retrieve
1515-1530			
1530-1545		Discussion	
1545-1600			
<b>Sunday, May 29<sup>th</sup>, Room A</b>			
<b>29A1</b>	<b>Radiation protection-1</b>		<b>Chair: Paul F van der Stelt, Masahiko Miura</b>
0845-0900			
0900-0915	KN-9	Paul F van der Stelt	Guidelines for dental radiographs and the effect on dose reduction.
0915-0930			
0930-0945	OP-82	Kaustubh Sansare	Practice of basic oral radiology principles by dentists in India.
0945-1000	OP-83	Sanarpalayam Selvamuthukumar	Annual cumulative dose received by a dentist in less-than-ideally sized clinics.
1000-1015	OP-84	Apirum Janhom	Survey of dental radiographic practices in Thailand: A pilot study.
1015-1030			
1030-1045	<b>Break</b>		
<b>29A2</b>	<b>Hiroshima Report</b>		<b>chair: Hideyuki Majima</b>
1030-1045	HR-3	Nori Nakamura	Why chromosome aberration in lymphocytes did not persist following fetal exposure?
1045-1100			
1100-1115	<b>Poster Discussion in Room E</b>		
1115-1130			
1130-1145			
1145-1200			
<b>29A3</b>	<b>Miscellaneous-1</b>		<b>Chair: Andres Briner, Tazuko Goto</b>
1300-1315	KN-10	Tazuko Goto	Human brain activation during functions in the dento-maxillo-facial region: functional MRI study
1315-1330			
1330-1345	OP-85	Jaideep Sur	Future and challenges of oral radiology in India.
1345-1400	OP-86	Michiko Goto	Three dimensional strictures of tendon-aponeurosis in masseter muscle.
1400-1415	OP-87	Ray Tanaka	Dual energy CT imaging in dentistry: A clinical trial for jawbones.
1415-1430			
<b>Sunday, May 29<sup>th</sup>, Room B</b>			
<b>29B1</b>	<b>Radiation protection-2</b>		<b>Chair: Dennis Rottke, Souhei Furukawa</b>
0845-0900			
0900-0915	OP-88	Dorothee Anne Pingen	Radiation exposure in Germany caused by nature and civilization, in special consideration of the collective effective dose between Japan, USA and Germany
0915-0930	OP-89	Gang Li	Dose reduction of cone beam CT scanning for oral and maxillofacial regions with thyroid collars
0930-0945	OP-90	Ruben Pauwels	Dose distribution for CBCT and its implication for defining a dose index.
0945-1000	OP-91	Dennis Rottke	Effective radiation dose and DAP of 10 cone-beam computed tomography scanners.
100-1015			
1015-1030	<b>Break</b>		
<b>29B2</b>	<b>Miscellaneous-2</b>		<b>Chair: Kaan Orhan, Junichi Asaumi</b>
1300-1315	OP-92	Natakorn Sae-Ngow	The role of CBCT for preoperative evaluation of mandibular third molar surgery: The case of nerve approximation.
1315-1330	OP-93	Louise Hauge Matzen	Diagnostic accuracy of panoramic imaging, stereo-scanography and cone beam CT for assessment of mandibular third molars.
1330-1345	OP-94	Suk-Ja Yoon	Facial asymmetry analysis using spherical coordinates.
1345-1400	OP-95	Mohammad Abdul Momin	Correlation of mandibular impacted tooth and morphology determined with cone beam CT on a premise of 3rd molar operation
1400-1415	OP-96	Antonia Scott	"Do dentists see all the pathology present on Panoramic Radiographs or only what they expect to see?"
1415-1430	OP-97	Christina M Granlund	Frequency of errors and pathology in panoramic images of young orthodontic patients.
<b>Sunday, May 29<sup>th</sup>, Room C</b>			
<b>29C1</b>	<b>Implant imaging-2</b>		<b>Chair: Yoshinori Arai, Yoshihiko Hayakawa</b>
1300-1315	OP-98	Kaustubh Sansare	Fractal analysis in implant radiography.
1315-1330	OP-99	Hsiang Jung Huang	Biomechanical analysis for short implant in posterior maxilla by FEA & $\mu$ CT reconstruction
1330-1345	OP-100	Desok Kim	Morphometric analysis of coronal versus apical peri-implant bones.
1345-1400			
1400-1415			
1415-1430			

Poster Discussion ; Sunday, May 29<sup>th</sup>, 11:00-12:00 (Room E)

Area	#	Presenter	Title	Chairs	
A1	1	P-1 Pipop Sutthiprapaporn	A computer aided diagnosis system for dental radiographs to detect trabecular bone changes after alveolar bone grafting of the unilateral cleft lip and palate patients	Mahfujul Khan	Pipop Sutthiprapaporn
	2	P-2 Mahfujul Khan	Role of ultrasonography in evaluation of cervical lymph nodes in oral cancer		
	3	P-3 Sejuty Haque	Analysis of degree of conversion in <sup>12</sup> C and Gumma irradiated UDMA resin		
	4	P-4 Sheikh Alif	Panoramic radiological study to identify locally displaced maxillary canines		
	5	P-5 Md Haque	Radiological study of bifid mandibular canal and anterior loop of mental nerve		
	6	P-6 Ali Ashraf	Prevalence of styloid process elongation on panoramic radiograph among Bangladeshi population		
	7	P-7 Kaan Orhan	CT and MRI findings of a rare mandibular haemangiopericytoma	Kaan Orhan	Yoshiko Arijii
	8	P-8 Kaan Orhan	Metastasis of prostate carcinoma in the mandibula. Case report		
	9	P-9 Kaan Orhan	CBCT identification of anatomoradiological landmarks in trigeminal neuralgia		
	10	P-10 Tatsuro Hayashi	Computer-aided detection system for pathologic signs on panoramic radiography		
	11	P-11 Yoshiko Arijii	Educative effect of a lecture on differential imaging features		
A2	1	P-12 Hakan Avsever	CBCT vs. three digital image receptors on primary teeth caries detection	Jaideep Sur	Munetaka Naitoh
	2	P-13 Hakan Avsever	Maxillomandibular lesions: Radiographic, orthopantomographic and CT findings in 16 patients with pathologic correlation.		
	3	P-14 Hakan Avsever	The evaluation of temporomandibular joint articular eminence morphology and inclination in internal derangement using MRI		
	4	P-15	withdraw		
	5	P-16 Munetaka Naitoh	Assessment of maxillary sinus septa using dry skulls		
	6	P-17 Jaideep Sur	A measure for quantifying the radiopacity of restorative resins		
	7	P-18 Hiroaki Shimamoto	Effectiveness of PROPELLER technique to reduce motion artifacts on fat-suppressed T2-weighted MR images in the oral and maxillofacial regions	Hiroaki Shimamoto	Koji Hashimoto
	8	P-19 Koji Hashimoto	Evaluation of image validity of cone beam CT for dental use		
	9	P-20 Antonia Scott	Retrospective review of referrals to the Oral Surgery Department at Sydney Dental Hospital over 2003-2007 for patients with suspected hard tissue pathology and soft tissue pathology invading bone		
	10	P-21	withdraw		
	11	P-22 Leila Khojastepour	Post irradiation mandibular changes		
B1	1	P-23 Sanam Mirbeigi	Assessment of the relation between symphyseal morphology and the vertical and horizontal growth pattern of mandible	Magdalena Marinescu Gava	Hiroshi Watanabe
	2	P-24 Sanam Mirbeigi	The radiological prediction of inferior alveolar nerve injury during third molar surgery		
	3	P-25 Magdalena Marinescu Gava	Radiographic characteristics on CBCT and pantomography when IAN was exposed during operative extraction of lower wisdom tooth		
	4	P-26 Hironori Akiyama	DVH as a predictive factor for complications of tongue cancer treated by ISBT		
	5	P-27 Suchaya Pornprasertsuk-Damrongsri	Accuracy and reliability of CBCT measurements on mini-implant displacement		
	6	P-28 Wichitsak Cholitgul	Soft tissue opacities appeared in digital panoramic images		
	7	P-29 Hiroshi Watanabe	Variance of the spatial resolution dependent on the locations in cone-beam CT.		
	8	P-30	withdraw	Fiona Carmichael	Yasuhiro Morimoto
	9	P-31 Yasuhiro Morimoto	Usefulness of examination of thyroid glands by ultrasonography for patients with oral squamous cell carcinoma		
	10	P-32 Fiona Carmichael	An audit of the use of a radiographic marker to aid consistency of hard copy digital images.		
	11	P-33 Yukiko Matsuda	Investigation of the usefulness of radiographic examination for dental treatment		
	12	P-34 Shinji Kito	A rare case of septic arthritis of the TMJ without malocclusion		
	13	P-35 Daryoush Goodarzi Pour	Correlation between position of disk , morphology of articular eminence and condylar head of TMD's patients using MRI		
B2	1	P-36 Sato Eida	In vitro measurement of diffusion coefficient	Li-Min Lin	Toru Chikui
	2	P-37 Li-Min Lin	FDG-PET-CT and US for spontaneous tumor regression of VX2-induced rabbit SCC.		
	3	P-38 Toru Chikui	Evaluation of the effect of CRT for oral cancer using a Brix model of DCE-MRI		
	4	P-39 Panjnoush Mehrdad	Radiation absorbed doses in Panoramic, Conventional Tomography, CBCT and CT-scan		
	5	P-40 SamSun Lee	An evaluation of accuracy of 3-D reconstruction images with multi-detector CT and cone-beam CT and the CT synthesized cephalometric radiographs.		
	6	P-41 Maneli Houshyar	Intensity Modulated Radiotherapy(IMRT): New Technology to reduce side effects of radiotherapy (systematic review)		
	7	P-42	withdraw		
	8	P-43 Yang Chang	Using Forte (rhPTH) treatment in BRONJ (Aredia) patient--a case report	Taisuke Kawai	Kouji Katsura
	9	P-44 JH Kang	Assessment of the volumetric accuracy on cone beam computed tomographic image		
	10	P-45 Marc Burrows	The Handheld X-ray Experience - NOMAD		
	11	P-46 Shinobu Matsumoto-Takeda	A case report of a child with prominent swelling in mental regions after trauma		
	12	P-47 Kouji Katsura	Post-operative neck irradiation is one of the risk factors for carotid stenosis.		
	13	P-48 Hidetaka Hayashi	Three-dimensional imaging in regeneration of condyle		
C1	1	P-49 YH Chang	Failure Risks in Ceramic Restorations for Endodontically Treated Premolar	Chun-Li Lin	Takashi Kaneda
	2	P-50 Chun-Li Lin	Investigation of Damage to Enamel upon De-bonding Orthodontic Bracket by FEA		
	3	P-51 Kenichiro Kita	An alternative treatment for osteoporosis with DHNA-micro CT analysis		
	4	P-52 Mitsuhiro Aizawa	Weighted-averaging multi-planar reconstruction for CBCT		
	5	P-53 Takashi Kaneda	Benign and malignant tumors in the maxilla and mandible: Imaging features and prognostic implications		
	6	P-54 Yi-Juai Chen	Ameloblastoma with an unusual radiographic feature? a case report		
	7	P-55 Noriaki Shoji	A dentin dysplasia type I with radiographic and histological analyses		
	8	P-56 Elisa Parraguez	Utilization of central ray indicator device during dental radiographic training	Elisa Parraguez	Hironobu Konouchi
	9	P-57 Elisa Parraguez	Working length with bisected angle/paralleling methods: Analog/Digital systems		
	10	P-58 Elisa Parraguez	Comparing alveolar bone loss using bisected angle and paralleling techniques		
	11	P-59 Hironobu Konouchi	Imaging diagnosis of odontogenic lesions at mandibular ramus. (the third report)		
	12	P-60 Kenji Sato	Patient dose level of cone beam CT examinations in dentistry		
	13	P-61 Ana maria Rodriguez	Variation in the number of episodes of unspecific chronic recurrent parotitis with instillation of physiological serum		
C2	1	P-62 Masao Araki	Producing a radiographic guide for implant placement First report : Radiographic analysis of a bone tissue fragment removed from a living body	Bengt de Verdier	Masao Araki
	2	P-63 Mikiko Saito	A possible relationship between mylohyoid muscle defects demonstrated on CT and subsequent submandibular lymph node metastases in patients with cN0 tongue cancer.		
	3	P-64 Azin Parsa	Reliability of Cone Beam Computed Tomography density measurements for pre-operative endosseous implant placement		
	4	P-65 Rubens Spin-Neto	Remodeling of bone allografts compared to autografts used for anterior maxillary reconstruction evaluated by CBCT.		

	5	P-66	Bengt de Verdier	Impacts of acquisition modes on dynamic range in digital radiographs		
	6	P-67	Ivo Lambrechts	Non-invasive imaging of human dental pulp stem cells		
	7	P-68	Hizuru Osanai	Primary intraosseous odontogenic carcinoma arising in a keratocystic odontogenic tumour		
	8	P-69	Yutaka Itoh	Two different approaches for IO(intra oral) image viewing on PACS in Japan	Wen-Chen Wang	Yoshinobu Yanagi
	9	P-70	Yoshinobu Yanagi	Evaluation of the intraliesional enhancement effect of Keratocystic odontogenic tumor using contrast-enhanced MRI and dynamic contrast-enhanced MRI		
	10	P-71	Huijun Kim	Case report : Desmoplastic ameloblastoma mimicking bone forming lesion		
	11	P-72	Wen-Chen Wang	Values of bone scan in breast cancer patients with BRONJ: Report of 10 cases		
	12	P-73	Rohit Agrawal	Cystic Calcifying Odontogenic Tumor in the maxillary anterior edentulous region		
	13	P-74	Yukiko Kami	3D-PC MRA of lingual artery superimposed on the anatomical images		
<b>D1</b>	1	P-75	Seoyoung An	Benign tumor like-developmental salivary gland defect	Malcolm I Coombs	Yoshihiro Tanaka
	2	P-76	Akemi Tetsumura	Neurovascular compression patterns in patients with trigeminal neuralgia		
	3	P-77	Shin Nakamura	Optimal timing of the post-treatment FDG-PET/CT for head and neck tumor		
	4	P-78	Satoru Shoji	Lesions arising in the jaw bone that were difficult to diagnosis using cone beam CT images		
	5	P-79	Yosuke Kamiyama	Is measurement accuracy of dental CT affected by the mandibular positioning?		
	6	P-80	Yoshikazu Nomura	Validity of voxel values from cone-beam CT with a flat panel detector.		
	7	P-81	Yukiko Kai	Evaluation of the usefulness of MRI in measuring of the thickness of the roof of the glenoid fossa		
	8	P-82	Tohru Ishiduka	Development of an individual TMJ articulator using CBCT	On-ong Mungkung	Maya Sakamoto
	9	P-83	In-Woo Park	Compression fracture on a mandibular condyle: report of 2 cases		
	10	P-84	Hung-Pin Lin	Periapical and florid cemento-osseous dysplasia		
	11	P-85	Maya Sakamoto	Characteristic of acinic cell carcinoma of the parotid gland on MR imaging		
	12	P-86	On-ong Mungkung	Dimensional study of supporting bone for craniofacial implants.		
	13	P-87	Yuko Nakamura	Localized gustation area in the human brain cortex		
<b>D2</b>	1	P-88	Maiko Shibasaki	Dentigerous cyst with multiple radiopaque pieces associated with actinomyces	Munemasa Yamamura	Naoya Kakimoto
	2	P-89	Jae-Duk Kim	Absorbed and effective dose in direct and indirect digital panoramic radiography		
	3	P-90	Rieko Asaumi	Cortical bone thickness around the mental foramen from the CBCT images		
	4	P-91		withdraw		
	5	P-92	Munemasa Yamamura	Contribution of genetic and non-genetic factors in the new inbred ankylosis model		
	6	P-93	Eun-Kyung Kim	Effect of the battery filling rate of the portable dental x-ray system		
	7	P-94	Naoya Kakimoto	Measurements of T2 relaxation times of the disk and posterior attachment of TMJ on TMD patients and asymptomatic volunteers		
	8	P-95	Shui-Sang Hsuen	Malignant melanoma of the maxillary gingiva	Huey-Er Lee	Hideyoshi Nishiyama
	9	P-96	Tomoko Shiraishi	Assessment of masseter muscle by diffusion tensor imaging		
	10	P-97	Xin Liang	Modern human variations of neurovascular structures in the mandible		
	11	P-98	Bart Vandenberghe	Accuracy analysis of optical intraoral imaging of occlusal surfaces: A pilot study		
	12	P-99	Huey-Er Lee	Thyroid dosimetry and multi-slice CT Scanning in head and neck region		
	13	P-100	Hideyoshi Nishiyama	Relative comparison between masticator muscles on both sides with the simplified T2 values on FSE		
<b>E1</b>	1	P-101	Shi-Long Lian	Severe skin reaction in combined concurrent target therapy and radiotherapy	Laetitia Brocklebank	Takashi Nakamoto
	2	P-102	Keisuke Saitoh	Consistency of imaging and pathological diagnosis using CBCT in head and neck		
	3	P-103	Daisuke Inadomi	The simulation system of panoramic radiography using a head tracking sensor		
	4	P-104	Junichiro Sakamoto	Diffusion-weighted MR imaging for head and neck lesions with HASTE: Phantom studies to optimize imaging parameters.		
	5	P-105	Yosuke Suzuki	Intra-oral stereo radiography using a PC for 3D image.		
	6	P-106	Rie Sakaino	Dose profiles and dose-width products in panoramic radiography		
	7	P-107	Laetitia Brocklebank	The first 1000 CBCT referrals within a Scottish Dental Hospital.		
	8	P-108		withdraw	Shin-Mey Rose Geist	Chinami Igarashi
	9	P-109	Kivanc Kamburoglu	Visibility of buccal caries with different imaging techniques: a pilot study		
	10	P-110	Mahdis Mohammadpour	Description of patient referral pattern to a private oral and maxillofacial radiology center for CBCT in Iran		
	11	P-111	Mahdis Mohammadpour	Applications of CBCT in fractures of the maxillofacial complex.		
	12	P-112	Shin-Mey Rose Geist	CBCT meets common diagnostic challenges		
	13	P-113	Chinami Igarashi	The course of osseous change in the condyle in patients with temporomandibular disorders.		
<b>E2</b>	1	P-114	Keiichi Nishikawa	Theoretical considerations on factors affecting pixel value of dental CBCT	Ralf Schulze	Kenichi Gotoh
	2	P-115	Mahdi Niknami	Evaluation of location and shape of mental foramen by panoramic radiography in selective Iranian people.		
	3	P-116	Cheng Liu	Measurement and analysis of orbital structures by reformed 3-D CT model		
	4	P-117	Hani Surianti	Idiopathic fragmentation of mandibular fossa: A case report		
	5	P-118	Kenichi Gotoh	Radiation doses in cone-beam computed tomography: A Monte-Carlo simulation study		
	6	P-119	Toshinori Iwai	Intraoperative 3D imaging during open surgery of condylar fractures		
	7	P-120	Pornkawe Charoenlarp	A root fragment in nasolacrimal duct after tooth removal		
	8	P-121	Kenji Tokumori	Development of a computer-assisted learning system using NIH ImageJ	Apirum Janhon	Kenji Tokumori
	9	P-122	Yu-Chao Chang	The location of maxillary intraosseous anastomosis evaluated by CBCT		
	10	P-123	Yoshinori Sasaki	Basic studies on FLAIR pulse sequence in MRI for head and neck lesions		
	11	P-124	Tsuneyasu Terauchi	Does Signal Fade on PSP System Effect to Diagnose of Dental Caries?		
	12	P-125	Chau-Hsiang Wang	Parallel Relationship of the Occlusal Plane and Ala-Tragus Line		
	13	P-126	Ikuho Kojima	MRI findings of parotid tumors: Basal cell adenoma vs basal cell adenocarcinoma		
<b>F1</b>	1	P-127	Keiko Sekiya	A study of the characteristic findings of periapical cyst on panoramic radiograph	Gang Li	Keiko Sekiya
	2	P-128	Preeyaporn Srimawong	Application of cone beam CT for evaluation of supernumerary teeth		
	3	P-129	Gang Li	Detection accuracy of proximal caries by phosphor plate and cone-beam computerized tomography images scanned with different resolutions		
	4	P-130		withdraw		
	5	P-131	Takashi Osano	Three dimensional study to new anatomical landmark ( anterior condylar ridge ) for diagnostic imaging of condylar articular surface.		
	6	P-132	Shoaleh Shahidi	Relation of impacted mandibular third molars and inferior alveolar nerve using cone-beam computed tomography		
	7	P-133	Hae Rang Park	Metastasis from a dentinogenic ghost cell tumor to the donor site of a bone graft		
	8	P-134	Chia Chen	Use of CBCT to evaluate cancellous bone density for a cohort of Taiwanese adults	Paulo Figueiredo	Masanori Shozushima
	9	P-135	Danisia Haba	Clinicians' knowledge of radiation dose in diplopia imaging.		
	10	P-136	Akitoshi Katsumata	Morphology and BMD distribution of the severe dens in dente		
	11	P-137	Saori Omasa	The effect of metal artifacts on bone volume measurement using Micro CT		
	12	P-138	Paulo Figueiredo	Pycnodysostosis and craniosynostosis: The importance of CT imaging		
	13	P-139	Takashi Osano	Three dimensional study to new anatomical landmark ( anterior condylar ridge ) for diagnostic imaging of condylar articular surface.		

F2	1	P-140	Kaori Fukami	Regional appearance of mandibular lingual foramina: Assessment on helical CT	Phonkit Sinpitaksakul	Yoshikazu Suei
	2	P-141	Pei-Ying Chang	Kaposi's sarcoma in a liver transplant recipient		
	3	P-142	Chia-Ming Chang	Oral multiple primary tumors: a case report		
	4	P-143	Phonkit Sinpitaksakul	Positional evaluation of lingula and inferior alveolar canal using dental CT		
	5	P-144	Yan Huang	3D reconstruction of Malassez epithelial rests using light microscopic imaging		
	6	P-145	Michio Toyama	Comparison of lower gingival cancer and mandibular osteomyelitis using 2 compartment model analysis of bone scintigraphy		
	7	P-146	Mu-Yen Hsieh	Periapical diseases of non-endodontic origin - Report of 8 cases		
	8	P-147	Byung Cheol Kang	The application of dental cone beam CT to the clinical dentistry: a demographic analysis in a dental hospital	Zuyan Zhang	Tatsuro Tanaka
	9	P-148	Yusei Otaka	A case that US was effective for detection of the cervical lymph node metastasis		
	10	P-149	Yuki Shinohara	A case of bisphosphonate-related osteonecrosis of the jaws (BRONJ) which developed to a patient of the bone metastasis cancer		
	11	P-150	Tatsuro Tanaka	Utility of ultrasonography for diagnosis of stitch abscess after surgery of oral cancer		
	12	P-151	Jira Chindasombatjaroen	CCOT versus AOT: Radiographic evaluation		
	13	P-152	Zuyan Zhang	Measurement of alveolar bone loss using CBCT: an in vitro study		
G	1	P-153	Miyoshi Kataoka	Langerhans' cell histiocytosis of the mandibular ramus: a case report	James Richard Geist	Shumei Murakami
	2	P-154	Yoshitaka Kise	Reproducibility of landmark setting on 3-dimensional CT image in relation to exposure condition		
	3	P-155	Ming-Gen Tu	Panoramic radiographic survey of hypodontia & hyperdontia in Taiwanese children		
	4	P-156	Ivo Lambrechts	One year follow-up of autotransplantation patients with computer aided prototyping		
	5	P-157	James Richard Geist	The effect of CBCT on orthodontic treatment decisions regarding impacted teeth		
	6	P-158	Mohammad Alam	Preoperative 40 Gy radiation therapy and effect on healing of mandible fracture		
	7	P-159	Lo-Lin Tsai	The Cone-beam CT Scan Image Study of the Anatomical Location of Mandibular Foramen in Taiwanese		
	8	P-160	Masahiro Iikubo	Mechanisms of edematous changes in masseter muscle evoked by muscle pain	Shigeaki Suenaga	Masahiro Iikubo
	9	P-161		withdraw		
	10	P-162		withdraw		
	11	P-163	Miki Hisatomi	Diagnostic value of dynamic contrast-enhanced MRI for unilocular cystic-type ameloblastomas with homogeneously bright high signal intensity on T2-weighted or STIR MR images		
	12	P-164	Shigeaki Suenaga	TMJ Disorders and Pain: Assessment of Synovitis by Gadolinium-Enhanced MRI		
	13	P-165	Yusuke Kozai	Fermented product cultivated lactic acid bacteria prevent osteoporosis		
H	1	P-166	Shintaro Mori	The development of image processing for detection of maxillary sinusitis on panoramic radiographs	Ting-Sheng Lin	Shintaro Mori
	2	P-167	Ting-Sheng Lin	Micro-CT reconstruction for endodontically treated premolar		
	3	P-168	Ryota Kawamata	Relationship between findings of mandibular cortex on CBCT and femoral BMD.		
	4	P-169	Yu Imai	Optical coherence tomography imaging of tooth and gingiva		
	5	P-170	Minoru Fujita	Intraoral ultrasonography for detection and staging of mobile tongue cancer: Comparison with CT and MR		
	6	P-171	Kwan Joon Koh	A case report of a traumatic bone cyst occurring in the mandibular condyle	Kwan Joon Koh	Masahiro Izumi
	7	P-172	Masahiro Izumi	CT and MRI examinations for evaluation of salivary gland treatment in patients with Sjögren's syndrome		
	8	P-173	Yutaka Nikkuni	Aging-related changes in the T2 values of masseter muscle in patients with TMD		
	9	P-174	Reji Mathew	Anatomic variants of sinonasal cavity on cone beam CT: Educational paper		
	10	P-175	Kazuyuki Araki	Absorbed and effective dose from a Volumetric Tomography (VT)	Chan-Seo Park	Kazuyuki Araki
	11	P-176	Mahrokh Imanimoghaddam	Evaluation of vertical facial height and morphology of TMJ in skeletal classIII		
	12	P-177	Mahrokh Imanimoghaddam	Ultrasonographic findings of the masseter muscle in females with TMD		
	13	P-178	Chan-Seo Park	A comparison of conventional lateral cephalograms with corresponding CBCT radiographs		
14	P-179	Rosana da Silva Berticelli	Prevalence of incisive and vascular canals and lingual concavities			
15	P-180	Rosana da Silva Berticelli	Detection of vascular canals and lingual concavities on panoramic and CT scans			