

Electronic Poster Presentation Programs

April 15 (Fri.)

9:10-9:45 (Poster Presentation Booth1)

1. Cardiovascular 1 Norihiko Yoshimura

C001 Image Quality of Coronary Computed Tomography Angiography with 320-Row Area Detector Computed Tomography in Children with Congenital Heart Disease

Akihiro Tada / Dept. of Radiology, Okayama University Medical School

C002 High Risk Plaque and Calcification Assessed by Coronary CT as a Predictor of TVF and MACE after DES Implantation

Nobuo Tomizawa / Dept. of Radiology, New Tokyo Hospital

C003 Characterization of Normal Regional Left Ventricular Three-dimensional Maximum Principal Strain by Cardiac Computed Tomography

Emiri Miyauchi / Dept. of Radiology, Ehime University School of Medicine

C004 Explanatory echocardiographic variables for contrast arrival time and aortic concentration in cardiac CT

Shigeaki Kanno / Dept. of Radiology, Graduate School of Medicine, The University of Tokyo

C005 Imaging of Acute Coronary Syndrome on contrast-enhanced computed tomography

Yuki Wada / Dept. Radiology, Akita University Hospital

10:00-10:35 (Poster Presentation Booth1)

2. Cardiovascular 2 Fumiko Kimura

C006 Factors affecting the heart rate reduction effect of landiolol hydrochloride for coronary computed tomography angiography: A multivariate analysis

Makoto Amanuma / Dept. of Radiology, Takase Clinic

C007 The Image Quality of Coronary Artery Plaque with Rapid kV-switching Dual-energy CT

Yasutoshi Ohta / Division of Radiology, Tottori University Faculty of Medicine

C008 Improvement of the thrombotic to venous contrasts in the lower limbs using low kilovoltage CT

Tomoaki Sasaki / Dept. of Radiology, Asahikawa Medical University

C009 The validity of D-dimer testing in patients with suspected new VTE in a university hospital setting

Takatoshi Kubo / Dept. of Radiology, The University of Tokyo Hospital

C010 Comparison of 2 biphasic contrast injection methods for separation of the pulmonary artery/vein at 3D-CT angiography before lung cancer surgery

Hideaki Yuki / Dept. of Radiology, Faculty of Life Sciences, Kumamoto University

15:10-15:59 (Poster Presentation Booth1)

3. Neuroradiology 1 Masaki Katsura

C011 Can cerebral lymphomas and glioblastomas be differentiated based on histogram analysis parameters on contrast-enhanced T1-weighted images?

Tatsuya Yamamoto / Dept of Radiology, University of Fukui

C012 Use of morphologic features of intratumoral susceptibility signals on PRESTO in predicting the preoperative grading of gliomas

Li Li / Dept. of Diagnostic Radiology, Tohoku University Graduate School of Medicine

C013 Developmental venous anomalies with focally increased arterial inflow detected on arterial spin labeling

Ai Koda / Dept. of Radiology, Hamamatsu University School of Medicine

C014 Discrimination of Glioblastoma and Primary Central Nervous System Lymphoma by Using a Machine Learning Technique

Akira Kunimatsu / Dept. Radiology, The University of Tokyo

C015 Turbo Spin-Echo-Based Black-Blood MRA of Intracranial Arteries; A Preliminary Experience

Koichi Takano / Dept. of Radiology, Fukuoka University Faculty of Medicine

C016 Utility of real-time prospective motion correction for segmentation of cerebral cortex on 3D T1WI: VBM analysis for the uncooperative patients

Natsuki Igata / Dept. of Radiology, University of Occupational and Environmental Health School of Medicine

C017 Evaluation of Head and Neck Arteriovenous Malformations with 4D Contrast-Enhanced MR Angiography at 3T

Yasuhiro Iryo / Department of Diagnostic Radiology, Kumamoto University Graduate School of Medical Sciences, Kumamoto, Japan

16:00-16:49 (Poster Presentation Booth1)

4. Neuroradiology and Head and Neck

Hiroshi Oba

C018 Blood flow measurements before and after carotid artery stenting

Hisashi Tanaka / Dept. of Radiology, Osaka University School of Medicine

C019 Neurite Orientation Dispersion and Density Imaging in Evaluation of Microstructural Changes in Periventricular Brain Regions in Neuromyelitis Optica

Tomohiro Takamura / Dept. of Radiology, University of Yamanashi

C020 Correlation between neuromelanin-sensitive MRI and 123I-FP-CIT SPECT in patients with parkinsonism

Keita Kuya / Division of Radiology, Department of Pathophysiological and Therapeutic Science, Tottori University, Faculty of Medicine

C021 Neural basis of destination memory: Medial temporal lobe activity revealed by fMRI study

Shunji Mugikura / Dept. Diagnostic Radiology, Tohoku Univ graduate school of medicine

C022 Improved Homogeneity of B1+ and Signal Intensity at 7T Using a Parallel Transmission on Human Volunteers
Taisuke Harada / *Department of Diagnostic and Interventional Radiology, Hokkaido University*

C023 Diagnostic Performance of Dynamic Contrast-Enhanced MRI in Differentiating Central Nervous System Lymphoma from Other Tumors
Kazuhiro Murayama / *Dept. of Radiology, Fujita Health University*

C024 Differences in MR imaging characteristics of human papillomavirus positive and negative oropharyngeal cancers
Atsushi Ugajin / *Dept. of Radiology, Jichi Medical University School of Medicine*

17:00-17:49 (Poster Presentation Booth1)

5. Autopsy Imaging and others Seiji Shiotani

C025 Analyses of postmortem brain CT changes by using statistical parametric mapping
Hiroshi Mori / *Dept. of Radiology, Shimane University School of Medicine*

C026 Methods of optimizing the display conditions of brain MR images
Toshimasa Hara / *Dept. of Diagnostic Radiology, Kitasato University School of Medicine*

C027 Diagnostic Performance of Ultra-high Resolution CT for Evaluating of Cerebral Small Arteries: Comparison with Conventional CT
Hiroyuki Nagata / *Dept. of Radiology, Fujita Health Univ.*

C028 Questionnaire-based Study of Usage of a Radiology Consultation Service for Designated Cancer Care Hospitals
Hideaki Kobayashi / *Radiology Consultation, Division of Medical Support and Partnership, Center for Cancer Control and Information Services, National Cancer Center*

C029 Size-specific dose estimation for effective CT radiation dose in patients with hepatocellular carcinoma treated by transcatheter arterial embolization
Yoko Saito / *Div. of Radiological Technology, Hirosaki University School of Health Sciences*

C030 Usefulness of indocyanine green contrast agent for photoacoustic imaging in an in vivo model
Kotaro Yoshida / *Dept. of Radiology, Kanazawa University School of Medical Science*

C031 Imaging, and treatment of primary-tumor through immunogenic cell death (ICD), and metastasis through abscopal effect, using targeted nanoparticles via radiotherapy
Satoshi Harada / *Dept. of Radiology, Iwate Medical University*

9:10-9:52 (Poster Presentation Booth2)

6. Nuclear Medicine 1: Miscellaneous Yasuyuki Taki

C032 Quantification of left ventricular function using gated SPECT with three different automated software packages, cardiac MRI and echocardiography
Keiko Koyama / *Division of Radiology, Gunma Cardiovascular Center*

C033 Cardiac inflammation burden in cardiac involvement sarcoidosis independently increased to systemic inflammation burden using volumetric estimation and FDG PET/CT
Osamu Manabe / *Dept. of Nuclear Medicine, Hokkaido University*

C034 Correlation between parameters of 99mTc-GSA scintigraphy and hepatic fibrosis markers
Yoichi Mizutani / *Radiology, Faculty of Medicine, University of Miyazaki, Miyazaki, Japan.*

C035 The usefulness of FDG-PET/CT for preoperative examination in patients with intraductal papillary mucinous neoplasm of the pancreas
Shinsuke Shimoyama / *Dept. of Radiology, Kitaharima Medical Center*

C036 The utility of FDG-PET/CT in urinary malignancies
Saho Irahara / *Dept. Radiology, Tokushima University Hospital*

C037 Comparison of the diagnostic value of bone scintigraphy with 68Ga-PSMA PET for bone metastasis in prostate cancer
Shozo Okamoto / *Dept. of Nuclear Medicine, Graduate School of Medicine, Hokkaido University*

10:00-10:49 (Poster Presentation Booth2)

7. Interventional Radiology 1: Miscellaneous Yoshiki Asayama

C038 Imaging anatomy of dural blood supply from pial arteries: evaluated by 3D rotational angiography in normal subjects and pathologic conditions
Shuichi Tanoue / *Dept. of Radiology, Oita University faculty of Medicine*

C039 Bizarre Blood Vessels in Brain - How to Differentiate Proliferative Arterial Disorders from the Tangle
Preetham Pantrngam / *DEPARTMENT OF RADIOLOGY AND IMAGING, YASHODA HOSPITAL*

C040 Experience of detachable coil embolization of left subclavian artery for TEVAR with debranching
Tomoaki Yamanishi / *Dept. of Radiology, Kochi University School of Medicine*

C041 Venous spasm occurring in peripheral insertion of central venous port or catheter
Kenta Ogi / *Dept. of Radiology, Kochi University School of Medicine*

C042 Adrenal venous sampling in patients with primary aldosteronism; which is the best method for evaluating an indication for surgery?
Kimei Azama / *Dept. of Radiology, University of The Ryukyus Hospital*

C043 Angiographic anatomy of the left inferior phrenic vein in patients with normal liver: for balloon-occluded retrograde transvenous obliteration
Takuji Araki / *Dept. of Radiology, University of Yamanashi*

C044 The influence of peritoneovenous shunt for refractory ascites on renal function
Takafumi Segawa / *Dept. of Radiology, Iwate Medical University*

11:10-11:45 (Poster Presentation Booth2)

8. Chest 1

Takeshi Johkoh

- C045** Kinematic MR imaging of the thorax during forced breathing using 2D subsecond SSFP sequence: Comparison with pulmonary function test
Daigo Tanimoto / *Dept. of Radiology, Kawasaki Medical School*
- C046** The phrenic nerve with accompanying vessels: A silent cause of cardiovascular border obliteration on chest radiograph
Yukihiro Ogihara / *Dept. of Radiology, Nagasaki Prefecture Shimabara Hospital*
- C047** Changes of chemical shift ratio of thymic hyperplasia depending on age
Toshihiro Yamaki / *Dept. of Radiology, Asahikawa Medical University*
- C048** Pulmonary hemodynamics measured by phase-contrast MRI as predictors of mortality in interstitial lung diseases
Nanae Tsuchiya / *Dept. of Radiology, University of the Ryukyus*
- C049** Fat Suppression Capabilities at Chest 3T MRI: Utilities of Two-point mDixon-TSE Technique in Comparison with SPAIR and STIR Technique
Yuji Kishida / *Division of Radiology, Department of Radiology, Kobe University Graduate School of Medicine, Kobe, Japan*

15:10-15:59 (Poster Presentation Booth2)

9. Chest 2

Yoshiharu Ohno

- C050** Differential diagnosis of mediastinal solid tumors using perfusion CT with time-density curve analysis
Torahiko Yamanouchi / *Dept. Clinical Radiology, Graduate School of Medical Sciences, Kyushu University*
- C051** Movement of Intrathoracic Structures; Comparison between Prone Position and Supine Position
Ryo Murayama / *Dept. of Radiology, Kitakyushu Municipal Medical Center*
- C052** A case of bilateral pulmonary artery pseudoaneurysms diagnosed by 3D-CT angiography
Fumiyasu Tsumhima / *Dept. of Radiology, Hirosaki University School of Medicine*
- C053** Image Quality of HRCT with the New MBIR for Solitary Lung Nodules: A Comparison with Conventional MBIR and ASIR
Koichiro Yasaka / *Dept. of Radiology, Tokyo University School of Medicine*
- C054** Continuous quantitative measurement of the proximal airway dimensions and lung density on 4-dimensional dynamic-ventilation CT in smokers
Tsuneo Yamashiro / *Dept. of Radiology, University of the Ryukyus*
- C055** CT characteristics of non-small cell lung cancer with ALK rearrangement: comparison with EGFR mutation and ALK/EGFR negative lung cancer
Mio Mori / *Dept. of Clinical Oncology, Nagasaki University Graduate School of Biomedical Sciences*
- C056** Correlation between dynamic and static lung perfused blood images on histogram-based analysis using dual-energy CT
Munemasa Okada / *Dept. of Radiology, Yamaguchi University School of Medicine*

16:00-16:49 (Poster Presentation Booth2)

10. Chest 3

Tae Iwasawa

- C057** The chest HRCT and abdominal CT findings of MPA(microscopic polyangitis)
Nobukata Kazawa / *Dept. of Radiology, Nagoya City University School of Medicine*
- C058** CT examination as a screening for pneumoconiosis: Trial of making CT reference films
Hideyuki Hayashi / *Dept. of Clinical Oncology, Nagasaki University Graduate School of Biomedical Sciences*
- C059** Pulmonary hypertension: prediction of pulmonary artery pressure based on lung CT histogram
Koji Takumi / *Department of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*
- C060** One section diagnosis at the first branch of the main bronchus for pulmonary right or left isomerism by 3D CT
Hideaki Otsuji / *PET Center, Nishinokyou Hospital*
- C061** Evaluation of the Correlation Between Image Severity of Interstitial Lung Disease and Lung Cancer
Akihiro Hotta / *Departments of Radiology, Juntendo University Faculty of Medicine*
- C062** CT features associated with epidermal growth factor receptor mutation in patients with lung adenocarcinoma
Hiroto Hakamada / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*
- C063** Diffuse pulmonary ossification in systemic sclerosis-related interstitial lung disease
Ryoko Egashira / *Dept. of Radiology, Saga University*

April 16 (Sat.)

9:10-9:59 (Poster Presentation Booth1)

11. Liver and pancreas 1

Yuya Onodera

- C064** Reduced Iodine Dosage in Hepatic Dynamic CT Using Virtual Monochromatic Imaging with a Fast-kVp Switching Dual-Energy CT
Tomoko Hyodo / *Dept. of Radiology, Kindai University Faculty of Medicine*
- C065** Development of pancreatic adenocarcinoma is predictable well in advance using contrast-enhanced computed tomography: A case-cohort study
Wataru Gono / *Department of Radiology, Graduate School of Medicine, the University of Tokyo, Tokyo, Japan*
- C066** Small (<2 cm) pancreatic ductal adenocarcinoma with capsule-like rim: evaluation by MDCT with pathological correlation
Ryo Takaji / *Dept. of Radiology, Oita University Faculty of Medicine*
- C067** Abdominal lymph-node involvement in pneumoconiosis: evaluation with MDCT
Maki Kiyonaga / *Dept. of Radiology, Oita University Faculty of Medicine*
- C068** Vascular Anatomy of the Inferior Pancreaticoduodenal Artery: Evaluation with Thin-slice CT
Yoshitaka Okada / *Dept. of Radiology, Saitama Medical University International Medical Center*

C069 Comparison of the contrast enhancement for different CT scanners from different vendors at abdominal CT
Narumi Taguchi / Dept. of Radiology, Kumamoto University Hospital

C070 Relation with Transient Severe Motion Related Artifact on Gd-EOB-DTPA MR Imaging and Respiratory bellows
Hiroshi Ikeno / Dept. of Radiology, Kanazawa University Hospital

10:10-10:59 (Poster Presentation Booth1)

12. Liver and pancreas 2 Yasunari Fujinaga

C071 Correlation between treatment response and hemodynamics changes after proton beam therapy for hepatocellular carcinoma using gadoxetate disodium-enhanced hepatic MRI
Shigeyuki Takamatsu / Department of Radiotherapy, Kanazawa University School of Medicine

C072 Gd-EOB-DTPA-Enhanced MR Imaging of Hepatic Adenomas in Experimental Animals: Image-Histology Correlation
Masayuki Yamaguchi / National Cancer Center

C073 Accuracy of hepatic fat fraction measurement after administration of Gd-EOB-DTPA with 6-point Dixon technique: Comparison with pre-contrast MR imaging
Tomohiro Namimoto / Dept. of Diagnostic Radiology, Kumamoto University

C074 Evaluating qualitative differences between liver metastasis and microabscess in bile duct and pancreas carcinoma with bile duct dilatation in EOB-MRI
Yu Kawashima / Diagnostic radiology and Radiation oncology, Chiba Univ. Hosp.

C075 Fat quantification of adrenal masses using 3D 6-point Dixon MR imaging : Comparison with chemical shift imaging and CT attenuation value
Norihiko Shinkawa / Department of Radiology, Faculty of Medicine, University of Miyazaki

C076 EpCAM-positive hepatocellular carcinoma: imaging and clinicopathological findings
Norihide Yoneda / Dept. of Radiology, Kanazawa University Hospital

C077 Incidence of peribiliary cysts in various chronic hepatic diseases and normal liver
Takashi Matsubara / Department of Radiology, Kanazawa University Graduate School of Medical Science

11:10-11:45 (Poster Presentation Booth1)

13. Pediatric Hiroko Hara

C078 Synthetic ECG triggering in 320-row pediatric cardiac CT
Eisuke Shibata / Dept. of Radiology, The University of Tokyo Hosp.

C079 Accuracy of morphological evaluation of ventricular septal defects in inverted volume rendering using Flash Spiral Cardio mode
Motoo Nakagawa / Dept. of Radiology, Nagoya City University Graduate School of Medical Sciences

C080 Spectrum of seizures in pediatrics with acute encephalopathy, biphasic seizures, and late reduced diffusion
Yoriko Murata / Dept. of Radiology, Kochi Medical School

C081 Progress of MRI findings of neonates who showed total brain injury and their clinical outcomes in the short term
Sachiko Koshino / Japanese Red Cross Kyoto Daiichi Hospital

C082 New Prototype Body Holder for MR Examination in Unanesthetized Neonates
Iichiro Osawa / Dept. Radiology, Saitama Medical University Hospital

13:00-13:42 (Poster Presentation Booth1)

14. Cardiovascular 3 Yasuo Amano

C083 Strain Analysis Using Feature-Tracking CMR in Patients with Old Myocardial Infarction
Ryo Ogawa / Dept. of Radiology, Ehime University Graduate School of Medicine

C084 Detection and quantification of cardiac involvement in systemic amyloidosis by cardiovascular magnetic resonance myocardial T1 mapping
Seitaro Oda / Department of Diagnostic Radiology, Faculty of Life Sciences, Kumamoto University

C085 Evaluation of cine MRI filters in left ventricular myocardial strain analysis using feature tracking
Michiko Tadokoro / Dept. of Radiology, Kochi University School of Medicine

C086 Clinical significance of the regional and global myocardial T1 value and extracellular volume fraction in hypertensive cardiomyopathy
Masaki Tachi / Dept. of Radiology, Nippon Medical School

C087 Whole heart coronary magnetic resonance angiography: Clinical feasibility of breath-hold chasing technique
Makoto Amanuma / Dept. of Radiology, Takase Clinic

C088 Evaluation of the diagnostic performance using single-source dual energy CT for detection of myocardial infarction and the extent of transmural myocardial infarction
Shinichiro Kitao / Division of Radiology, Department of Pathophysiological Therapeutic Science, Faculty of Medicine, Tottori University

14:00-14:49 (Poster Presentation Booth1)

15. Gastrointestinal Manabu Minami

C089 CT findings of the Petersen's hernia
Osamu Sato / Dept. of Radiology, Japan Red Cross Kyoto Daiichi Hospital

C090 Missed Lesions on CT Colonography in Colorectal Cancer Screening
Katsuhiko Mitsuzaki / Center for Preventive Medicine, Saiseikai Kumamoto Hospital

C091 The Usefulness of the Parameters of Perfusion CT for Treatment Response Evaluation of Locally Advanced Rectal Cancer after Neoadjuvant Chemotherapy
Satoko Ishigaki / Dept. of Radiology, Nagoya University Graduate School of Medicine

C092 Recurrences Diagnosed in CT and the Related Characteristics in Post-operative Early Stage Gastric Carcinoma Patients
Kaoru Shimada / Dept. of Diagnostic Radiology, National Cancer Center Hospital East

C093 Preliminary experience of ZOOMit T2 SPACE 3D for rectal images in healthy volunteers: A comparative study with T2W
Senri Ito / Dep. Radiology, Kagawa University

C094 Cinematic magnetic resonance imaging for assessment of small bowel motility under oral administration of daikenchuto (TJ-100)
Akitoshi Inoue / *Department of Radiology, Shiga University of Medical Science, Shiga, Japan*

C095 Imaging of sporadic mesenteric desmoid tumors: radiographic features and histopathological correlation
Yurika Nakashima / *Dept. of Radiology, Tenri hosp*

15:00-15:56 (Poster Presentation Booth1)

16. Radiation Oncology 1: Head and neck and Lung Kazushige Hayakawa

C096 Postoperative radiotherapy for patients with malignant parotid tumor
Sachiko Izumi / *Dept. of Radiation Oncology, Tokyo Women's Medical University*

C097 Three-dimensional conformal radiotherapy for advanced nasal cavity and paranasal sinus tumor: Clinical results of 14 patients
Masashi Chatani / *Dep. of Radiology, Osaka Rosai Hospital*

C098 Clinical outcomes of radiotherapy for maxillary sinus cancer at University of Tokyo Hospital from 2009 to 2015
Noriyasu Sekiya / *Dept. of Radiology, Tokyo University School of Medicine*

C099 Custom-designed Oral Prostheses Improve the Accuracy of Daily Treatment Setup for Head and Neck Cancer Radiotherapy
Nobue Uchida / *Dept. of Radiology, Tottori University School of Medicine*

C100 Clinical results of stereotactic body radiotherapy for pulmonary oligometastases: a multicenter study
Kuniaki Katsui / *Dept. of Radiology, Okayama University Hospital*

C101 Stereotactic body radiotherapy for oligo-recurrence in the lung
Shinichiro Toyoshima / *Dept. of Radiation Oncology, Toyama Prefectural Central Hosp.*

C102 The potentiality for improvement of overall survival with local control in SBRT for stage I NSCLC
Takafumi Komiyama / *Dept. of Radiology University of Yamanashi*

C103 Initial experience of fiducial marker placement in the pulmonary artery for respiratory-gated lung stereotactic radiotherapy
Naoki Kanata / *Dept. Of Radiology, Kobe Minimally Invasive Cancer Center*

16:10-16:59 (Poster Presentation Booth1)

17. Radiation Oncology 2: Miscellaneous Keiko Shibuya

C104 Proton beam therapy or carbon ion therapy for patients wearing cardiac implantable electronic devices: A retrospective JRS multi-institutional study
Takayuki Hashimoto / *Dept. of Radiation Medicine, Hokkaido University Graduate School of Medicine*

C105 Chemoradiation therapy for pancreatic adenocarcinoma patients: Correlation between semiquantitative contrast-enhanced CT and overall survival
Ryutaro Higashi / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

C106 Differences in gross tumor volumes for pancreatic cancer: A comparison of ungated positron emission tomography and contrast-enhanced 4-dimensional computed tomography
Shigeo Takahashi / *Dept. of Radiation Oncology, Kagawa University Hospital*

C107 Quantification of interfraction and intrafraction pancreatic tumor displacement in pancreas cancer patients
Ryo Takeshita / *Keio University School of Medicine*

C108 Comparison between radical surgery and definitive chemoradiation for 460 esophageal squamous cell carcinomas using propensity score matching
Hideomi Yamashita / *University of Tokyo Hospital*

C109 Six Cases of Anal Canal Cancer Treated with Chemo-radiotherapy
Hidekazu Tanaka / *Dept. of Radiology, Gifu University*

C110 Tumor volume change by cone beam CT during chemoradiation for Esophageal cancer
Tomoki Kiritoshi / *Dept. of Radiology, The University of Tokyo Hospital*

9:10-9:59 (Poster Presentation Booth2)

18. Uroradiology and Obstetrics/Gynecology Hirotaka Akita

C111 The Usefulness of Diffusion-Weighted MR images in the Staging of T Categorization in Renal Pelvic Carcinoma: Effect of Reader Experience
Minako Maruyama / *Dept. of Radiology, Shimane University School of Medicine*

C112 Renal corticomedullary differentiation on FLAIR (fluid-attenuated inversion recovery) imaging in relation to the e-GFR (estimated glomerular filtration rate)
Akira Yamamoto / *Department of Diagnostic Radiology, Kawasaki Medical School*

C113 CT evaluation of corpus luteum bleeding
Yuka Kumasaka / *Dept. Radiology, Gunma University School of Medicine*

C114 Ovarian seromucinous borderline tumors (SMBTs) with malignant components: magnetic resonance imaging findings
Yuichiro Kanie / *Dept. of Radiology, Okayama University Medical School*

C115 Feasibility of diffusion kurtosis imaging (DKI) for characterization of uterine cancers
Yuichi Kumagai / *Dept of Radiology, Kagoshima University School of Medicine*

C116 Assessment of endometrial and uterine volumes in postmenopausal women and estrogen-producing ovarian tumor patients by using 3D-volume isotropic spin-echo sequence
Eito Kozawa / *Dept. of Imaging Diagnosis, Saitama Medical University, International Medical Center*

C117 Assessment of Myometrial Invasion in Premenopausal Women with G1 Endometrial Carcinoma by MRI; Diagnostic Ability before Fertility-Preserving Hormone Therapy
Makoto Sakane / *Dept. of Radiology, Osaka University Graduate School of Medicine*

10:10-10:59 (Poster Presentation Booth2)

19. Breast 1

Fumi Kato

- C118** Radiological and Pathological Findings of Breast Lesions Incidentally Detected on Computed Tomography
Hatsuko Nasu / *Department of Diagnostic Radiology & Nuclear Medicine, Hamamatsu University School of Medicine*
- C119** Evaluation of multi-early phases on breast dynamic 3T MRI
Junichi Nakagawa / *Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital*
- C120** Efficacy for BI-RADS categorization of focal breast masses in breast MRI
Keishi Fujiwara / *Dept. of Radiology, St.Marianna University School of Medicine*
- C121** Background parenchymal signal enhancement ratio: Correlation with molecular and prognostic markers of breast cancer
Ken Yamaguchi / *Dept. of Radiology, Saga University*
- C122** Breast phyllodes tumor: Comparison MRI findings between benign and borderline/malignant tumors
Naoya Kinota / *Dept. of Radiology, Hokkaido Cancer Center*
- C123** Changes of Hemoglobin Concentration and FDG Uptake after Neoadjuvant Chemotherapy in Breast Cancer
Nobuko Yoshizawa / *Department of Diagnostic Radiology & Nuclear Medicine, Hamamatsu University School of Medicine*
- C124** Imaging phenotypes of 18F-FDG PET/CT and MRI in Predicting the Clinicopathologic Subtypes of Triple Negative Breast Cancers
Kazunori Kubota / *Dept. of Diagnostic Radiology, Tokyo Medical and Dental University*

11:10-11:52 (Poster Presentation Booth2)

20. Breast 2

Sachiko Yuuen

- C125** Full-field digital mammography with soft-copy reading: Does it represent high-density in the central part for cancers characterized by density?
Mikinao Oiwa / *Dept. of Radiology, Nagoya Medical Center*
- C126** Diagnostic impact of digital breast tomosynthesis for breast cancer occult on conventional digital mammography
Tomoyuki Kuwako / *Dept. of Radiology, Nippon Medical School*
- C127** Image evaluation of the use of tungsten target digital mammography for the thin breast
Hiroko Kawashima / *Dept. of Quantum Medical Technology, Graduate School of Medical Science, Kanazawa University*
- C128** Changes in Visibility due to Reconstruction Slab Thickness on Digital Breast Tomosynthesis
Ayako Katagiri / *Dept. of Diagnostic and Interventional Radiology, Ishikawa Prefectural Central Hospital*
- C129** Accuracy of tumor size assessment in the preoperative breast cancer: comparison of DBT, FFDM, US and MRI
Aya Yamane / *Department of Radiology Nippon Medical School*
- C130** Initial clinical experience of digital breast tomosynthesis in our hospital
Ryoko Ohashi / *Dept. of Diagnostic imaging & Nuclear Medicine, Tokyo Women's Medical University*

13:00-13:42 (Poster Presentation Booth2)

21. Nuclear Medicine 2: Neuroradiology

Hiroshi Toyama

- C131** Characteristics and Limitations of ^{99m}Tc-HMPAO SPECT Findings During the Vasospasm Risk Period After Subarachnoid Hemorrhage
Tatsushi Mutoh / *Dept. of Nuclear Medicine and Radiology, Inst. of Development, Aging, and Cancer, Tohoku University*
- C132** Imaging pattern of multiple system atrophy (probable MSA-P) using MRI and SPECT with 123I-labeled dopamine transporter ligands (DaT)
Atsushi Nakanishi / *Dept. of radiology, Juntendo University School of Medicine*
- C133** Remote effects in patients with brain tumors: A study using FDG-PET
Hitomi Iwasa / *Dept. of Radiology, Kochi University School of Medicine*
- C134** Evaluation of clinical single atlas-based attenuation correction for integrated PET/MR in human brain
Tetsuro Sekine / *Dept. of Radiology, Nippon Medical School*
- C135** The usefulness of dopamine transporter volume estimated by C-11 PE-2I PET in diagnosing Parkinsonism-Comparison with C-11Raclopride or I-123 MIBG
Shigeki Nagamachi / *Dept. of Radiology, Miyazaki University School of Medicine*
- C136** Quantitative Comparison of DaTSCAN SPECT with Neuromelanin MRI in Normal Volunteers and Patients
Yumiko Kono / *Dept. of Radiology, Kansai Medical University*

14:00-14:56 (Poster Presentation Booth2)

22. Nuclear Medicine 3: Miscellaneous

Kazuyoshi Suga

- C137** Clinical Significance of I-123 MIBG Spect and MRI Fusion for Endometriosis Diagnosis
Naoki Kan / *Dept. of Radiology, Kansai Medical University*
- C138** Comparison of diagnostic performance of dbPET and WB-PET/CT in detection of breast cancer according to histological grade/histopathological classification
Kayo Nishimatsu / *Dept. of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University*
- C139** Evaluation of the Degree and Distribution of Sodium Fluoride-18 Uptake in a Normal Skeleton, and Relationship with CT-based Hounsfield Unit
Shintaro Nawata / *Dept. of Radiology, Yokohama City University*
- C140** Clinical utility of FDG-PET/CT in soft-tissue tumors and tumorlike lesions
Sangkil Ha-Kawa / *Dep. of Nuclear Medicine, Kansai Medical University, Hirakata Hospital*
- C141** FDG-PET Findings of Multicentric Castleman's Disease
Yo Kaneko / *Dept. of Radiology, Kizawa Memorial Hospital*
- C142** The utility of FDG-PET/CT in evaluating the disease activity, distribution and treatment response of IgG4-related disease
Maki Otomo / *Dept. of Radiology, Tokushima University Hospital*
- C143** Visualization and analysis of vasovagal reflex due to blood vessel puncture on F-18 FDG PET/CT images
Yoichi Otomi / *Dept. of Radiology, Tokushima University Hospital*

- C144** The observation of decline of serum TSH after injection of rTSH on a patient with chronic renal failure under continuous
Pei Jung Li / *Department of nuclear medicine, Changhua Christian Hospital*

15:10-16:06 (Poster Presentation Booth2)

23. Musculoskeletal and Emergency radiology and others Tamotsu Kamishima

- C145** Effect of iterative reconstruction algorithms on measurement of trabecular bone microstructure with clinical MDCT: a cadaver study
Miyuki Takasu / *Dept. of Radiology, Hiroshima University Graduate School of Medicine*
- C146** Detection of the knee bone-cartilage interface alteration using texture analysis of UTE-T2*map
Kaiji Inoue / *Dept. of Radiology, Saitama Medical University Hospital*
- C147** Analysis of accuracy of a rapid point-of-care Creatinine analyzer
Makoto Amanuma / *Dept. of Radiology, Takase Clinic*
- C148** Respiratory variation of the celiac artery: Role of the median arcuate ligament
Shinichi Ota / *Dept. of Radiology, Shiga University of Medical Science*
- C149** Characterization of virtual monochromatic spectral image compared to single energy CT image
Yoshito Nishikawa / *Dept. of Radiology, Nippon Medical School*
- C150** Assessment of Accuracy of Identification of Materials Using Basis Material Analysis: Phantom Study
Hajime Kiyuna / *Nippon Medical School*
- C151** Visualization of pelvic splanchnic nerve using readout-segmented echo-planar diffusion-weighted magnetic resonance neurography at 3T: preliminary experience in healthy male volunteers
Rikiya Yamashita / *Dept. of Radiology, Kyoto University Graduate School of Medicine*
- C152** Clinical Feasibility of Software Oriented Bone Suppression Technique for Portable Chest X-R Images
Yasuo Sasaki / *Dept. of Radiology, Iwate Prefectural Central Hospital*

16:10-16:45 (Poster Presentation Booth2)

24. Nuclear Medicine 4: Neuroradiology/head and neck Eku Shimosegawa

- C153** Evaluation of the Malignancy of Supratentorial Gliomas with PET/CT and MRI
Yoshiyasu Hiratsuka / *Dept. of Radiology, Ehime University Graduate School of Medicine*
- C154** FMISO PET at 4 hr showed better accuracy than 2 hr for grading gliomas
Kentaro Kobayashi / *Dept. of Nuclear Medicine, Hokkaido University*
- C155** Is higher-order texture analysis superior to first-order histogram analysis in differential diagnosis of brain tumor on FDG PET?
Kenji Hirata / *Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine*

- C156** Resectability assessment of head and neck cancer; PET/MR versus PET/CT
Tetsuro Sekine / *Dept. of Radiology, Nippon Medical School*

- C157** Diagnostic performance of time-of-flight system to detect neck small lymph node using ¹⁸F-FDG PET/CT
Hidemasa Saito / *Dept. of Radiology, Nippon medical school*

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9:10-9:45 (Poster Presentation Booth1)

25. Radiation Oncology 3: Prostate cancer Masao Tago

- C158** External iliac vein stenosis and thrombotic occlusion after radiotherapy to prostate cancer with external iliac lymph node metastases: case report
Shinichi Aoki / *Dept. of Radiology, Yamanashi University*
- C159** Change in serum testosterone level after radiotherapy for prostate cancer
Eisuke Abe / *Dept. Radiation Oncology, Niigata University Graduate School of Medical and Dental Sciences*
- C160** Comparison of the MRI sequences in ideal fiducial marker-based radiotherapy for prostate cancer
Osamu Tanaka / *Dept. of Radiation Oncology, Gifu Municipal Hospital*
- C161** Hypofractionated Intensity Modulated Radiotherapy for Localized High-Risk Prostate Cancer
Junichi Yokouchi / *Aomori Prefectural Central Hospital*
- C162** Preliminary clinical outcomes of intensity-modulated radiotherapy for patients with localized prostate cancer
Seiji Hashimoto / *Dept. of Radiology, University of Ryukyus hosp.*

10:00-10:42 (Poster Presentation Booth1)

26. Radiation Oncology 4: Miscellaneous Atsuro Terahara

- C163** Examination of the positions of clips and surgical margin in conservative breast therapy with reconstruction
Noriko Horikawa / *Dept. of Radiology, Nara Prefecture general Medical Center*
- C164** Analysis of volumetric dose of the lung and the heart for tangential breast irradiation
Rumiko Kinoshita / *Department of Radiation Oncology, Hokkaido University Hospital*
- C165** Clinical results of total skin irradiation for cutaneous T-cell lymphoma using helical tomotherapy: a report of three cases
Kae Okuma / *Dept. of Radiology, University of Tokyo Hospital*
- C166** Does the time interval between surgery and radiotherapy affect the outcomes in postoperative radiotherapy of keloid?
Shigehiko Kuribayashi / *Dept. of Radiology, Nippon Medical School*
- C167** An attempt to Respiratory Management Irradiation Using Three-dimensional Body Surface Scanner VOXELAN HEV-600M
Masashi Nozue / *Dept. of Radiation Oncology, SEIREI HAMA-MATSU General Hospital*

- C168** Dependency of Radiosensitivity and Recovery Capacity from Radiation-Induced Damage in Oxygenated Intratumor Quiescent Cells on p53 Status

Shin-ichiro Masunaga / *Particle Radiat. Biol., Div. of Radiat. Life Sci., Res. Reactor Inst., Kyoto Univ.*

11:00-11:35 (Poster Presentation Booth1)

27. Radiation Oncology 5: Female pelvis

Rumiko Kinoshita

- C169** The Glasgow prognostic score determined during concurrent chemoradiotherapy is an independent predictor of survival for cervical cancer
Nori-hisa Katayama / *Okayama University, Radiology*
- C170** Preliminary results of radiation therapy for forty-one patients of cervical cancer in single institute
Kana-ko Kimura / *Southern TOHOKU General Hosp.*
- C171** Evaluation of ambulatory treatment with nedaplatin-based concurrent chemoradiotherapy for cervical cancer in our hospital
Masateru Fujiwara / *Dept. of Radiation Oncology, Sakai City Medical Center*
- C172** One-year Experience of MRI Based Image Guided Adaptive Brachytherapy for Cervical Cancer
Ryo Nishikawa / *Dept. of Radiat. Oncology, Kobe University Graduate School of Medicine*
- C173** Multi-institutional survey of QOL after treatment for uterine cervical cancer- Comparison between radical radiotherapy and surgery -
Yuko Kaneyasu / *Dept. of Radiation Oncology, Fukuyama Medical Center*

13:00-13:42 (Poster Presentation Booth1)

28. Radiation Oncology 6: CNS Toshiki Kawamura

- C174** Comparative study of cerebral microvascular injury following whole-brain versus reduced-field irradiation in long-term survivors of intracranial germ cell tumors
Li Li / *Dept. of Radiation Oncology and Diagnostic Radiology, Tohoku University Graduate School of Medicine*
- C175** Intrafractional cranial motion in frame-less image-guided stereotactic radiotherapy
Kotaro Yoshio / *Dept. Radiology, Kagawa Prefecture Central Hospital*
- C176** Dosimetry analysis of intensity-modulated radiotherapy for high grade glioma
Takuro Ariga / *Dept. of Radiology, Ryuky University hosp*
- C177** Stereotactic radiotherapy of recurrent metastatic brain tumors~When should we change to whole brain irradiation instead of stereotactic radiotherapy~
Toshiki Kawamura / *Dept. of Radiology, Aichi Medical University*
- C178** Treatment outcomes of hypofractionated stereotactic radiotherapy for meningiomas of skull base in our institute
Takafumi Yamano / *Dept. of Radiation Oncology, Saitama Medical Center*
- C179** Stereotactic radiosurgery for brain metastases: neuropathological report of two autopsy cases
Madoka Sakuramachi / *Dept. Radiology, Tokyo University*

9:10-9:52 (Poster Presentation Booth2)

29. Interventional Radiology 2: Embolization

Daisuke Abo

- C180** Accumulation of Lipiodol Emulsion(LE) of Balloon-occluded Trans-catheter Arterial Chemoembolization (B-TACE) for Hepatocellular Carcinoma
Mitsunari Maruyama / *Department of Radiology, Shimane University Faculty of Medicine*
- C181** A clinical trial of radiation dose reduction during transarterial chemoembolization with drug-eluting bead for hepatocellular carcinoma
Masakazu Hirakawa / *Dept. of Radiology, Kyushu University Beppu hospital*
- C182** Extrahepatic arteries originating from hepatic arteries: analysis using CT during hepatic arteriography and their visualization on digital subtraction angiography
Kumi Ozaki / *Dept. of Radiology, Fukui Prefectural Hospital*
- C183** Transcatheter arterial chemoembolization using microspheres for large hepatocellular carcinoma
Yoko Masuda / *Dept. of Radiology, Saiseikai Shiga Hospital*
- C184** Transcatheter embolization for bleeding visceral artery pseudoaneurysm in the patients with pancreatitis or pancreatic surgery
Isao Numoto / *Department of Radiology, Kinki University, Faculty of Medicine*
- C185** Selective Prostatic Artery Embolization for Refractory Hematuria of Prostatic Origin
Masayuki Endo / *Dept. of Radiology, Tottori University*

10:00-10:56 (Poster Presentation Booth2)

30. Interventional Radiology 3: Miscellaneous

Yusuke Sakuhara

- C186** CT Fluoroscopy-Guided Percutaneous Drainage of Abdominal and Pelvic Abscess: Comparison of One-step and Seldinger techniques
Kenji Kajiwara / *1. Diagnostic Radiology, Graduate School of Biomedical Sciences, Hiroshima University*
- C187** Computed tomography-guided core needle biopsy of ground-glass nodules 20mm or smaller: Frequency and content of non-malignant lesions
Mei Shimomura / *Dept. of Radiology, Miyazaki University School of Medicine*
- C188** Needle Biopsy of Small Renal Tumors in Patients Referred for Percutaneous Cryoablation
Toshihiro Iguchi / *Dept. of Radiology, Okayama University Medical School*
- C189** Percutaneous CT-guided radiofrequency ablation for renal cell carcinoma in von Hippel-Lindau disease
Hideo Gohara / *Dept. of Radiology, Okayama University Medical School*
- C190** 17G cryoneedles percutaneous cryoablation in patients with lung tumors: A preliminary experience
Hiroyuki Tokue / *Department of Diagnostic Radiology, Interventional Radiology and Nuclear Medicine Gunma University Hospital*
- C191** Efficacy and safety of image-guided cryoablation for small renal tumors: Initial experience
Hiroyuki Higashihara / *Dept. of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*

- C192** Rapid tumor progression of hepatocellular carcinoma after percutaneous radiofrequency ablation
Noriyuki Miyamoto / *Dept. of Radiology, Obihiro-Kosei General Hospital*
- C193** Gastrojejunostomy tubes placed via Surgically-created Gastrostomy in Children: Safety and Impact on Growth
Katsuhiko Kobayashi / *SUNY Upstate Medical University School of Medicine*

11:00-11:28 (Poster Presentation Booth2)

31. Interventional Radiology 4: Experiments and others Manabu Hashimoto

- C194** An attempt to shorten loading time of epirubicin into DC Beads
Akinaga Sonoda / *Dept. of Radiology, Shiga University of Medical Science*
- C195** Evaluation of the first coil in micro-balloon-assisted coil embolization (m-BACE) of normal artery compared with conventional coil embolization: experimental study
Yasufumi Ohuchi / *Dept. of Radiology, Faculty of Medicine, Tottori University*
- C196** Development of Robot (Second-generation) for CT-guided IVR: Free Physician from Radiation
Takao Hiraki / *Dept. of Radiology, Okayama University Medical School*
- C197** The precision and accuracy of 3D printed preoperative simulation models of a splenic artery aneurysm
Hidemasa Takao / *Department of Radiology, Graduate School of Medicine, University of Tokyo*