

Electronic Poster Presentation Programs

April 17 (Fri.)

9:10-9:45 (Marine Lobby1)

1. Cardiovascular 1: Coronary artery

Teruhito Kido

- C001** Relationship between cardiac index and vascular enhancement at coronary CT angiography using test-injection method
Hideaki Yuki / Dept. of Radiology, Kumamoto University Hospital
- C002** The difference in coronary artery disease extent and the prevalence of high risk plaques with hemoglobin A1c
Nobuo Tomizawa / Dept. of Radiology, New Tokyo Hospital
- C003** Arterial plaque detection of different contrast agents with iodine and bromine by dual energy computed tomography (DECT)
Anu Bhattarai / Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University
- C004** The detection of in-stent restenosis and risk factors of stent thrombosis in patients with coronary stent implantation using coronary CTA
Ryo Ogawa / Dept. of Radiology, Ehime Prefectural Central Hospital
- C005** Evaluation of coronary in-stent restenosis: Which stents are good indication for subtraction CT angiography?
Makoto Amanuma / Dept. of Radiology, Takase Clinic

10:00-10:49 (Marine Lobby1)

2. Cardiovascular 2: Myocardium and others

Kakuya Kitagawa

- C006** Variability in the Quantification of the Epicardial Fat Volume on Cardiac CT Scans: Effect of Iterative Model Reconstruction
Seitaro Oda / Department of Diagnostic Radiology, Faculty of Life Sciences, Kumamoto University
- C007** Renal Sinus Fat on Computed Tomography in Middle-aged and Elderly Patients with Chronic Kidney Disease: Association with Coronary Artery Calcification
Yoko Murakami / 1. Department of Radiology, Shiga University of Medical Science
- C008** Role of Dual Energy CT using Rapid kVp Switching approach in assessment of heart failure.
Shinichiro Kitao / Department of Radiology, Tottori University School of Medicine
- C009** ECG non-gated CT diagnosis of super-acute myocardial infarction in the emergency room
Hiroshi Nobusawa / Dept. of Diagnostic Radiology, Kawasaki Saiwai Hospital
- C010** How to quantify cardiac perfusion MRI at 3 tesla in comparison with water PET
Noriko Manabe / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital

- C011** Utility of Variable Helical Pitch CT Scanning Technique for CT Angiography of Aortoiliac and Lower Extremity Arteries
Atsushi Nakamoto / Dept. of Radiology, Osaka University Graduate School of Medicine

- C012** High-attenuating crescent sign in suspected atherosclerotic aortic aneurysm rupture
Tatsuo Ueda / Department of Radiology, Nippon Medical School Hospital, Tokyo, Japan

10:50-11:32 (Marine Lobby1)

3. Head and Neck

Keiko Toyoda

- C013** Feasibility of single energy metal artifact reduction technique (SEMAR) with 320-row detector CT for reduction of dental metallic artifacts
Koji Takumi / Department of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences
- C014** Metal artifact reduction from dental hardware in CT angiography: assessment of the utility of model-based iterative reconstruction
Keita Kuya / Division of Radiology, Department of Pathophysiological and Therapeutic Science, Tottori University, Faculty of Medicine
- C015** 3D double-echo steady-state with water excitation sequence for diagnostic capability of detecting the mandibular division of the trigeminal nerve
Hiroyuki Fujii / Dept. of Radiology, Jichi Medical University School of Medicine
- C016** The difference of CT findings of congenital cholesteatoma based on type of form
Akihiro Tada / Dept. of Radiology, Okayama University Medical School
- C017** Differentiation of solid and cystic masses in orbit: 3D turbo field echo with diffusion-sensitized driven-equilibrium (DSDE-TFE) preparation technique
Akio Hiwatashi / Department of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University
- C018** Evaluation of metastatic cervical lymph nodes using adaptive 4D volume perfusion CT in head and neck squamous cell carcinoma patients
Munetaka Matoba / Dep. of Radiology, Kanazawa Medical University

15:10-15:52 (Marine Lobby1)

4. Neuroradiology 1: Tumor

Masaaki Hori

- C019** Radiological Image Features of Glioblastoma with Oligodendroglioma Component: Comparison with Conventional Glioblastoma.
Masafumi Kanoto / Dept. of Diagnostic Radiology, Yamagata University Faculty of Medicine
- C020** Intracranial metastases of hepatocellular carcinoma: Clinico-radiological findings
Junichi Matsumoto / Dept. of Radiology, Kanazawa University School of Medicine
- C021** Differentiation of recurrence from radiation necrosis after radiation therapy with ASL and DCE permeability MR imaging with histogram analysis
Takashi Abe / Institute of Health Biosciences The Tokushima University Graduate School

- C022** Utility of intravoxel incoherent motion MR imaging for primary brain tumors: comparison with dynamic susceptibility contrast MR perfusion imaging
Fuminoru Miyoshi / Dept. of Radiology, Tottori University School of Medicine
- C023** Discrimination between tumor-infiltration and vasogenic edema using non-Gaussian diffusion MRI techniques: preliminary experience
Kouhei Kamiya / Dept. of Radiology, The University of Tokyo
- C024** Diagnostic value of ADC for differentiating atypical pituitary adenomas from typical adenomas
Mariko Doai / Dept. of Radiology, Kanazawa Medical University

16:00-16:49 (Marine Lobby1)

5. Neuroradiology 2: Cerebrovascular disease

Hitoshi Miki

- C025** Diffusion weighted MR imaging of Subcallosal artery infarction causing amnesia after surgical or interventional treatment of Anterior Communicating Artery Aneurysm
Shunji Mugikura / Diagnostic Radiology, Tohoku University, Graduate School of Medicine, Sendai, Japan
- C026** Arterial spin labeling (ASL) in acute cerebral infarction
Chihiro Mori / Radiology, Ehime Prefectural Central Hospital
- C027** Evaluation of the detectability of early CT sign using time MIP CT image
Kazuhiro Murayama / Dept. of Radiology, Fujita Health University
- C028** Sequential Changes of Intracranial Vertebral Artery Dissection on VISTA-T1W and T2W Sequences
Koichi Takano / Dept. of Radiology, Fukuoka University Faculty of Medicine
- C029** Additive information of 320-section low-dose dynamic-volume CT to dynamic contrast-enhanced 3T MR angiography for the localization of spinal arteriovenous fistulas
Yasuhiko Iryo / Department of Diagnostic Radiology, Kumamoto University Graduate School of Medical Sciences
- C030** Usefulness of conebeam CT for diagnosis of spinal arteriovenous fistula
Satoshi Takahashi / Dept. of Radiology, Akita University School of Medicine
- C031** Characterization of carotid plaque using sampling perfection with application-optimized contrast using different flip angle evolution (SPACE) sequence
Yoshimitsu Ohgiya / Department of Radiology, Showa University School of Medicine

9:10-9:52 (Marine Lobby2)

6. Basic Science

Yusuke Inoue

- C032** Gadolinium deposition analysis for normal mouse using inductively coupled plasma mass spectrometry (ICP-MS)
Adhipatria Kartamihardja / Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University

- C033** Significance of fractionated administrations of thalidomide combined with γ -ray irradiation from the viewpoint of local tumor response and lung metastasis.
Shin-ichiro Masunaga / Particle Radiat. Biol., Res. Reactor Inst., Kyoto Univ.

- C034** T2 dark-through and wash-out effect on cardiac postmortem magnetic resonance (PMMR) imaging: case report
Seiji Shiotani / Dept. of Radiology, Tsukuba Medical Center

- C035** Enhancement and development of radiological collaboration system (2nd Report): Contribution to regional health care
Ryosuke Hirakata / Dept. of Radiology, Shin-Kokura Hospital

- C036** Change of the number of imaging diagnosis & interventional radiology in Nasu Red Cross Hospital, for recent 12 years.
Kimiyooshi Mizunuma / Dept. of Radiology, Nasu Red Cross Hospital

- C037** Variability in CT Pulmonary Angiography Utilization in a U. S. Nationwide Sample of Total Hip and Knee Replacement Surgical Patients
Kanako Kumamaru / Dept. of Radiology, Harvard Medical School & Brigham and Women's Hospital

10:00-10:56 (Marine Lobby2)

7. Breast

Hiroko Tsunoda

- C038** Change in background parenchymal enhancement on MRI in the contralateral normal breast: Comparison between chemotherapy and hormonal therapy.
Masashi Miyazawa / Dept. of Radiology, Tokyonishi Tokushukai Hospital
- C039** MRI evaluation of breast cancer after neoadjuvant endocrine therapy
Tomoyuki Kuwako / Dept. of Radiology, Nippon Medical School
- C040** How do you measure ADC?: Correlation with Ki-67 labeling index in luminal-type breast cancer
Naoko Mori / Department of Diagnostic Radiology, Tohoku University Graduate School of Medicine
- C041** MRI evaluation of preoperative hormone therapy in luminal breast cancer: A comparison with neoadjuvant chemotherapy
Kazuaki Nakashima / Dept. of Radiology, National Nagasaki Medical Center
- C042** Features of mammographic and ultrasonographic findings of breast cancer detected by focal asymmetric densities recalled in mammography screening
Mikinao Oiwa / Dept. of Radiology, Nagoya Medical Center
- C043** Five cases of axillary lymph node metastatic breast cancer on contrast-enhanced ultrasonography
Tomoyuki Ohta / Dept. of Radiology, The Jikei university school of medicine
- C044** Comparison of two-view digital mammography and one-view digital mammography combined with tomosynthesis in the breast cancer cases of age 40s.
Ayako Katagiri / Dept. of Diagnostic and Interventional Radiology, Ishikawa Prefectural Central Hospital

- C045** Effect of chest wall on the measurement of optical parameters in normal breast and breast cancer.
Nobuko Yoshizawa / Dept. of Radiology, Hamamatsu medical University

11:10-11:45 (Marine Lobby2)

8. Radiation Oncology 1: Gastrointestinal

Keiichi Jingu

- C046** Usefulness of the field-in-field technique for irradiation of thoracic esophageal cancer
Hidekazu Tanaka / Dept. of Radiology, Gifu University School of Medicine
- C047** Radiotherapy for lymphnode metastasis after curative resection of esophageal cancer
Sachiko Izumi / Dept. of Radiation Oncology, Tokyo Women's Medical University
- C048** Clinical results of particle radiotherapy using carbon ions or protons for liver oligometastases
Kuniaki Katsui / Department of Radiology, Okayama University Hospital
- C049** Three dimensional Conformal Radiotherapy or Stereotactic Body Radiotherapy for Portal Vein Tumor Thrombosis or Inferior Vena Cava Tumor Thrombosis
Yoshiro Matsuo / Division of Radiation Oncology, Kobe University Graduate School of Medicine
- C050** Radiation therapy for portal vein thrombosis of hepatocellular carcinoma
Hotaka Nonaka / Dept. of Radiology, University of Yamanashi

15:10-15:52 (Marine Lobby2)

9. Radiation Oncology 2: CNS, head and neck

Yukihisa Tamaki

- C051** Multicenter survey for T1 glottic cancer treated with 2.25-Gy fractions in clinical practice
Seiji Kubota / Dept. of Radiology, Nagoya University Hospital
- C052** Concurrent chemoradiotherapy for squamous cell carcinoma of the head and neck cancer: Cetuximab vs. non-cetuximab at Saga University Hospital
Mitsutoshi Ooishi / Dept. of Radiology, Saga University School of Medicine
- C053** The outcome of postoperative radiation therapy with or without chemotherapy for primary and recurrent oral cavity squamous cell carcinoma
Senzo Taguchi / Department of Radiology, Graduate School of Medicine, Ehime University
- C054** Prognostic value of FDG PET imaging in patients with pharyngeal cancer and who received definitive radiotherapy with or without chemotherapy
Takeaki Ishihara / Div. of Radiation Oncology, Kobe University School of Medicine
- C055** Experiences of repeat stereotactic radiosurgery/radiotherapy for metastatic brain tumors
Yasushi Hamamoto / Dept. of Radiology, Saiseikai-Imabari Hospital

- C056** Intensity-modulated stereotactic-radiosurgery for multiple brain metastases: A dosimetric comparison with flattening-filter-free volumetric modulated arc therapy (VMAT), standard VMAT and tomotherapy

Wataru Takahashi / Dept. of Radiology, The University of Tokyo Hospital

16:00-17:10 (Marine Lobby2)

10. Radiation Oncology 3: Lung Yuko Nakayama

- C057** A phase II study of S-1 chemoradiotherapy in elderly patients with locally advanced non-small-cell lung cancer: OLCSG Trial 0801
Kuniaki Katsui / Department of Radiology, Okayama University Hospital
- C058** Treatment outcome of hypofractionated radiation therapy for patients with T1-2N0M0 lung cancer
Tomonari Sasaki / Dept. of Radiology Informatics & Network, Kyushu University
- C059** Primary results of hypofractionated radiotherapy for non-small cell lung cancer
Takafumi Komiyama / Dept. of Radiology, University of Yamanashi
- C060** Outcomes of Stereotactic Body Radiation Therapy for Stage I Primary Lung Cancer
Takafumi Hayashi / Dept. of Radiation Oncology, Kurashiki Central Hospital
- C061** Experience of proton beam therapy for stage one non-small cell lung cancer
Shigeyuki Takamatsu / Dept. of Radiotherapy, Graduate School of Medical Science, Kanazawa University
- C062** Stereotactic ablative body radiotherapy (SABR) for early lung cancer with low respiratory function: Treatment results and complications
Masashi Chatani / Dept. of Radiology, Osaka Rosai Hospital
- C063** Is Stereotactic Body Radiation Therapy an Appropriate Treatment in Patients 80 Years or Older with Non-Small Cell Lung Cancer?
Kaori Fuse / Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital
- C064** The efficacy of on-line verification using a cone-beam CT system in SBRT for lung tumors
Nobuko Yamana / Department of Radiation Oncology, Niigata University Medical and Dental Hospital
- C065** Prognostic significance of average iodine density assessed by dual-energy spectral imaging for predicting lung tumor recurrence after stereotactic body radiotherapy
Masahiko Aoki / Dept. of Radiology, Hirosaki University School of Medicine
- C066** Technical Advantages of Dynamic Tumor Tracking in Lung Stereotactic Body Radiation Therapy Using a Gimbaled Linac
Sara Koh / Tokyo Metropolitan Cancer and Infectious diseases Center Komagome Hospital

April 18 (Sat.)

9:10-9:52 (Marine Lobby1)

11. Gastrointestinal Gen linuma

- C067** CT findings of Meckel diverticulum: Detection of the vitellointestinal vessels
Osamu Sato / Dept. of Radiology, Japan Red Cross Kyoto Daiichi Hospital
- C068** CT findings of gastric carcinoma with lymphoid stroma
Masasuke Kohzai / Dept. of Radiology, Kansai Medical University
- C069** Computer-aided detection of colonic lesions in laxative-free CT colonography
Yasuji Ryu / Dept. of Radiology, Tonami General Hospital
- C070** Invasion depth in colorectal carcinoma: Correlation between ex vivo MRI findings of postoperative specimens and pathological findings
Akitoshi Inoue / Department of Radiology, Shiga University of Medical Science
- C071** Invasion depth in colorectal carcinoma: Correlation of in vivo MRI, surgical, and pathological findings
Akitoshi Inoue / Department of Radiology, Shiga University of Medical Science
- C072** Diagnostic value of Barium enema for detecting colitic cancer/dysplasia, using Niflec-Gasmodin-prep.
Tatsuya Suzuki / Dept. of Diagnostic Radiology, Keio University School of Medicine

10:10-10:38 (Marine Lobby1)

12. Interventional Radiology 1: Embolization Toshiyuki Irie

- C073** Initial experience of balloon-occluded transcatheter arterial chemoembolization for hepatocellular carcinomas in our hospital
Shinya Azama / Dept. of Radiology, Saga University Faculty of Medicine
- C074** Adverse Events of Balloon-occluded Transarterial Chemoembolization (B-TACE) for Hepatocellular Carcinoma in Initial Experience
Mitsunari Maruyama / Department of Radiology, Shimane University Faculty of Medicine
- C075** Local control effect of combined conventional and microballoon-occluded transarterial chemoembolization with miriplatin for hepatocellular carcinoma
Masakazu Hirakawa / Dept. of Radiology, Kyushu University Beppu Hospital
- C076** Renal arteriovenous malformation: Evaluation of its angiographic findings and transarterial embolization
Miyuki Maruno / Department of Radiology, Oita University Faculty of Medicine

10:50-11:11 (Marine Lobby1)

13. Interventional Radiology 2: Vascular IR

Noriyuki Kato

- C077** Endovascular repair of traumatic thoracic aortic injury with commercial stent-graft in 15 patients
Koji Maruyama / Dept. of Radiology, Kobe Red Cross Hospital
- C078** Endovascular treatment for lesions of below the knee arteries using the crosser system.
Akira Adachi / Department of Radiology, Tottori University Faculty of Medicine
- C079** Efficacy of ultrasound-guided axillary brachial plexus block for analgesia of percutaneous transluminal angioplasty of dialysis access
Emiko Chiba / Dept. of Radiology, Saitama Medical Center, Jichi Medical University

11:20-11:41 (Marine Lobby1)

14. Interventional Radiology 3: Non-vascular IR

Hideo Gobara

- C080** Initial Experience of CT Fluoroscopy Guided Percutaneous Cryoablation for Osteoid Osteoma
Masaya Miyazaki / Dept. of Interventional Radiology and Clinical Ultrasound Center, Gunma University Hospital
- C081** Non-surgical treatment in the management of postoperative bile leakage
Tsuyoshi Kawai / Dept. of Radiology, Tottori University Faculty of Medicine
- C082** Lymphatic intervention for various kinds of lymphorrhea
Masanori Inoue / Dept. of Radiology, Hiratsuka City Hospital

13:00-13:42 (Marine Lobby1)

15. Liver Kazuhiko Ueda

- C083** Hemodynamic analysis of graft after living donor liver transplantation by CT perfusion imaging
Yasuhiro Ushijima / Dept. of Clinical Radiology, Graduate School of Medical Science, Kyushu University
- C084** Morphological changes observed in the liver with metastatic breast cancer
Yasuo Kosaka / Dept. of Radiology, Kanazawa University Hospital
- C085** Three-dimensional isotropic Gd-EOB-enhanced hepatobiliary MRI of the liver using newly developed T1-weighted gradient-echo Turbo LAVA sequence
Masatoshi Hori / Dept. of Radiology, Osaka University Graduate School of Medicine
- C086** Influence of parenchymal iron accumulation on hepatic signal intensity of hepatobiliary phase Gd-EOB-DTPA-enhanced MRI
Takahiro Komori / Dept. of Radiology, Kanazawa University, Graduate School of Medicine
- C087** Measuring hepatic functional reserve using T1 mapping Gd-EOB-DTPA-enhanced 3T MRI: a preliminary study comparing 99mTc GSA scintigraphy with ICG retention
Tomohiro Namimoto / Dept. of Diagnostic Radiology, Kumamoto University Life Science of Health

C088 Non-contrast-enhanced MR Portography and Hepatic Venography with Time-spatial Labeling Inversion Pulses at 3 Tesla: Comparison with 1.5 Tesla

Tsuyoshi Ohno / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University School of Medicine

14:00-14:56 (Marine Lobby1)

16. Gallbladder and pancreas Hiroshi Kondo

C089 Evaluation of preoperative CT findings associated with conversion from laparoscopic to open cholecystectomy in patients with acute cholecystitis

Koki Kato / Dept. of Radiology, Saiseikai Utsunomiya Hospital

C090 Loss of intracholecystic attenuation gradient: A new CT sign of acute cholecystitis.

Takeshi Wada / Dept. of Radiology, St Luke's International Hospital

C091 Correlation between the median arcuate ligament and acute pancreatitis: Is the median arcuate ligament a risk factor of acute pancreatitis?

Shinichi Ota / Dept. of Radiology, Shiga University of Medical Science

C092 Santorinicele with pancreas divisum compared with Santorinicele without pancreas divisum: a cross-sectional study

Wataru Gono / Department of Radiology, Graduate School of Medicine, The University of Tokyo

C093 Ansa pancreatica as a risk factor for recurrent acute pancreatitis

Takana Yamakawa / Dept. of Radiology, Graduate School of Medicine, The University of Tokyo

C094 Pancreatic Adenocarcinomas without Secondary Signs on Multiphase Multidetector CT: Association with Clinical and Histopathologic features

Tsutomu Tamada / Dept. of Radiology, Kawasaki Medical School

C095 Radio-pathological correlations and clinical outcomes of the pancreatic ductal carcinoma with capsule-like rim

Ryo Takaji / Dept. of Radiology, Oita University, Faculty of Medicine

C096 Characteristics of pancreatic ductal adenocarcinoma with hyper-intensity on T2 weighted MR images

Fumihito Toshima / Department of Radiology, Kanazawa University School of Medicine

15:10-15:59 (Marine Lobby1)

17. Neuroradiology 3: Voxel based morphometry and others Tomohisa Okada

C097 Decreased cortical thickness in the anterior cingulate cortex (ACC) in patients with burning mouth syndrome

Takashi Shizukuishi / Dept. of Radiology, Nihon University School of Medicine

C098 Relationship between NET gene polymorphism and brain volume in major depressive disorder: a voxel-based MRI study

Issei Ueda / Dept. of Radiology, University of Occupational and Environmental Health

C099 Impaired white-matter integrity in the anterior cingulum in patients with burning mouth syndrome

Junko Kikuta / Department of Radiology, Nihon University School of Medicine

C100 Rare variations of the posterior cerebral artery diagnosed by MR angiography at 3T

Akira Uchino / Dept. of Diagnostic Radiology, Saitama Medical University International Medical Center

C101 Imaging anatomy and variation of inferior petrosal vein evaluated by contrast-enhanced 3D-FFE MR imaging at 3 tesla

Shuichi Tanoue / Dept. of Radiology, Oita University Faculty of Medicine

C102 MR findings in transcranial MR-guided focused ultrasound thalamotomy for patients with essential tremor: Clinical feasibility and safety study in Japan

Toshio Yamaguchi / Research Institute for Medical Imaging

C103 Analysis of gadolinium deposition by inductively coupled plasma mass spectroscopy (ICP-MS) in the brain of normal mouse

Khongorzul Erdene / Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University

9:10-9:52 (Marine Lobby2)

18. Radiation Oncology 4: Prostate cancer

Katsumasa Nakamura

C104 The superiority of dose-escalated IMRT for prostate cancer

Mayu Oishi / School of Medicine, Niigata University

C105 To assess toxicity after IMRT for Prostate Cancer at Tottori University Hospital.

Koichi Michimoto / Dept. of Pathophysiological Therapeutic Science, Tottori University School of Medicine

C106 Prostate cancer radiotherapy using helical tomotherapy-A dosimetric comparison of fixed jaw and TomoEdge dynamic jaw delivery

Mitsuhiko Oguri / Dept. of Radiology and Radiation Oncology, Yamanashi University

C107 Feasibility of an endorectal balloon for prostate IMRT.

Yukihiro Hama / Dept. of Radiology, Edogawa Hospital

C108 Clinical outcomes of post operation radiotherapy (PORT) for prostate cancer at University of Tokyo Hospital since 2007 to 2014

Noriyasu Sekiya / Dept. of Radiology, University of Tokyo

C109 Relation between Ku80 and microRNA-99a expression and late rectal bleeding after radiotherapy for prostate cancer

Masanori Someya / Department of Radiology, Sapporo Medical University, School of Medicine

10:00-10:35 (Marine Lobby2)

19. Radiation Oncology 5: Prostate and other GU organs Hitoshi Wada

C110 Comparison of intraoperatively built custom-linked seeds and loose seeds for permanent prostate brachytherapy

Norihisa Katayama / Okayama University, Radiology

- C111** The incidence and location of seed migration after transperineal interstitial prostate brachytherapy with I-125 loose seeds

Ikuno Niishibuchi / *Dept. of Radiation Oncology, Hiroshima Prefectural Hospital*

- C112** Treatment outcomes for localized prostate cancer treated with 125I brachytherapy

Satoshi Senoo / *Dept. of Radiology, Kobe Univ*

- C113** Permanent iodine-125 implants brachytherapy: results after 7 years of experience in Kinki University Hospital

Masaki Yokokawa / *Dept. of Radiation Oncology, Kinki University Faculty of Medicine*

- C114** Renal graft irradiation in ABO-mismatched renal transplantation

Hirohide Matsushita / *Dept. of Radiology, Shinshu University School of Medicine*

10:40-11:01 (Marine Lobby2)

20. Radiation Oncology 6: Female pelvis

Hitoshi Ikushima

- C115** Preliminary result of MRI based image guided brachytherapy in cervical carcinoma: Chiba University experience

Miho Watanabe Nemoto / *Diagnostic Radiology and Radiation Oncology, Graduate School of Medicine, Chiba University*

- C116** Tumor Size and Initial Hemoglobin Level are the Most Significant Prognostic Factors for Cervical Cancer patients after Definitive Radiation Therapy.

Reiko Kobayashi / *Department of Radiology, University of Tokyo*

- C117** Evaluation of 15 cervical cancer cases treated by full-dose EBRT without center shield and sequential ICRT

Madoka Abe / *Dept. of Radiology, Kyushu Cancer Center*

11:10-11:38 (Marine Lobby2)

21. Nuclear Medicine 1: Cardiac Shinro Matsuo

- C118** Difference of wall motion synchrony after exercise and pharmacological stress in patients with normal stress perfusion and normal ejection fraction

Akira Yamamoto / *Dept. of Radiology, Nippon Medical School, Tama-nagayama Hospital*

- C119** Patients with reduced heart rate response to adenosine infusion have low myocardial flow reserve in ¹³N-ammonia PET studies

Takeshi Tomiyama / *Dept. of Radiology, Nippon Medical School*

- C120** Comparison of the usefulness of F-18 FDG-PET/CT and contrast enhanced MRI in the evaluation of cardiac sarcoidosis

Sayaka Kodaira / *Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University*

- C121** Appearance of cardiac sarcoidosis in 18F-FDG PET and Gallium-67 SPECT

Keiko Koyama / *Department of Radiology, Gunma Cardiovascular Center*

13:00-13:42 (Marine Lobby2)

22. Chest 1: Anatomy/perfusion

Munemasa Okada

- C122** Analysis of pulmonary vascular shadow of serial chest radiographs obtained with a flat-panel detector

Yoshihisa Nakano / *Dept. of Radiology, Koto Memorial Hospital*

- C123** The HRCT (high resolution CT) findings of pulmonary hypertension in 28 cases

Nobukata Kazawa / *Dept. of Radiology, Nagoya City University School of Medicine*

- C124** Comprehensive CT findings-based risk scoring system for mortality prediction after acute pulmonary embolism

Kanako Kumamaru / *Dept. of Radiology, Harvard Medical School & Brigham and Women's Hospital*

- C125** The imaging changes of pulmonary embolism before and after treatment: Discrepancy of three methods, CTA, lung PBV, and lung vessels

Hiroimi Hisazumi / *Dept. of Radiology, Saitama City Hospital*

- C126** Non-contrast-enhanced MRA with Time-SLIP for the diagnosis and treatment planning of pulmonary arteriovenous malformations: A feasibility study and preliminary results

Kohei Hamamoto / *Dept. of Radiology, Saitama Medical Center, Jichi Medical University*

- C127** CT differentiation of pulmonary arteriovenous malformation from its mimics

Koji Tokunaga / *Dept. of Diagnostic Imaging and Interventional Radiology, Kyoto Katsura Hospital*

14:00-14:56 (Marine Lobby2)

23. Chest 2: Tumor and others Masahiro Endo

- C128** Effect of AIDR 3D on a Computer-Aided Detection (CAD) System for Lung Nodules on Standard- and Ultra-Low-Dose CT

Sumiaki Matsumoto / *Advanced Biomedical Imaging Research Center, Kobe University Graduate School*

- C129** Investigation of CT images of lung cancer using iterative model reconstruction.

Hiroyuki Ishikawa / *Dept. of Radiology, Niigata University Hospital*

- C130** The relationship between CT angiogram sign and pathological findings in primary solid lung cancers: A retrospective study

Yuki Wada / *Dept. of Radiology, Akita University School of medicine*

- C131** Pulmonary Nodule/Mass Assessment Capability with Computed Diffusion-Weighted Imaging with High b-Value

Hisanobu Koyama / *Dept. of Radiology, Kobe University Graduate School of Medicine*

- C132** Pulmonary extranodal marginal zone B-cell lymphoma of MALT: imaging findings in 5 patients.

Shigeyasu Sugawara / *Dept. of Radiology, Sendai Kousei Hospital*

- C133** Drowning: Thoracic CT Findings for Predicting Clinical Severity

Nanae Tsuchiya / *Dept. of Radiology, Graduate School of Medical Science, University of the Ryukyus*

C134 Radiological and clinical findings of thymoma with spontaneous regression
Hidefumi Fujisawa / *Dept. of Radiology, Showa University Northern Yokohama Hospital*

C135 Mediastinal and axillar lymphadenopathy in patients with rheumatoid arthritis: Prevalence and clinical significance
Yuko Okabe / *Dept. of Radiology, University of Occupational and Environmental Health School of Medicine*

15:10-15:59 (Marine Lobby2)

24. Nuclear Medicine 2: Miscellaneous

Miwako Takahashi

C136 Detection of early phase of cerebral ischemia by 2-[18F]fluoroacetate PET
Ryuichi Nishii / *Dept. of Radiology, Faculty of Medicine, University of Miyazaki*

C137 18F-FDG PET/CT imaging for detecting nodal metastases in pharynx and larynx cancer patients and compared with CT
Yuko Suenaga / *Dept. of Radiology, Kobe Univ.*

C138 FDG-PET findings in intravascular lymphoma
Emiri Miyauchi / *Ehime Prefectural Central Hospital*

C139 Diagnostic performance in detection of breast cancer with a dedicated breast PET scanner
Kayo Nishimatsu / *Dept. of Radiology, Graduate School of Medicine Kyoto University*

C140 Diagnostic performance of a dedicated breast PET scanner with C-shaped ring detectors
Ryusuke Nakamoto / *Dept. of Radiology, Kyoto University School of Medicine*

C141 Improvement of lesion detectability in oncology FDG-PET using high-resolution protocol.
Erika Orita / *Dept. of Radiology, Nippon Medical School*

C142 A semi-automated method to reproducibly determine the threshold for tumor boundary in FDG PET-CT
Kenji Hirata / *Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine*

April 19 (Sun.)

9:10-9:45 (Marine Lobby1)

25. Musculoskeletal

Nobuyuki Shiraga

C143 High-resolution MR imaging of the ulnar and radial collateral ligaments of the wrist
Taiki Nozaki / *Radiological Sciences, University of California, Irvine*

C144 Initial experience with 3D isotropic high-resolution 3T MR arthrography of the wrist.
Taiki Nozaki / *Radiological Sciences, University of California, Irvine*

C145 MRI evaluation of acetabular labral tear on fat-saturated T2-weighted images
Yuriko Kawaai / *Dept. of Diagnostic Radiology, Sapporo Medical University School of Medicine*

C146 Analysis of the displacement of posterior humeral circumflex artery in proximal humeral fracture; pre-MIPO surgery assessment using 3D CT angiography
Daiji Uchiyama / *Dept. of Radiology, Tobata Kyoritsu Hospital*

C147 A longitudinal study of predicting pathologic spine fractures in multiple myeloma with CT-based finite element analyses
Miyuki Takasu / *Department of Diagnostic Radiology, Institute and Graduate School of Biomedical Sciences Hiroshima University*

10:00-10:28 (Marine Lobby1)

26. Miscellaneous

Osamu Miyazaki

C148 Clinical validation of delayed myocardial enhancement MRI with using free breathing navigator echo in sedated infants with single ventricle physiology
Shuhei Sato / *Dept. of Radiology, Okayama University Hospital*

C149 Utility of dual-source CT with ECG-triggered high-pitch spiral acquisition for evaluating the ventricles in children with congenital heart defect.
Motoo Nakagawa / *Dept. of Radiology, Nagoya City University Graduate School of Medical Sciences*

C150 Image quality of brain CT with bismuth eye shielding; evaluation of clinical images.
Atsuko Fujikawa / *Department of Radiology, St. Marianna University School of Medicine*

C151 Characteristics of the MRI findings in Klippel-Trenaunay Syndrome and relationships between the findings and the treatment
Noriko Nishioka / *Dept. of Diagnostic Radiology, KKR Sapporo medical center Tonan Hospital*

11:00-11:35 (Marine Lobby1)

27. Interventional Radiology 4: Miscellaneous

Kiyoshi Matsueda

C152 Selective intra-arterial chemotherapy and radiation therapy for advanced head and neck cancer.
Kazufumi Kimura / *Dept. of Radiology, Kofu municipal hospital*

C153 Feeding arteries of primary and recurrent tongue cancers on intra-arterial infusion chemotherapy
Takeshi Kamitani / *Dept. of Clinical Radiology, Kyushu University*

C154 HAI chemotherapy using FEM regimen for patients with liver metastases from gastric cancer after failure of systemic S-1 plus cisplatin
Akihiko Seki / *Dept. of Diagnostic Radiology, Niigata Cancer Center Hospital*

C155 Comparative study of diaphragmatic height between angio-CT and angiography
Takayoshi Kimura / *Dept of Radiology, Nippon Medical School Hospital*

C156 A novel 2D-perfusion application of a flat-panel detector angiography unit: preliminary experience in preoperative portal vein embolization to predict the change in the remnant liver volume rate
Hiroki Higashihara / *Dept. of Radiology Osaka University Graduate School of Medicine*

9:10-9:38 (Marine Lobby2)

28. Uroradiology Hiroshi Shinmoto

- C157** The position of apparent diffusion coefficient in clinical staging of clear-cell renal cell carcinoma
Hiroshi Mori / *Dept. of Radiology, Shimane University Faculty of Medicine*
- C158** Novel CT urography (CTU) using split bolus injection and dual energy CT (DECT) technology: Feasibility study using a phantom
Yukiko Honda / *Dept. of Diagnostic Radiology, Hiroshima University*
- C159** Carcinoma in situ (CIS) of the upper urinary tract on CT- and MR-urography
Kohei Sasaguri / *Dept. of Radiology, Takagi Hospital, Medical Corporation Kouhoukai*
- C160** Clinical and imaging features of retroperitoneal fibrosis in IgG4-related disease.
Dai Inoue / *Dept. of Radiology, Kanazawa University Graduate School of Medicine.*

9:50-10:11 (Marine Lobby2)

29. Obstetrics/Gynecology Yoshimitsu Ohgiya

- C161** Ovarian serous borderline tumors compared with ovarian clear cell carcinomas: magnetic resonance imaging findings
Hiroe Tsujimoto / *Dept. of Radiology, The Jikei University School of Medicine*
- C162** Evaluation of bleeding risk factors by preoperative MRI in laparoscopic myomectomy
Takahiro Ueda / *Dept. of Radiology, Fujita Health University*
- C163** Histogram analysis of apparent diffusion coefficient map of diffusion-weighted MRI for Differentiating Type II From Type I Endometrial Carcinoma
Eito Kozawa / *Dept. of Imaging Diagnosis, Saitama Medical University, International Medical Center*

10:50-11:39 (Marine Lobby2)

30. Radiation Oncology 7: Miscellaneous
Koichi Isobe

- C164** Role of post-treatment FDG PET-CT surveillance and outcome prediction in head and neck carcinoma patients treated with chemoradiotherapy
Tamaki Kondo / *Dept. of Radiology, Kanazawa Medical University*
- C165** Outcome of patients treated with a single-fraction dose of palliative radiation for mycosis fungoides.
Kae Okuma / *Dept. of Radiology, The University of Tokyo Hospital*
- C166** Comparing volumetric modulated arc therapy (VMAT) and helical tomotherapy (HT) in total scalp irradiation planning.
Ryosuke Takenaka / *Dept. of Radiology, The University of Tokyo Hospital*
- C167** Stereotactic body radiotherapy for large volume spinal tumors
Kei Ito / *Tokyo Metropolitan Cancer and Infectious diseases Center Komagome Hospital*

- C168** Definitive Radiotherapy for Cutaneous Angiosarcoma of the Scalp
Emiko Katayama / *Dept. of Radiation Oncology Nara Medical University*
- C169** Inhalation of Hydrogen gas under the high pressure environment protects radiation skin injury in rats
Sadahiro Watanabe / *Dept. of Radiology, National Defense Medical College*
- C170** Airtight water bag bolus application technique in extensive scalp lesion irradiation
Shinichiro Toyoshima / *Dept. of Radiation Oncology, Toyama Prefectural Central Hospital*