

Oral Presentation Programs

April 14 (Thu.)

15:00-15:50 (302)

1. Radiation Oncology 1: Head and neck 1

Kazuhiko Tsuchiya

- 001** Definitive Radiotherapy for Early Stage (cT1-T2) Glottic Squamous Cell Carcinoma: the University of Tokyo Hospital Experience
Wataru Takahashi / Dept. of Radiology, The University of Tokyo Hospital
- 002** RADIOTHERAPY FOR CERVICAL LYMPH NODE METASTASES OF UNKNOWN PRIMARY SITE
Yuko Inoue / Division of Radiation Oncology, Kobe University Graduate School of medicine
- 003** Definitive Radiotherapy for T3/T4 Hypopharyngeal Squamous Cell Carcinoma
Yoshiro Matsuo / Division of Radiation Oncology, Kobe University Graduate School of Medicine
- 004** Do head and neck cancer patients treated with definitive intensity modulated radiation therapy (IMRT) need the enteral tube feeding (ETF)?
Kazunari Miyazawa / Dept. of Radiation oncology, Saitama Univ. International Center
- 005** Patterns of Recurrence after Intensity-modulated Radiotherapy for Pharyngeal Cancer
Kaoru Okajima / Dept. Radiology, Nara Hospital, Kinki University

15:00-15:40 (303)

2. Interventional Radiology 1: Embolization (bleeding)

Yasuaki Arai

- 006** Clinical results of provocative angiography in lower gastrointestinal (LGI) hemorrhage
Asami Yoshida / Dept. of Radiology, Kansai Medical University
- 007** Super-selective Arterial Embolization with N-Butyl cyanoacrylate (NBCA) for Colonic Diverticular Hemorrhage
Sokun Fuwa / Dep. of Interventional Radiology, Kawasaki Saiwai Hospital
- 008** Safety and risk of superselective transcatheter arterial embolization for acute lower gastrointestinal hemorrhage with N-butyl-2-cyanoacrylate (NBCA): angiographical and colonoscopic evaluation
Mika Kodani / Dept. of Radiology, Tottori University School of Medicine
- 009** The role of uterine artery embolization in the treatment of postpartum hemorrhage
Takayoshi Kimura / Dept. Radiology, Tottori University Faculty of Medicine

15:00-15:40 (311+312)

3. Nuclear Medicine 1: Brain PET

Kenji Hirata

- 010** New SPECT scanner with semiconductor detectors enables dual tracer imaging of 123I-ioflupane and ^{99m}Tc-ethylcysteinate dimer
Takuya Toyonaga / Dept. of Nuclear Medicine, Hokkaido University School of Medicine

- 011** Increases and decreases of regional cerebral blood flow during whole body vibration exercise measured by ^{99m}Tc-ECD and SPECT
Ikuo Odano / Sendai Medical Imaging Center

- 012** The possible correlation of striatal uptake of ¹¹C-PiB PET with regional cerebral hypometabolism in cognitive impairment patients
Chisa Hosokawa / Dept. of Radiology, Kinki University Faculty of Medicine

- 013** Multi atlas-based attenuation correction for brain FDG-PET imaging using a TOF-PET/MR scanner; comparison with clinical single atlas-based attenuation correction
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School

15:50-16:30 (311+312)

4. Nuclear Medicine 2: Neuroradiology/head and neck

Kazunari Ishii

- 014** Relationship between Degree of F-18 FDG Uptake and Histopathological Findings of Meningioma
Noriyuki Shuke / Dept. of Radiology, Kushiro Kojinkai Memorial Hospital
- 015** Iterative factor analysis : Strategy for estimating input function in dynamic FDG brain PET
Chietsugu Katoh / Faculty of Health Sciences, Hokkaido University
- 016** PET/MR versus PET/CT in the Initial Staging of Head and Neck Cancer
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School
- 017** Utility of Pretherapeutic FDG-PET/CT for Evaluating Cancer of External Auditory Canal
Akira Torihara / Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental University Graduate School of Medicine

April 15 (Fri.)

9:10-10:00 (303)

5. Chest 1: Tumor 1

Hiroaki Arakawa

- 018** Comparison of Capability for Therapeutic Outcome Prediction between Dynamic CE-Perfusion Area-Detector CT and FDG-PET/CT in NSCLC Patients with Chemoradiotherapy
Yoshiharu Ohno / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 019** Comparison of Capability for N-Stage Assessment between Dynamic CE-Perfusion ADCT and FDG-PET/CT in Non-Small Cell Lung Cancer Patients
Yoshiharu Ohno / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 020** New WHO Classification; Thin-section CT Features of pT1 Invasive Adenocarcinomas of Lung
Saori Hirabayashi / Dept. of Diagnostic Radiology, Hyogo Cancer Center

- 021** Comparison of Recurrence Assessment Capability among Whole-Body MRI with and without DWI, PET/ MRI, PET/CT and Conventional Examination in NSCLC Patients

Yoshiharu Ohno / *Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine*

- 022** Utility of histogram analysis of apparent diffusion coefficient map associated with pathological grade of non-small cell lung cancer

Naoko Tsuchiya / *Dept. of Radiology, Kanazawa Medical University School of Medicine*

10:10-11:10 (303)

6. Chest 1: Tumor 2

Shuji Sakai

- 023** Re-evaluation of Stable Ground-Glass Opacity Nodules on Thin-section CT of the Lung by Further Follow-up

Naoya Koizumi / *Dept. of Diagnostic Radiology, Niigata Cancer Hospital*

- 024** Detection of vertebral metastases from lung cancer by temporal subtraction on chest CT

Shingo Iwano / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

- 025** Evaluation of locoregional invasiveness of small-sized lung cancer by enhanced dual-energy computed tomography

Hironori Shimamoto / *Dept. Radiology, Nagoya University Graduate School of Medicine*

- 026** Pulmonary MR Imaging with Ultra-Short TE vs. Low- and Standard-Dose CTs: Capability for Lung Nodule Detection and Nodule Type Classification

Yoshiharu Ohno / *Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine*

- 027** Chemical Exchange Saturation Transfer (CEST) Imaging: Comparison of Capability for Differentiation of Malignant from Benign Pulmonary Lesions with PET/CT

Yoshiharu Ohno / *Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine*

- 028** ADC histogram analysis in thymic epithelial tumors: correlation with WHO histological classification

Takafumi Yamada / *Dept. Radiology, Tokyo Medical University*

9:10-9:50 (304)

7. Breast 1: MRI 1

Tokiko Endo

- 029** 'T2-Hyper Rim' and 'Delayed Surrounding Rim' Signs of Invasive Breast Carcinomas: Correlation with Enhancement Ratio and Histologic Features

Namoto Matsubayashi Roka / *Breast Care Center, Radiology and Clinical Research Institute, National Medical Center*

- 030** Focus in breast MRI: assessment based on lesion and patient related characteristics

Youichi Machida / *Department of Radiology, Kameda Kyobashi Clinic*

- 031** Characterization of breast cancers using histogram analysis of pharmacokinetic parameters on dynamic contrast enhanced MRI: Correlation with immunohistochemical subtypes

Hiroko Satake / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

- 032** Usefulness of PMView for analysis of time intensity on 3T dynamic breast MRI

Fumi Kato / *Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital*

10:00-10:30 (304)

8. Breast 2: MRI 2

Mariko Goto

- 033** Magnetic resonance examination to predict pCR following neoadjuvant chemotherapy: When is it appropriate for HER2-positive and triple-negative breast cancers?

Satoko Okamoto / *Dept. of Radiology, St. Marianna University School of Medicine, Breast and Imaging Center*

- 034** A New Fat Suppression Technique in Computed Diffusion-weighted Imaging Using ADC Value of Fat

Toshiki Kazama / *Dept. of Radiology, Tokai University School of Medicine*

- 035** A comparison of the usefulness of MRI and Digital Breast Tomosynthesis in evaluating of a pCR after Neo Adjuvant Chemotherapy

Mari Kikichi / *Dept. of Diagnostic Radiology, National Cancer Center Hospital*

10:50-11:50 (304)

9. Breast 3: Miscellaneous

Ichiro Isomoto

- 036** Visibility of Circumscribed Masses on Breast Tomosynthesis: Do You Know the Halo Sign?

Kazuaki Nakashima / *Dept. of Breast Imaging/ Breast Intervention Section, Shizuoka Cancer Center*

- 037** Quality Evaluation of Clinical Images Acquired by Novel Image Processing for Dose Reduction in Mammography

Tokiko Endo / *Dept. of Breast Treatment, NHO Higashi Nagoya National Hospital*

- 038** Evaluation of Axillary Lymph Nodes in Patients with Breast Cancer Using Contrast-enhanced Ultrasound

Takayoshi Uematsu / *Dept. of Breast Imaging and Breast Intervention, Shizuoka Cancer Center Hospital*

- 039** Differential diagnosis of homogeneously enhancing breast lesions on contrast-enhanced US

Ritsuko Fujimitsu / *Dept. of Radiology, Faculty of Medicine, Fukuoka University*

- 040** Clinical Usefulness of Synthetic MMG in Breast Cancer Diagnosis

Nachiko Uchiyama / *Dept. of Radiology, National Cancer Center*

- 041** A new approach for diagnosis of breast cancer on digital breast tomosynthesis: Value of reconstructed slab-MIP images

Ryusuke Murakami / *Dept. of Radiology, Nippon Medical School*

9:20-10:20 (311+312)

10. Informatics (IT, Education)

Norinari Honda

- 042** Assessing the Efficiency and Stress-reducing Effects of Work Systems for Image Reading Duties

Chisa Bamba / *Dept. of Radiology, Kyoto Prefectural University of Medicine*

- 044** Problems of EPR (Electronic Patient Record) and Images Sharing system with XDS / XDS-I on thin-client system

Hiroshi Kondoh / *Division of Medical Informatics, Tottori University Hospital*

- 045** Entity-Relationship Model of Enterprise PACS: Backward Compatible with DICOM Information Model

Hiroshi Demachi / *Department of Diagnostic Radiology, Toyama Prefectural Central Hospital*

- 046** Is it possible for assuming disease name appropriately using the keywords extracted from radiological report?
Naoki Mihara / *Dep. of Medical Informatics, Osaka University Graduate School of Medicine*
- 047** Google Glass: A Tool to Assess and Document Interventional Radiology Trainee Procedural Competence, a Pilot Study
David R. Rajaratnam / *Department of Radiology, Loma Linda University Medical Center*
- 048** Radiological E-learning System for Medical Students Using Full-functional Picture Archiving System
Kazufumi Suzuki / *Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical Univ.*

- 059** What affects the visualization of prostate cancer using MRI in patients treated with RARP?
Kensuke Inamura / *Dept. of Radiology, Dokkyo Medical University School of Medicine*
- 060** T2-weighted imaging of the prostate: comparison of a modified DIXON TSE technique and a conventional TSE technique
Yukihisa Takayama / *Department of Radiology Informatics and Network, Graduate School of Medical Sciences, Kyushu University*
- 061** Comparison between 2D chemical shift T1-weighted imaging and mDIXON in assessment of adrenal masses
Ayako Morita / *Dept. of Radiology, Fukuoka University School of Medicine*

10:50-11:50 (311+312)

11. Nuclear Medicine 3: Cardiac

Masayuki Inubushi

- 049** Prognostic impact of deep-inspiratory breath-hold pulmonary perfusion SPECT-CT in patients with chronic pulmonary thromboembolism
Yoshimitsu Fukushima / *Dept. of Radiology, Nippon Medical School Hospital*
- 050** Measurement of Cardiac Function Before and After TAVI (Transcatheter Aortic Valve Implantation) Using Myocardial Scintigram
Keiichirou Yamaguchi / *Dep. of Radiology, Sendai Kousei Hospital*
- 051** Relationship among Wall Motion Synchrony Derived from Three Programs and Relationship between These Indices and Myocardial Perfusion in Rest SPECT
Akira Yamamoto / *Dept. of Radiology, Nippon Medical School Tamanagayama Hospital*
- 052** Relationship among Wall Motion Synchrony Derived from Three Programs in Low Dose Rest and High Dose Exercise Stress Cardiac SPECT
Akira Yamamoto / *Dept. of Radiology, Nippon Medical School Tamanagayama Hospital*
- 053** Evaluation of Systole Function After and Before TAVI with Myocardial Perfusion SPECT
Shigeyasu Sugawara / *Dept. of Radiology, Sendai Kosei Hospital*
- 054** C-11 PiB PET in cardiac amyloidosis: preliminary results
Takashi Norikane / *Dept. of Radiology, Fac. of Medicine, Kagawa University*

9:50-10:50 (315)

12. Uroradiology

Yasushi Kaji

- 056** Time is Money: Ultra-short Protocol of MRI Fistulogram for Perianal Fistulae
Ankit Balani / *Department of Radiology, Yashoda Hospital, Secunderabad*
- 057** Measurement of renal plasma flow on dynamic contrast-enhanced CT
Ryo Matsukiyo / *Dept. Radiology, Fujita Health University School of Medicine*
- 058** [Canceled]

11:00-11:50 (315)

13. Cardiovascular 1: MRI

Michinobu Nagao

- 062** Assessment and detection of left ventricular thrombus in patients with acute ischemic stroke using cardiac MR (ADVENT study)
Yoshiaki Morita / *National Cerebral and Cardiovascular Center, Department of Radiology*
- 063** Fermi function-constrained deconvolution underestimates myocardial blood flow and myocardial perfusion reserve regardless of saturation correction of arterial input curve
Akimasa Yamada / *Dept. of Radiology, Mie University Hospital*
- 064** Diagnostic performance of Non-contrast enhanced MR Angiography as a following modality after Endovascular Aortic Repair
Hiroshi Kawada / *Dept. of Radiology, Gifu university hospital*
- 065** Native T1 mapping allows for the accurate detection of the segments with myocardial infarction in patients with coronary artery disease
Yoshitaka Goto / *Dept. of Radiology, Mie University Hospital*
- 066** Diagnostic performance of 3.0T whole-heart coronary MR angiography performed as a part of routine contrast-enhanced CMR study
Akimasa Yamada / *Department of Radiology, Mie University Hospital*

15:10-15:50 (304)

14. Liver 1: Liver tumor and Parenchyma

Kazuhiko Ueda

- 067** USG Fatty Liver, Lipid Profile and Blood Glucose : Understanding the Interrelation !!!
Amey Narkhede / *Department of Radiology, Yashoda Hospital, Secunderabad*
- 068** The usefulness of view-sharing multi-phasic gadoteric acid-enhanced hepatic arterial phases for the diagnosis of hypervascular hepatocellular carcinoma
Nobuyuki Kawai / *Department of Radiology, Gifu University Hospital*
- 069** Distinguishing Inflammatory Pseudo-Tumor from Hepatic Metastasis Using Gadoteric Acid-Enhanced MR Imaging
Tatsuya Suzuki / *Dept. of Radiology, Yamanashi University School of Medicine*

- 070** Risk of hepatocellular carcinoma development assessed by gadoteric acid-enhanced MRI and MR elastography : a prospective study
Tatsuya Shimizu / 1. Department of Radiology, University of Yamanashi, Yamanashi, Japan

16:00-16:40 (304)

15. Liver 2: Spare ability and Fibrosis

Katsuyoshi Ito

- 071** Extracellular volume fraction calculated from equilibrium phase iodine map of dual-energy CT in diagnosing liver fibrosis grade: preliminary report
Yoshinobu Shinagawa / Dept. of Radiology, Fukuoka University School of Medicine
- 072** Measuring pre-therapeutic hepatic functional reserve using T1 mapping Gd-E0B-DTPA-enhanced MRI: comparing 99mTc GSA scintigraphy with indocyanine green (ICG) retention
Masataka Nakagawa / Dept. of Radiology, Kumamoto University School of Medicine
- 073** Magnetic resonance elastography (MRE) in assessing hepatic fibrosis: comparative study with transient elastography (TE) in same patients with histological data
Masafumi Toguchi / Dept. of Radiology, Kinki University School of Medicine
- 074** Arterial phase enhancement effect on the dynamic phase of gadoterate-enhanced MRI may be diminished in patients with liver dysfunction
Tomonobu Tani / Dept. of Radiology, Fukuoka University School of Medicine

16:50-17:40 (304)

16. Liver 3: Techniques

Akihiro Nishie

- 075** CT Perfusion in the Abdomen: Dose Reduction using kV change and AEC
Takeshi Yoshikawa / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 076** Reduction of the Radiation Dose and the Amount of Contrast Material in Hepatic Dynamic CT with Low-Tube-Voltage and AIDR 3D
Atsushi Nakamoto / Dept. of Radiology, Osaka Medical College
- 077** Diagnostic performance of 60% dose reduction in early arterial phase of liver dynamic CT using model based iterative reconstruction (MBIR)
Runa Kataoka / Dept. of Radiology, Graduate School of Medicine, The University of Tokyo
- 078** Anatomical and Hemodynamic Assessments of Hepatic Vasculatures using 4D-PCA Technique: Initial Experience
Takeshi Yoshikawa / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 079** Computed Diffusion-Weighted Image in the Abdomen
Takeshi Yoshikawa / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine

15:10-16:20 (313+314)

17. Interventional Radiology 2: Liver (TACE)

Hidefumi Mimura

- 080** Local recurrence rate of Ultraselective transcatheter arterial chemoembolization (TACE) for hepatocellular carcinoma (HCC)
Daisuke Abo / Department of Diagnostic and Interventional Radiology, Hokkaido University Hospital
- 081** Single step versus stepwise chemoembolization for unresectable giant hepatocellular carcinoma: Is single step chemoembolization harmful?
Yohei Ikebe / Dept. of Radiology, Nagasaki University School of Medicine
- 082** Safety of Treatment of Hepatic Malignancy with Transarterial Chemoembolization Using Drug-eluting Beads; Early Experiences
Kotaro Yasui / IVR Center, Okayama Saiseikai General Hospital
- 083** Switching from Hepasphere to DC Bead: Chemoembolization with drug-eluting beads in recurrent hepatocellular carcinoma patients with extensive embolization histories
Akihiko Seki / Dept. of Medical oncology, Suita Tokushukai Hospital
- 084** Transarterial chemoembolization with drug eluting microspheres (DEB-TACE) for initial large hepatocellular carcinoma
Noboru Maeda / Dept. of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine
- 085** Salvage Lip-TACE after insufficient DEB-TACE
Yoshihisa Kodama / Dept. of Radiology, Teine Keijinkai Hospital
- 086** Does Initial Learning Curve Compromise Outcomes of DEB-TACE?
Yuki Yoshino / Dept. of Radiology, Teine Keijinkai Hospital

16:30-17:30 (313+314)

18. Interventional Radiology 3: Neurointervention

Satoshi Takahashi

- 087** Preliminary results of proton beam therapy combined with cisplatin intra-arterial infusion via a superficial temporal artery for maxillary carcinoma
Tatsuya Nakamura / Dept. of Radiology, Southern Tohoku Proton Therapy Center
- 088** Clinical results of intra-arterial high-dose cisplatin chemotherapy and concomitant radiation therapy followed by surgery to treat advanced paranasal sinus cancer
Kento Hisazumi / Dept. of Radiology, Okayama University Hosp.
- 089** Initial experience of coil Embolization for cerebral Aneurysms using the Enterprise 2 intracranial stent
Kaoru Myouchin / Department of Radiology and Interventional Neuroradiology, Ishinkai Yao General Hospital
- 090** Usability and feasibility of J-pre-shaped microcatheter that is suitable for 3.5-Fr angiographic catheter -: application for head and neck cancer
Taichi Kurose / Department of Diagnostic Radiology, Hiroshima Prefectural Hospital Hiroshima, Japan
- 091** Incidence and prognosis of plaque protrusion during carotid artery stenting
Katsutoshi Takayama / Department of Radiology and Interventional neuroradiology, Ishinkai Yao General Hospital
- 092** Coil embolization using Enterprise stent for kissing aneurysms of the internal carotid artery
Takeshi Wada / Dept. of Radiology, Nara Medical University

15:10-16:10 (315)

19. Cardiovascular 2: Myocardium and Perfusion
Kenichi Yokoyama

- 093** Quantitative Assessment of Left Ventricular Three-Dimensional Maximum Principal Strain using Cardiac Computed Tomography for Identification of Myocardial Infarction
Yuki Tanabe / *Ehime University Graduate School of Medicine.*
- 094** The myocardial area at risk for coronary CT angiography using Voronoi algorithm-based myocardial segmentation in comparison with ¹³N-ammonia PET
Naoto Kawaguchi / *Department of Radiology, Ehime Prefectural Central Hospital*
- 095** Myocardial Blood Flow of Area at Risk Based on Stress Dynamic Perfused Computed Tomography: Validation by Using Fractional Flow Reserve
Naoki Fukuyama / *Dept. of Radiology, Ehime University School of Medicine*
- 096** Permissible Sampling Rate of Whole Heart Dynamic Computed Tomography (CT) Scan Leading Myocardial Blood Flow (MBF) for Clinical Use
Takahiro Yokoi / *Dept. of Radiology, Ehime University School of Medicine*
- 097** Radiation Exposure Reduction in 320-row Cardiac CT using Forward Projected Model-based Iterative Reconstruction SoluTion (FIRST)
Eriko Maeda / *Dept. of Radiology, The University of Tokyo Hospital*
- 098** Evaluation of coronary dominance using bull's eye map reconstruction with coronary MDCT
Kenji Fukushima / *Department of Diagnostic imaging and Nuclear medicine, Tokyo Women's Medical University*

16:20-17:10 (315)

20. Cardiovascular 3: Coronary artery Kei Takase

- 099** Adenosine Triphosphate Stress Dynamic Perfusion CT Imaging to Identify Myocardial Ischemia: Correlation with Coronary CTA and Invasive Coronary Angiography
Enver Tahir / *Department of Radiology, Ehime University*
- 100** Comparison of Coronary CT-bull's Eye Map and Perfusion Defect by Ammonia PET in Patients with Ischemic Heart Disease
Yuka Matsuo / *Dept. of Diagnostic imaging and nuclear medicine, Tokyo women's medical university*
- 101** Evaluation of image quality of coronary arteries on non-ECG-gated dual-source CT in children with congenital heart disease
Yuichiro Kanie / *Dept. of Radiology, Okayama University Medical School*
- 102** Effects of monochromatic imaging at different keV on coronary motion artifact reduction by motion correction algorithm in coronary dual-energy CTA
Haruhiko Machida / *Department of Radiology, Tokyo Women's Medical University Medical Center East*
- 103** Evaluation of the effect of intracoronary attenuation on coronary plaque measurements using a dual-phase coronary CT angiography technique
Masafumi Kidoh / *Dept. of Radiology, Kumamoto University*

April 16 (Sat.)

9:10-10:00 (304)

21. Gastrointestinal 1: MRI Yukihisa Saida

- 104** Anterior Extension of Perianal Fistulae and Involvement of Genitalia: MR Imaging and significance of Fistulogram
Sridhar Devu / *Department of Radiology, Yashoda Hospital*
- 105** Magnetic Resonance Enterocolonography Reflects the Presence of Partial Mucosal Healing in Patients with Crohn's Disease
Yoshio Kitazume / *Dept. of Diagnostic Radiology, Tokyo Medical and Dental University*
- 106** Ultra-High-Resolution 7-T MR Imaging of Gastric Carcinoma Ex Vivo: Correlation with Histopathologic Findings
Ichiro Yamada / *Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental University*
- 107** Evaluation of rectal cancer in FOCUS-DWI: Preliminary study using synthetic DWI
Motoyuki Katayama / *Dept. of Radiology, Seirei Hamamatsu General Hospital*
- 108** Rectal Cancer: Apparent Diffusion Coefficient Value and Clinical-Pathologic Factors Associated with Local Recurrence or Distant Metastasis
Yoshifumi Noda / *Dept. Radiology, Gifu University Hospital*

10:10-10:50 (304)

22. Pediatric Shunsuke Nosaka

- 109** Ultra-low-dose 320-row Pediatric Cardiac CT using Forward Projected Model-based Iterative Reconstruction SoluTion (FIRST)
Eriko Maeda / *Dept. of Radiology, University of Tokyo, School of Medicine*
- 110** Fetal MRI findings of congenital bronchial atresia; comparison with presurgical chest CT and pathological findings
Kumiko Nozawa / *Dept. of Radiology, Kanagawa Children's Medical Center*
- 111** Functional evaluation of congenital hydronephrosis using dynamic contrast-enhanced MR urography: A comparison with MAG3 scintigraphy
Mikiko Miyasaka / *Dept. of Radiology, National Center for Child Health and Development*
- 112** The Utility of spinal ultrasonography for screening in early infants: A comparison with spinal MRI
Reiko Okamoto / *Dept. of Radiology, National Center for Child Health and Development*

11:00-11:40 (304)

23. Gastrointestinal 2: Miscellaneous Hiromu Mori

- 113** Specific Diagnosis of Petersen's Hernia on CT by Focusing on Relationship between Superior Mesenteric Artery (SMA) Branches
Jun Kubota / *Dept. Radiology, Saiseikai Maebashi Hospital*
- 114** CT Gastrography of Diffuse-type Gastric Cancer: Relationships between CT Features and Prognostic Factors
Daisuke Tsurumaru / *Dept. of Radiology, Kyushu University*

115 Comparison of detectability of tumor invasion depth in gastric cancer between preoperative MR imaging and computed tomography
Hidenori Kanazawa / Dept. of Radiology, Jichi Medical University

116 Evaluation of gastric cancer cases detected by annual screening involving a diagnostic category related to *Helicobacter pylori* gastritis
Takahiro Itoh / Dept. of Radiology, Nara Medical University

9:40-10:40 (311+312)

24. Musculoskeletal 1: MRI Kunihiro Fukuda

117 Prospective Study on changes in Atrophy and Fatty Infiltration of the Supraspinatus Muscle after Arthroscopic Repair and rehabilitation
Yin Ho Arnold Tsang / Department of Diagnostic and Interventional Radiology, Kwong Wah Hospital

118 MRI in Differential Diagnosis of Nosological Form of Pathological Vertebral Fractures
Anastasia Nered / Department of Radiology, N.N. Blokhin Russian Cancer Research Center

119 MR imaging of displaced bucket-handle tear of the medial and lateral meniscus
Khongorzul Tungalag / Department of Radiology, Munguunur hospital

120 Intravoxel incoherent motion MRI for differentiation of benign-intermediate malignancy soft tissue tumors and soft tissue sarcomas
Masanori Nakajo / Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University

121 The ulnar nerve movement during elbow flexion: quantitative assessment using MRI
Yasuhiro Kawahara / Dept. of Radiology, Nagasaki Rosai Hospital

122 Usefulness of MAVRIC-SL sequence for patients with total joint replacement
Masayuki Odashima / Dept. of Radiology, Toho University Sakura Medical Center

10:50-11:30 (311+312)

25. Musculoskeletal 2: Miscellaneous Takatoshi Aoki

123 Effect of compliance to Ottawa ankle rule on fracture detection rate of ankle radiographs performed in emergency department
Yin Ho Arnold Tsang / Department of Diagnostic and Interventional Radiology, Kwong Wah Hospital

124 Clinical evaluation of a new X-ray imaging system based on Talbot-Lau interferometry: comparison of patients with RA to healthy volunteers
Junji Tanaka / Dept. of Radiology, Saitama Medical University

125 Multiparametric Voxel-based Analyses of SUVs and ADCs of Soft-tissue Tumors with a PET/MR System
Koji Sagiyama / Department of Clinical Radiology, Kyushu University

126 Prediction of femoral neck strength using tomosynthesis in patients with diabetes mellitus: optimal parameters in trabecular bone analysis
Masami Fujii / Dept. of Radiology, University of Occupational and Environmental Health School of Medicine

10:10-10:50 (315)

26. Obstetrics/Gynecology 1: Uterus and others Satoru Takahashi

127 Magnetic resonance elastography predicts uterine fibroid response to magnetic resonance-guided focused ultrasound treatment: a preliminary study
Shintaro Ichikawa / Dept. of Radiology, University of Yamaguchi

128 Feasibility of computed diffusion weighted imaging and optimization of b-value in cervical cancer
Yusaku Moribata / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine

129 Endometrial cancer: Preoperative staging with high-resolution diffusion-weighted MR imaging using a two-dimensional spatially selective radiofrequency excitation technique
Takashi Ota / Dept. Radiology, Osaka University Graduate School of Medicine

130 Delivery related changes in position of the pelvic organs and cross-sectional area of the vagina
Shotaro Naganawa / Dept. of Radiology, Graduate School of Medicine, The University of Tokyo

11:00-11:40 (315)

27. Obstetrics/Gynecology 2: Ovary Yumiko Oishi Tanaka

131 Is there any difference between typical and atypical MR image findings of ovarian clear cell carcinomas (OCCCs)?
Tomoko Manabe / National Cancer Center

132 Ovarian carcinosarcoma: Magnetic resonance imaging findings with pathological correlations
Takami Ota / Dept. of Radiology, Tokyo metropolitan Tama med. center.

133 Bilateral ovarian tumors on MRI: How should we differentiate the lesions?
Naoko Mukuda / Dept. of Radiology, Tottori University

134 MR imaging findings of granulosa cell tumor of the ovary
Yuka Okajima / Dept. of Radiology, St. Luke's International Hospital

13:00-13:50 (303)

28. Chest 3: Perfusion Kiyoshi Murata

135 Which is Better Xenon-Enhanced CT between Dual-Energy and Subtraction CT Methods: Ventilation and Functional Loss Assessments in Smokers?
Yoshiharu Ohno / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine

136 Modified lung perfused blood volume with low attenuation volume on virtual non-contrast image for assessment of acute pulmonary embolism
Munemasa Okada / Det. of Radiology, Yamaguchi University School of Medicine

137 Clinical severity of chronic thromboembolic pulmonary hypertension: Assessment on lung perfused blood volume images acquired by dual-energy CT
Hidenobu Takagi / Dept. of Diagnostic Radiology, Tohoku University Graduate School of Medicine

- 138** Dynamic CE-Perfusion MRI: Influence of Contrast Media Volume for Perfusion and Functional Assessments as Compared with Dynamic CE-Perfusion ADCT
Yoshiharu Ohno / *Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine*

- 139** 4D Flow MRI for monitoring Mean Pulmonary Arterial Pressure for Chronic Thromboembolic Pulmonary Hypertension Treated by Balloon Pulmonary Angioplasty
Hideki Ota / *Dept. of Diagnostic Radiology, Tohoku University Hospital*

15:40-16:40 (303)

29. Chest 4: Miscellaneous Shuichi Ono

- 140** Characteristics of the Lung of Patients with Primary Spontaneous Pneumothorax: Evaluation with Computed Tomography
Noriko Kobayashi / *Dept. of Radiology, Teikyo University Mizonokuchi Hospital*
- 141** Clinical-Radiologic-Pathologic diagnoses in the cases of possible UIP pattern according to IPF evidence-based guidelines
Yuko Nishimoto / *Dept. of Radiology, Tenri Hospital*
- 142** Application of the homology method for quantification of low-attenuation lung region in patients with and without COPD
Mizuho Nishio / *Clinical PET Center, Institute of Biomedical Research and Innovation*
- 143** Quantitative evaluation of interstitial pneumonia using 3D-curved high-resolution CT imaging parallel to the chest wall
Hiroyasu Umakoshi / *Dept. Radiology, Nagoya University Graduate School of Medicine*
- 144** Pulmonary cysts identified on chest CT: Aging change or clinically significant?
Tetsuro Araki / *Department of Radiology, Brigham and Women's Hospital, Harvard Medical School*
- 145** CT findings of adenocarcinoma in situ, minimally invasive adenocarcinoma and lepidic adenocarcinoma
Takuya Yagi / *Dept. of Diagnostic Radiology, Niigata University Medical and Dental Hospital*

13:00-13:50 (304)

30. Radiation Oncology 2: Gastrointestinal Tetsuo Nishimura

- 146** Comparative evaluation of respiratory-gated and un-gated PET based target volume in the definition of radiation treatment planning in pancreatic cancer
Takahiro Kishi / *Dept. of Radiation Oncology and Image-Applied Therapy, Kyoto University Graduate School of Medicine*
- 147** Results of radiotherapy for tumor thrombosis in hepatocellular carcinoma
Yuma Iwai / *Dept. of Radiology, Chiba University School of Medicine*
- 148** Treatment Time and Dose Rate Analysis for Respiratory Moving Liver Tumor Using Real-time-image Gated Spot Scanning Proton Beam Therapy System
Shinichi Shimizu / *Dept. of Radiation Oncology, Hokkaido University Graduate School of Medicine*

- 149** A new treatment strategy for advanced rectal cancer: KORTUC (Kochi Oxydol Radiation Therapy for Unresectable Carcinomas) and S-1
Shiro Obata / *Dept. of Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hospital*

- 150** Concurrent Radiotherapy and 5-fluorouracil-based Chemotherapy for Esophageal Squamous Cell Carcinoma
Hirotake Saito / *Dept. of Radiology and Radiation Oncology, Niigata University Graduate School of Medical and Dental Sciences*

14:00-14:50 (304)

31. Radiation Oncology 3: Prostate cancer Keisuke Sasai

- 151** Treatment outcome and prognostic factor analyses for patients with T3bN0M0 prostate cancer who received CIRT
Goro Kasuya / *NIRS*
- 152** Extramedullary plasmacytoma and prostate cancer irradiated at the same time
Masayuki Ito / *Dept. of radiology, Fujita Health University School of Medicine*
- 153** Long-term tumor control and late toxicities in patients with prostate cancer receiving hypofractionated soft tissue-matched image-guided intensity modulated radiotherapy
Daisuke Shimizu / *Dept. of Radiology, Kyoto Second Red Cross Hospital*
- 154** Hypofractionated stereotactic radiotherapy for localized prostate cancer - A preliminary result
Osamu Suzuki / *Dept. of Carbon Ion Radiotherapy*
- 155** Acute and Late Toxicities after High Dose Rate (HDR) Brachytherapy as Monotherapy in Localized Prostate Cancer
Shinji Kariya / *Dept. of Radiology, Kochi Medical School*

15:00-15:40 (304)

32. Radiation Oncology 4: Miscellaneous Noriaki Nishiyama

- 156** Influence of Bone Cement for Vertebroplasty on Radiation Dose Distribution in the Treatment of Spinal Metastasis
Toshie Mori / *Dept. of Radiology, Aichi Medical University*
- 157** Reduction of working time and cost by avoiding anesthesia by child life specialist assistance for pediatric radiotherapy
Hiroshi Fuji / *Dept. of Radiation Oncology, National Center for Child Health and Development*
- 158** Acute Toxicities of Total Body Irradiation by Intensity-modulated Radiation Therapy
Ryosuke Takenaka / *Dept. of Radiology, Univ. of Tokyo Hosp.*
- 159** The Benefit of Definitive Radiation Therapy for Elderly Patients More Than 80 Years Old
Yukiyasu Ehara / *Dept. of Radiology, The University of Tokyo Hospital*

15:50-16:50 (304)

33. Radiation Oncology 5: Ion beam radiotherapy and others Norihiko Kamikonya**160** A surveillance study of Present status and pattern of practice for reirradiationHideya Yamazaki / *Dept. of Radiology, Kyoto Pref. Medical School***161** Evaluation about quality of life and psychophysiological effect in patients treated with radiotherapy for cancer recurrence or metastasisTakeo Takahashi / *Dept. of Radiation Oncology, Saitama Medical Center, Saitama Medical University***162** Clinical efficacy of cepharanthin for radiotherapy-induced leukopenia: A nationwide multicenter observational studyShuichi Kanamori / *Dept. of Radiation Oncology, Kindai University, Faculty of Medicine***163** Radiotherapy combined with systemic pulsed corticosteroids for moderate-to-severe Graves' ophthalmopathy: role of magnetic resonance imagingTatsuya Suwa / *Dept. of Radiology, Tenri Hospital***164** Boron Neutron Capture Therapy for Extensive Scalp Lesions -Treatment Planning Study-Minoru Suzuki / *Research Reactor Inst, Kyoto Univ***165** Spot-scanning proton beam therapy (SSPT) with or without the use of a real-time tumor-tracking function: Clinical ExperienceNorio Kato / *Dept. of Radiation Oncology, Hokkaido University Hospital*

15:20-16:00 (311+312)

34. Autopsy Imaging Seiji Yamamoto**166** Postmortem radiological and pathological changes of lung within the first 24 hours after death in piglet modelKazuyuki Kinoshita / *Dept. of Radiology, Univ. of Fukui***167** Drowning lung on postmortem CT; Ai experimental evaluationHideki Hyodoh / *Dept. of Legal Medicine, Sapporo Medical University***168** Hemopericardium on postmortem CT: What dose "hyperdense armored heart" indicate?Tomonori Murakami / *Dept. of Radiological Science, Nagasaki University Graduate School of Biomedical Sciences***169** Post-mortem CT features of the lungs in carbon monoxide poisoningYohsuke Makino / *Dept. of Forensic Medicine, The University of Tokyo*

16:10-16:50 (311+312)

35. Emergency radiology and others

Sojiro Morita

170 The efficacy of the ultrasonography guided biopsy of the submandibular gland for diagnosing IgG4-related diseaseYukio Ishisaka / *Dept. Diagnostic Radiology***171** Presence of midline subarachnoid hemorrhage on initial CT supports proper indication of MRI for detection of diffuse axonal injuryDaddy Mata-Mbemba / *Department of Diagnostic Radiology, Tohoku University Graduate School of Medicine, Sendai, Japan***172** Whole-body CT in Blunt Trauma Patients; Can the unenhanced CT Be Eliminated?Yukichi Tanahashi / *Department of Radiology, Teikyo University School of Medicine***173** Concentration-dependent Signal Enhancement Effect of Gd-DTPA Contrast Agent in Low Field Magnetic Resonance ImagingBimali S. Weerakoon / *Graduate School of Advanced Integration Science, Chiba University*

13:00-13:40 (313+314)

36. Interventional Radiology 4: Chest and Lymphatics Hideo Gobara**174** Angiographic Patterns of Bronchial, Pulmonary and Non-bronchial Systemic Circulation in Massive HemoptysisAnkit Balani / *Department of Radiology, Yashoda Hospital, Secunderabad***175** Interventional Angiography, Thrombectomy and Thrombolysis of Fulminant Pulmonary Embolisms in Patients Primarily Unsuited for Conventional Intravenous Anticoagulation TreatmentArnd Felten / *Institute of diagnostic and interventional Radiology, Staedisches Klinikum Karlsruhe and Institute of diagnostic and interventional Radiology, Knappschaftskrankenhaus Bochum-Langendreer, Germany***176** Reperfusion of Pulmonary AVMs after Coil Embolization: from the experience of embolization of 159 AVMs in 63 patientsSatoshi Yamamoto / *Dept. of Radiology, Hyogo College of Medicine***177** Transvenous retrograde cannulation of thoracic duct: Initial experienceShuji Kariya / *Dept. of Radiology, Kansai Medical University*

13:50-14:50 (313+314)

37. Interventional Radiology 5: Experiments

Osamu Ikeda

178 Early prediction of therapeutic effect of cryoablation using bioluminescence image: An experimental studyOyunbold Lamid-Ochir / *Department of Nuclear Medicine and Diagnostic Radiology, Gunma University Graduate School of Medicine***179** Endovascular metallic marker implantation for real time tumor tracking during stereotactic irradiation: A phantom study using percutaneous markerAkira Imaizumi / *Dept. of Radiology, Yamanashi University***180** Sensor-based electromagnetic navigation system for guidewire cannulation in renal and iliac arteries: A Phantom Model StudyToshiya Kariyasu / *Dept. of Radiology, Kyorin University School of Medicine***181** In vivo evaluation of transarterial chemoembolization using cisplatin powder mixed with degradable starch microspheres in VX2 rabbit liver tumorsTakeshi Sato / *Dept. of Radiology and IVR Center, Nara Medical University***182** The utility of an active micro-catheter based on the Active Sheath mechanismNorihisa Nitta / *Dept of Radiology, Shiga University of Medical Science*

- 183** Hottest skin-dose presumed by apparent hot spots mapping system and Air Kerma indicated on DSA system
Morio Nagahata / Dept. of Diagnostic and Interventional Neuroradiology, Yamagata City Hospital

15:00-15:50 (313+314)

38. Interventional Radiology 6: Embolization (miscellaneous) Keigo Osuga

- 184** Initial experience with use of microspheres for embolization of type 3a arteriovenous malformations
Satomi Mine / Dept. of Radiology, Nagasaki University Hospital
- 185** Transcatheter arterial embolization of renal angiomyolipoma using a mixture of N-butyl-2-cyanoacrylate and iodized oil
Manabu Nakata / Dept. of Radiology, Dokkyo Medical University Koshigaya Hospital
- 186** Initial experience of trans catheter arterial embolization of arteriovenous malformations in the extremities with microspheres
Tadashi Shimizu / Dept. of radiology, KKR Sapporo Tonan Hospital
- 187** Long-term outcomes of selective renal artery embolization for renal arteriovenous fistulas with aneurysmal change
Yasushi Kimura / Dept. of Radiology, Osaka University Graduate School of Medicine
- 188** The early MR imaging outcomes after uterine artery embolization for uterine fibroids using Embosphere®
Ryosuke Ohira / Dept. of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine

16:00-16:40 (313+314)

39. Head and Neck 1: MRI Reiichi Ishikura

- 189** Differences in Intravoxel Incoherent Motion Imaging Characteristics of HPV-Positive and HPV-Negative Head and Neck Squamous Cell Carcinomas
Naoko Saito / Dept. Diagnostic Radiology, Saitama Medical University, International Medical Center
- 190** Perfusion Imaging of Parotid Gland Tumors: Usefulness of Arterial Spin-Labeling for Differentiating Warthin's Tumors
Hiroki Kato / Dept. of Radiology, Gifu University School of Medicine
- 191** MR findings of mucoepidermoid carcinoma of the parotid gland using ADC value and dynamic contrast-enhanced study
Kenji Ohira / Department of Radiology, Chiba University Hospital
- 192** Comparison of MRI findings between intracranial and extracranial schwannomas
Tomohiro Ando / Department of Radiology, Gifu University Hospital

13:00-13:40 (315)

40. Neuroradiology 1: Tumor Masafumi Harada

- 193** rCBV of Gliomas: Do they reflect the level of neoangiogenesis and help in preoperative Tumor Grading
Preetham Pantrngam / DEPARTMENT OF RADIOLOGY AND IMAGING, YASHODA HOSPITAL

- 194** Diagnostic Utility of Intravoxel Incoherent Motion MR imaging in Differentiating Primary Central Nervous System Lymphoma from Glioblastoma Multiforme
Koji Yamashita / Dept. of Clinical Radiology, Kyushu University

- 195** Voxel-based Analyses of SUVs and ADCs with a PET/MR System: Initial Clinical Experience in Grading Diffuse Gliomas
Osamu Togao / Dept. of Clinical Radiology, Kyushu University

- 196** Performance of Major Diffusion Metrics in Distinguishing Lymphomas and Glioblastomas
Khin Khin Tha / Hokkaido University

13:50-14:30 (315)

41. Neuroradiology 2: CT (others)

Akira Kunimatsu

- 197** Byzantine Bridge Between Skull & Spine : Overview of CVJ anomalies
Preetham Pantrngam / DEPARTMENT OF RADIOLOGY AND IMAGING, YASHODA HOSPITAL
- 198** Iterative Reconstruction Designed for Brain CT: A Correlative Study with Filtered Back Projection for the Diagnosis of Acute Ischemic Stroke
Takeshi Nakaura / Dept. of Diagnostic Radiology
- 199** Derivation and Prospective Validation of a Clinical Prediction Rule for a Potential Target of Lower Radiation Dose Head CT
Kanako Kumamaru / Dept. of Radiology, Juntendo University School of Medicine
- 200** Assessment the utility of three-dimensional printed cerebral aneurysm model in neck clipping operation
Ayako Yoshida / Dept. of Radiology, Kurume University School of Medicine

14:40-15:40 (315)

42. Neuroradiology 3: Miscellaneous

Hitoshi Terada

- 201** Evaluation of intravoxel incoherent motion perfusion in the normal pituitary anterior lobe: turbo spin-echo diffusion-weighted imaging
Kiyohisa Kamimura / Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences
- 202** Neuroimaging Findings of Joubert Syndrome with C50RF42 Gene Mutation: Do They Show Classic Molar Tooth Sign?
Mikako Enokizono / Dept. of Radiology, Kanagawa Children's Medical Center
- 203** Contrast Enhancement of Perivascular Space in Basal Ganglia
Shinji Naganawa / Dept. of Radiology, Nagoya University Graduate School of Medicine
- 204** Clinical usefulness of ischemic signs in differentiating thromboembolic occlusion from slow flow in patients with cerebrovascular disease
Naomi Morita / Department of Radiology, National Cerebral and Cardiovascular Center
- 205** The characteristic distribution of Glx in depression patients
Shingo Sakamoto / Dept. of Radiology, St. Marianna University School of Medicine

- 206** Consecutive Acquisition of Time-resolved Contrast-enhanced MR Angiography and Perfusion Imaging of the Brain Using a 1.0-M Contrast Agent
Kazuhiro Tsuchiya / Dept. of Radiology, Tokyo Teishin Hospital

15:50-17:00 (315)

43. Technologies Chietsugu Katoh

- 207** The development of a new compression device for intravascular treatment of superficial vascular malformations
Akira Kitagawa / Department of Radiology, Aichi Medical University

- 208** Evaluation of the accuracy of 3D printed visceral aneurysmal models utilizing CT angiography data
Eisuke Shibata / Dept. of Radiology, The University of Tokyo Hospital

- 209** Lung cancer screening in ultra-low-dose CT by means of massive-training artificial neural network image-quality improvement: An initial clinical trial
Wataru Fukumoto / Dep. of Diagnostic Radiology, Hiroshima University

- 210** Model-Based iterative reconstruction technique for low radiation dose abdominal CT: comparison with hybrid iterative reconstruction and filtered back projection techniques
Yoshiko Ueno / Dept. of Radiology, Kobe University Graduate School of Medicine

- 211** Ultra High Field MRI of Human Brain Structure and Function
Norihiro Sadato / Div. Cerebral Integration, National Institute for Physiological Sciences

- 212** The Effect of Acceleration Factor in Multiband GE-EPI Sequence on the Functional SNR and Slice-separation Accuracy in 7T MRI
Norihiro Sadato / Division of Cerebral Integration, National Institute for Physiological Sciences

- 043** Initial evaluation of Photoacoustic Imaging in an vivo animal model
Kenichiro Okumura / Dept. of Radiology, Kanazawa University School of Medicine

April 17 (Sun.)

9:50-10:50 (304)

44. Radiation Oncology 6: CNS Natsuo Oya

- 213** ¹⁸F-labeled fluoromisonidazole (FMISO) positron emission tomography for pretreatment evaluation of hypoxia in metastatic brain tumor
Takashi Mori / Dept. of Radiation Oncology, Hokkaido Univ. Hosp.

- 214** Patterns of failure in glioblastoma multiforme following standard (60 Gy) or short-course (40 Gy) radiation and concurrent temozolomide
Miu Mizuhata / Dept. of Radiology, Kanazawa University School of Medicine

- 215** Outcome of Patients with Glioblastoma Multiforme Treated with Chemoradiotherapy and Bevacizumab
Tadamasa Yoshitake / Department of Comprehensive Clinical Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan

- 216** Retrospectively report about the treatment outcomes of patients with glioblastoma
Rina Ichikawa / Dept. of Radiology, Chiba University School of Medicine

- 217** Treatment outcome of glioblastoma patients: retrospective study of single institute
Akihiro Nomoto / Radiation oncology service, Dept of Radiology, The University of Tokyo Hospital

- 218** Clinical Outcome of Hypofractionated Radiotherapy with Concurrent Temozolomide in Elderly Patients with Glioblastoma

Megumi Uto / Dept. of Radiation Oncology and Image-applied Therapy, Kyoto University Graduate School of Medicine

9:40-10:50 (311+312)

45. Nuclear Medicine 4: Miscellaneous

Mayuki Uchiyama

- 219** Semiquantitative parameters of ¹⁸F-Fluorodeoxyglucose Positron Emission Tomography and ¹¹¹In-Ibritumomab tiuxetan scintigraphy study as prognostic factor of ⁹⁰Y-ibritumomab tiuxetan therapy
Yudistiro Ryan / Department of Diagnostic Radiology and Nuclear Medicine, Gunma University

- 220** Phase I, First-in-Human Study of [¹²³I]IIMU, a Novel Thymidine Phosphorylase Tracer - Preliminary Report
Shiro Watanabe / Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine

- 221** Feasibility of image fusion from MR and MR-compatible flexible PET: a pilot study
Ryusuke Nakamoto / Department of Diagnostic Imaging and Nuclear Medicine Graduate School of Medicine, Kyoto University

- 222** Physiological uptake in PET/CT with ⁶⁸Ga-DOTATOC
Yuji Nakamoto / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine

- 223** Physiological accumulation in the teres minor muscle on FDG-PET-CT
Koichi Ishiyama / Dept. of Radiology, Akita University School of Medicine

- 224** Clinical evaluation and optimization of Q.Clear : a preliminary study of a new PET reconstruction method
Tomoaki Otani / Department of Radiology, Hyogo Prefectural Amagasaki General Medical Center

- 225** Differences of SUV between Q.Clear, a new image reconstruction method for PET, and conventional iterative reconstruction
Takayoshi Ishimori / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine

11:00-11:50 (311+312)

46. Nuclear Medicine 5: Miscellaneous

Yasuo Kuwabara

- 226** Different Prognostic Implications of ¹⁸F-FDG PET between Histological Subtypes in Patients with Cervical Cancer
Tetsuya Tsujikawa / Biomedical Imaging Research Center, University of Fukui

- 227** Ring type dedicated breast PET scan; evaluation of diagnostic performance for breast lesions in comparison with conventional whole body PET
Hiromi Koyasu / Dept. of Radiology, Gifu University Hospital

- 228** Evaluation of acquisition time and early and delayed images using Elmammo® dedicated breast positron emission tomography scanner
Hironori Nishibori / Dept. of Radiology, Kizawa Memorial Hospital

- 229** Evaluation of bone uptake in patients with prostate cancer using a quantitative bone SPECT/CT with OSGM reconstruction

Ichiei Kuji / *Dept. of Nuclear Medicine, Saitama Medical University International Medical Center*

- 230** Diagnosis of FDG-PET/CT in Malignant Lymphoma of Bone and Fibrous dysplasia

Yasuhiro Ueno / *Dept. of Radiology, Kansai Medical University*

9:20-10:00 (313+314)

47. Head and Neck 2: CT and others Hiroya Ojiri

- 231** Parapharyngeal Space Lesions; Spectrum in Asian Population

Daniel Chun Wah Tang / *Department of Radiology, Pamela Youde Nethersole Eastern Hospital*

- 232** Diffusion-Weighted Imaging with TSE in the head and neck region: Comparison with Echo-Planner Imaging in Image Quality

Kenichiro Hirata / *Dept. of Radiology, Kumamoto University School of Medicine*

- 233** Detectability and anatomical location of cholesteatoma with fused thin slice non-echo planar imaging diffusion-weighted image and CT (CT-nEPID)

Toshitada Hiraka / *Dept. Diagnostic Radiology, Yamagata University Faculty of Medicine*

- 234** Metastatic tumors of the parotid gland: CT and MR Imaging findings

Nobuo Kashiwagi / *Dept. of Radiology, Kinki University School of Medicine*

10:10-11:00 (313+314)

48. Neuroradiology 4: ASL·NODDI Kohsuke Kudo

- 235** Neurite Orientation Dispersion and Density Imaging (NODDI) of Patients with Progressive Multifocal Leukoencephalopathy (PML)

Toshiteru Miyasaka / *Dept. of radiology, Nara medical University*

- 236** Estimation of cerebral hemodynamic ischemia using dual-point ASL-CBF imaging

Tatsuro Tsuchida / *Dept. of Radiology, University of Fukui*

- 237** Arterial transit time measured by multi-delay ASL perfusion for evaluating major cerebral artery stenosis/occlusive disease: correlation with 123-IMP SPECT

Kayo Takeuchi / *Dept. of Radiology, University of Fukui*

- 238** Time course of the changes in white matter microstructure of small infarctions using neurite orientation dispersion and density imaging (NODDI)

Toshiaki Taoka / *Department of Radiology, Nagoya University*

- 239** Usefulness of 3D arterial spin-labeled brain perfusion imaging in the diagnosis of iNPH

Shinichi Nakamura / *Dept. of Radiology, Kumamoto Rousai Hospital*

11:00-11:40 (313+314)

49. Neuroradiology 5: Dementia and Neurodegenerative disease Kentaro Akazawa

- 240** Signal intensity of pre- and postcentral gyri in corticobasal degeneration on phase-difference enhanced MR images: Comparison with Parkinson disease

Mari Miyata / *University of Occupational and Environmental Health*

- 241** Quantitative assessment of iron deposition in dementia patients with Alzheimer disease and Lewy bodies using quantitative susceptibility mapping

Yoshihito Kadota / *Dept. of Radiology, Miyazaki University, Faculty of Medicine*

- 242** A quantitative technique for the evaluation of Parkinson's disease using quantitative susceptibility mapping and neuromelanin imaging

Hiroto Takahashi / *Department of Radiology, Osaka University Graduate School of Medicine*

- 243** Transcranial MR-guided Focused Ultrasound Thalamotomy in patients with Essential Tremor: FDA-approved Safety and Feasibility (Phase I) Study in Japan

Toshio Yamaguchi / *Diagnostic Radiology, Shinyurigaoka General Hospital*

9:10-10:00 (315)

50. Interventional Radiology 7: Biopsy/drainage Koji Sugimoto

- 244** Efficacy and Safety of Transjugular Liver Biopsy for Patients with Massive Ascites or Severe Coagulopathy: Single Center Retrospective Study

Jun Sakurai / *Dept. of Radiology, Okayama University Hospital*

- 245** Malignant bile duct obstruction jaundice treatment of Percutaneous Transhepatic Biliary Drainage complications with current situation in National cancer center, Mongolia

Gantulga Vanchinsuren / *HPBD, NCC of Mongolia*

- 246** Analysis of CT-guided bone biopsy

Miyuki Nakatani / *Dept. of Radiology, Kansai Medical University*

- 247** Percutaneous CT-guided implantation of a Visicoil fiducial marker for stereotactic body radiotherapy of the lung in 24 patients

Soichiro Hase / *Dept. of Interventional Radiology, Kawasaki Saiwai Hospital*

- 248** Drainage of small abscesses in the iliopsoas muscle

Hirota Tomimatsu / *Dept. of Radiology, Tenri hosp*

10:10-11:00 (315)

51. Interventional Radiology 8: Image-guidance techniques Yukihiro Sato

- 249** Right portal vein embolization before major right hepato-ectomy for hepatocellular carcinoma

Erdenebulgan Batmunkh / *Division of interventional radiology, department of hepato biliary pancreatic surgery, National cancer center of Mongolia*

- 250** Balloon-assisted n-butyl cyanoacrylate (NBCA) glue embolization mixed with Lipiodol and ethanol

Jun Koizumi / *Dept. of Diagnostic Radiology, Tokai University School of Medicine*

- 251** Percutaneous puncture of inflow vein for rectal and stomal variceal bleeding

Munehiro Maeda / *Dept. of Radiology Nissei Hosp.*

- 252** Evaluation of arterial distribution in the urinary bladder using CT arteriography at intra-arterial chemotherapy for invasive bladder cancer

Hiroshi Seki / *Dept. Diagnostic Radiology, Niigata Cancer Center Hospital*

- 253** Evaluation of Input Methods for Manipulating Tablet Personal Computer in Sterile Techniques
Akira Yamada / Dept. of Radiology, Shinshu University School of Medicine

11:10-11:50 (315)

52. Interventional Radiology 9: Aneurysm/stent/PTA Makoto Hanawa

- 254** Clinical experience of the Crosser system in below the knee lesions in patients with critical limb ischemia
Tomoyasu Sato / Tsuchiya general hospital
- 255** Comparing Outcome of Ultrasound Guided Manual Compression vs Ultrasound Guided Thrombin Injection in Management of Iatrogenic Pseudo-aneurysms
Sridhar Devu / Department of Radiology, Yashoda Hospital
- 256** Coil packing using the hydro coil embolic system in the visceral artery aneurysms
Jun-ichi Nishimura / Dept. of Interventional radiology, Kawasaki Saiwai Hospital
- 257** Intraoperative fibrin glue embolization of aneurysm to prevent type II endoleak during EVAR: One year follow-up
Kensuke Matsumoto / Dept. of Radiology, Tottori University School of Medicine

13:00-14:00 (303)

53. Chest 5: Anatomy/technique Kazuto Ashizawa

- 258** Computer-Aided Volumetry for Lung Nodule Assessment: Comparison among FIRST, AIDR 3D and FBP in QIBA Recommended Lung Nodule Phantom Study
Yoshiharu Ohno / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 259** The usefulness of a dictionary learning post-processing technique for improving image quality of low-dose chest CT
Yoshinori Kani / Dept. of Radiology, Mie University Hospital
- 260** A Preliminary Result on Localized Pleural Adhesion (LPA) Detection by Ultra-Low-Dose Four-Dimensional Computed Tomography with AIDR-3D (ULD-4DCT) and Trans-Thoracic Echocardiography
Yukihiro Nagatani / Dept. of Radiology, Shiga University of Medical Science
- 261** Submillisievert CT with new Model-Based Iterative Reconstruction (MBIR-VE03.0): An Initial Lung Phantom Study
Akinori Hata / Dept. of Radiology, Osaka University Graduate school of Medicine
- 262** Ultra-low-dose chest CT for lung cancer screening using full iterative reconstruction: Feasibility study
Masayo Fujita / Department of Diagnostic Radiology Graduate School of Biomedical Sciences, Hiroshima University
- 263** Investigating an Optimal Acquisition Timing for Black-blood Lung MR with Peripheral Pulse Gating
Ryotaro Kamei / Kyushu University Graduate School of Medical Sciences, Department of Clinical Radiology

14:00-14:40 (303)

54. Cardiovascular 4: Artery and others Daisuke Utsunomiya

- 264** Initial experience of assessment of lung perfusion images using lung subtraction in patients with chronic thromboembolic pulmonary hypertension
Toshiya Kariyasu / Dept. of Radiology, Kyorin University School of Medicine
- 265** Aortic diverticulum associated with aortic arch anomalies: evaluation of routine CT examinations
Tamaki Ichikawa / Dept. of Radiology, Tokai University School of Medicine
- 266** Can whole-body screening CT under 75% dose-reduction protocol be applied for detection of arteriosclerotic lesions just after coronary CT angiography?
Morikatsu Yoshida / Dept. of Radiology, Amakusa Medical Center
- 267** The Aorta : Usual and Unusual
Amey Narkhede / Department of Radiology, Yashoda Hospital, Secunderabad

13:00-13:50 (304)

55. Radiation Oncology 7: Lung and Female pelvis Takashi Mizowaki

- 268** 18F-fluoromisonidazole PET/CT for Stage I Non-Small Cell Lung Cancer Treated by Stereotactic Body Radiotherapy
Tetsuya Inoue / Dept. of Radiation Oncology, Hokkaido University Graduate School of Medicine
- 269** Treatment outcomes of SBRT (stereotactic body radiation therapy) for lung metastases in colorectal cancer and primary lung adenocarcinoma patients
Yukio Akagi / Hiroshima Heiwa Clinic High-Precision Radiation Treatment Center
- 270** Inverse planning in cervical cancer brachytherapy: comparison with graphical optimization
Lucilio dos Santos Matias / Department of Physics, Stockholms University
- 271** Is prophylactic cranial irradiation necessary for small cell carcinoma of the uterine cervix?
Satoshi Takeno / Dept. of Radiation Oncology and Image-Applied Therapy, Kyoto University School of Medicine
- 272** Quantification of uterine motion during a course of definitive radiotherapy
Hitoshi Maemoto / Dept. of Radiology, University of the Ryukyus Hospital

13:00-13:50 (311+312)

56. Nuclear Medicine 6: Lung and Whole Body Tsuneo Saga

- 273** Numerical evaluation of the degree of vascular impairment or remodeling of the lung with COPD by 99m-Tc MAA Scintigraphy SPECT
Osamu Mitomo / Dept. of Radiology, Numata Hospital
- 274** Prognostic Impact of Deep-Inspiratory Breath-Hold Pulmonary Perfusion SPECT-CT in Patients with Pulmonary Emphysema
Teruhiko Hamana / Dept. of Radiology, Nippon Medical School Hospital

- 275** Correlation of metabolic parameters using 18F-FDG PET/CT with thymidylate synthase expression in primary lung adenocarcinoma
Makiko Murota / Dept. Radiology, Fac. Medicine, Kagawa University
- 276** The utility of PET/CT with ⁶⁸Ga-DOTATOC in sarcoidosis imaging: comparison with ⁶⁷Ga-scintigraphy
Tomomi Nobashi / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University School of Medicine
- 277** Lymphadenopathy of Kikuchi Disease and TB Evaluated with FDG-PET Imaging as Compared with Castleman Disease
Naoto Watanabe / Dept of Radiology, Kanazawa Medical University

13:50-14:50 (311+312)

57. Nuclear Medicine 7: Miscellaneous

Yusuke Inoue

- 278** Predicting prognosis of posthepatectomy liver failure using ^{99m}Tc-GSA scintigraphy and CT volumetry
Ayako Kato / Dept. of Radiology Kyoto University School of Medicine
- 279** Varying ¹⁸F-FDG uptake and glucose transporter 1 expression in mass forming type of intrahepatic cholangiocarcinoma
Kazuto Kozaka / Department of Radiology, Kanazawa University Graduate School of Medical Science
- 280** FLT PET/CT for staging of pancreatic cancer: Comparison with FDG PET/CT
Masatoyo Nakajo / Department of Radiology, Kagoshima University, Graduate School of Medical and Dental Sciences
- 281** Usefulness of Semi-quantitative Analysis in I-123 Metaiodobenzylguanidine Scintigraphy for Differentiation of Pheochromocytoma and Cortical adenoma
Yoshiyuki Kitamura / Department of Clinical Radiology, Kyushu University Graduate School of Medical Sciences
- 282** Detectability of primary invasive bladder cancer in delayed ¹⁸F-FDG-PET imaging after oral-hydration-voiding-refilling
Akira Higashiyama / Dept. of Diagnostic Radiology, Osaka Medical College
- 055** Evaluation of new PET tracer of fluorine-18 labeled peptide targeting GPC3 for imaging Hepatocellular carcinoma
Wenchao Gu / Department of Diagnostic Radiology and Nuclear medicine, University of Gunma

13:00-14:10 (313+314)

58. Pancreas and Gallbladder Toshifumi Gabata

- 283** 203 MRCP Diagnosed Cases of Calculus Cholecystitis with or without Cholelithiasis -Analyzing the LFTs, WBC counts and CBD size
Amey Narkhede / Department of Radiology, Yashoda Hospital, Secunderabad
- 284** Pancreatic Perfusion Measurements Using 320-Detector Row CT: The Correlations between CTP Data and Histological Findings
Tatsushi Kobayashi / Dep. of Diagnostic Radiology, National Cancer Center Hospital East
- 285** Prognostic significance of contrast-enhanced CT attenuation value in extrahepatic bile duct carcinoma
Yoshiki Asayama / Dept. of Clinical Radiology

- 286** Evaluation of Secondary Signs of the Pancreas: Comparison between the Patients with Pancreatic Cancer and without Pancreatic Cancer
Akihiko Kanki / Dept. of Radiology, Kawasaki Medical School
- 287** FASE-DWI in the Abdomen
Takeshi Yoshikawa / Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine
- 288** Optimal b value for distinguishing pancreatic cancer from pancreatitis using computed diffusion-weighted 1.5T MRI
Rika Yoshida / Dept. of Radiology, Shimane University School of Medicine
- 289** Usefulness of 3D magnetic resonance cholangiopancreatography with partial maximum intensity projection for diagnosing autoimmune pancreatitis
Shin Yanagisawa / Dept. of Radiology, Shinshu University School of Medicine

13:00-14:00 (315)

59. Interventional Radiology 10: Shunt/Vein/Lymphatics Yoshihisa Kodama

- 290** Evaluation of Blood Collection Methods in Adrenal Venous Sampling
Tomoya Kadoba / Dept. Radiology, Tenri Hospital
- 291** Significance and efficacy of super-selective ACTH-stimulated adrenal venous sampling, compared to conventional sampling method
Masahiro Kobayashi / Dept. of Radiology, Toho University Omori Medical Center
- 292** Outcome of endovascular treatment (BRTO/PTO) for visceral varices due to portal hypertension in one institute
Tomoyo Fuji / Dept. of Radiology, Hiroshima University School of Medicine
- 293** MR findings after cryoablation of venous malformations
Hiroyasu Fujiwara / Dept. of Radiology, Okayama University Medical School
- 294** Percutaneous Transhepatic Stent Placement for Symptomatic Portal Venous Stenosis after Surgical Treatment for Pancreatic and Biliary Malignancies
Tasuku Kimura / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital
- 295** Percutaneous embolization for hepatic encephalopathy due to portosystemic shunts
Ryo Morita / The Department of Diagnostic and Interventional Radiology, Hokkaido University hospital