

Oral Presentation Programs

April 13 (Thu.)

15:00-15:30 (303)

1. Interventional Radiology 1: TACE 1

Hiroyuki Tajima

- 001** Epirubicin or Cisplatin? Which Drug Is Better for Intermediate Stage Hepatocellular Carcinoma in Microsphere TACE?
Yuko Takeguchi / Dept. of Rdaiology, Red Cross Musashino Hospital
- 002** Short-term Outcomes of Transarterial Chemoembolization (TACE) with CDDP-loaded HepaSpheres and Embospheres for Hepatocellular Carcinoma as a Single-Center Experience
Noboru Maeda / Dept. of Diagnostic and Interventional Radiology, Osaka International Cancer Institute
- 003** Transarterial Chemoembolization(TACE) of Hepatocellular Carcinoma: Comparison of Short-term Efficacy and Safety between Drug-eluting Beads TACE(DEB-TACE) and Lipiodol Emulsion TACE(cTACE)
Eiji Sugihara / Dept. of Radiology, Osaka General Medical Center

15:40-16:10 (303)

2. Interventional Radiology 2: TACE 2

Masakatsu Tsurusaki

- 004** Outcome of Transarterial Chemoembolization with Drug-eluting Microspheres for HCC Non-responsive to Conventional Transarterial Chemoembolization in One Institute
Tomoyo Fuji / Dept. of Radiology, Hiroshima University Hospital
- 005** Efficacy and Safety of Single-step Chemoembolization with Drug Eluting Beads for Unresectable Giant Hepatocellular Carcinoma Compared with Lipiodol Chemoembolization
Yohei Ikebe / Dept. of Radiology, Nagasaki University Hospital
- 006** Usefulness of Parenchymal Blood Volume Imaging in TACE for HCC
Masao Hamuro / Dept. of Radiology, Osaka City University Graduate School of Medicine

15:00-15:40 (304)

3. Radiation Oncology 1: Breast

Koichi Sakata

- 007** Time-dependent Changes of the Tumor Beds after Intra-operative Radiotherapy of the Breast Cancer
Mariko Kawamura / Dept. of Radiology, Nagoya University Hospital
- 008** Non-surgical Treatment with Novel Enzyme-targeting radiosensitization for Unilateral Breast Cancer in Early Stage Without chemotherapy
Kana Kobayashi / Dept. of Radiology, Kochi University
- 009** Incidental Radiation Dose to Internal Mammary Lymph Node in Tangential Breast Irradiation : Comparison of Calculation Algorithm
Rumiko Kinoshita / Dept. of Radiation Oncology, Hokkaido University Hospital

- 010** Acute Toxicity Evaluation of Adjuvant Hypofractionated Radiotherapy after Cryotherapy for Early Breast Cancer
Sawa Kono / Dept. of Radiationoncology, Tokyo Women's Medical University

15:50-16:30 (304)

4. Breast 1: MRI

Hiroyuki Abe

- 011** The Role of Abbreviated Breast DWI
Kazunori Kubota / Dept. of Diagnostic Radiology, Tokyo Medical and Dental University Hospital
- 012** Kinetic Volume Analysis on Dynamic Contrast-enhanced MRI of Triple Negative Breast Cancer: Association with Recurrence-free and Overall Survival
Yoko Hayashi / Dept. Radiology, Nagoya University Graduate School of Medicine
- 013** Suspicious Microcalcification Lesions of the Breast Detected by Mammography: Evaluation with MR Imaging
Shuichi Monzawa / Dept. of Radiology, Shinko Hospital
- 014** Differentiation of Breast Phylloides Tumors from Fibroadenomas Using MR Texture Analysis
Zhuo Wu / Department of Radiology, Sun Yat-Sen Memorial Hospital, Sun Yat-Sen University

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

5. Nuclear Medicine 1: Neuro 1

Yasuo Kuwabara

- 015** Clinical Significance of Quantitative Assessments in DaTSCAN SPECT and Neuromelanin MRI
Yumiko Kono / Dept. of Radiology, Kansai Medical University
- 016** Evaluation of Diffuse Decrease of 123I-ioflupane Striatal Uptake in DAT SPECT
Tatsuya Yoneyama / Divs. of Thyroid, Mattou Ishikawa Hospital
- 017** Relationship between Hippocampus Atrophy and Glucose Hypometabolism in the Brain Analyzed by VSRAD and Zsmap
Ikuo Odano / Sendai Medical Imaging Center
- 018** Measurement of Cerebral Blood Flow with O-15 Water PET/MR Study
Hidehiko Okazawa / Biomedical Imaging Research Center, University of Fukui

15:50-16:20 (311+312)

6. Nuclear Medicine 2: Neuro 2

Toshimitsu Momose

- 019** The Effect of Shape of Region of Interest (ROI) in Aortic Arch for Cerebral Blood Flow Quantification Using 99mTc-ECD
Binh A Dang / Department of Diagnostic Radiology and Nuclear Medicine, Gunma Graduate School of Medicine
- 020** Influence of Attenuation and Scatter Corrections on Quantitative Analysis of [123I] FP-CIT SPECT Brain Imaging
Tran Vu Quynh Vy / Department of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine

- 021** Comparison of Cortex Glucose Metabolism and H-MRS Findings in Supraventricular White Matter
Luliia G. Khomenko / *N.P. Bechtereva Institute of the Human Brain, Russian Academy of Sciences*

April 14 (Fri.)

9:10-10:00 (303)

7. Chest 1: Tumor Shuji Adachi

- 022** Fundamental Analysis of the Retrospective Progression of GGNs of the Lung by Measuring the Difference of Averaged CT Numbers
Naoya Koizumi / *Dept. of Diagnostic Radiology, Niigata Cancer Hospital*
- 023** The Utility of Subtraction CT by Non-rigid Registration Algorithm for the Diagnosis of Pulmonary Nodules in Dual-phase Contrast-enhanced CT
Masahiro Endo / *Div. of Diagnostic Radiology, Shizuoka Cancer Center*
- 024** Accuracy of Clinical Staging for Lung Cancer by MDCT and FDG-PET/CT
Shingo Iwano / *Dept. of Radiology, Nagoya University Graduate School of Medicine*
- 025** Prediction of Locoregional Invasiveness in Primary Lung Cancer Using Enhanced Dual-energy CT: Comparison of Adenocarcinoma and Squamous Cell Carcinoma
Shingo Iwano / *Dept. of Radiology, Nagoya University Graduate School of Medicine*
- 026** A Multicenter Study for Lung Adenocarcinoma: Correlation of Thin-section CT Findings with Tumor Invasiveness
Masahiro Yanagawa / *Dept. Radiology, Osaka University Graduate School of Medicine*

10:10-10:50 (303)

8. Chest 2: Diffuse lung disease Fumikazu Sakai

- 027** Rib Pitting Sign on the Surface of Three-dimensional CT Images of the Lung for Supporting the Diagnosis of Interstitial Pneumonia
Hiroaki Watanabe / *Dept. Radiology, Yamanashi University Graduate School of Medicine*
- 028** CT Findings of Pulmonary *Mycobacterium Kansaii* Infection in Patients with AIDS Compared to Those in Non-HIV Patients
Yuriko Yoshida / *Dept. Radiology, Osaka National Hospital*
- 029** Pleuroparenchymal Fibroelastosis on Chest CT in Daily Clinical Practice
Hiromitsu Sumikawa / *Dept. of Radiology, Osaka Medical Center for Cancer and Cardiovascular Diseases*
- 030** Diagnosis of Early Pneumoconiosis in Dust-exposed Workers: Comparison of Chest Radiography and CT
Hideyuki Hayashi / *Dept. of Cli. Onc., Nagasaki Univ.*

11:00-11:30 (303)

9. Chest 3: Mediastinum, others Shuji Sakai

- 031** CT Features of Thymic Epithelial Tumors: Correlation with New WHO Histologic Classification and TNM Staging Systems
Akiko Sumi / *Dept. of Radiology, Kurume University School of Medicine*

- 032** Mobile Chest X-Ray Film Audit- A Four Sided View
Anitha L. Thalluri / *Department of Radiology, Royal Adelaide Hospital*

- 033** Role of Computed Tomography in Evaluation of Pulmonary Cavitatory Lesions

Sunil Kumar Suganchand Rikabchand / *Department of radiology, Sree Balaji Medical College and Hospital*

9:50-10:40 (304)

10. Breast 2: Miscellaneous Hiroko Satake

- 034** Diagnostic Performances of US Elastography in Breast Masses: Comparison between Shear-wave and Strain Elastography
Tomoyuki Fujioka / *Dept. of Radiology, Tokyo Medical and Dental University*
- 035** Deformation of Breast Masses Due to Posture: Comparison between Ultrasound and Magnetic Resonance Imaging
Mariko Yoshida / *Dept. of Radiology, Kyoto Prefectural University Graduate School of Medicine*
- 036** Diagnostic Accuracy of Digital Breast Tomosynthesis Added to Mammography in Breast Cancer Screening
Misaki Shiraiwa / *Breast Center, Kagawa Prefectural Central Hosp.*
- 037** Evaluation of Diffusion Weighted MRI Imaging and 18F FDG PET for Monitoring Triple Negative Breast Cancer Response to Cisplatin Treatment
Huong Thu Nguyen / *Department of Diagnostic Imaging and Nuclear Medicine, Gunma university*
- 038** Preoperative Tumor Size Assessment by Mammography and Ultrasound: Do Breast Density and Histology Type Affect the Accuracy?
Joyce Hei Man Cheng / *Department of Radiology, Pamela Youde Nethersole Eastern Hospital, Hong Kong*

11:10-11:50 (304)

11. Liver 1: HCC Satoshi Kobayashi

- 039** Carbon Dioxide Gas Digital Subtraction Angiography Under Temporary Microballoon Occlusion before Transcatheter Arterial Chemoembolization for Hepatocellular Carcinoma
Jun Koizumi / *Dept. of Diagnostic Radiology, Tokai University School of Medicine*
- 040** The Steatohepatic Variant of Hepatocellular Carcinoma: Radiologic-Pathologic Correlation
Yukichi Tanahashi / *Dept. of Radiology, Teikyo University School of Medicine*
- 041** Histogram Analysis of Iodine Density Assessed by Dual-energy Imaging for Predicting Hepatocellular Carcinoma Recurrence after Transcatheter Arterial Chemoembolization
Tomoko Hyodo / *Dept. Radiology, Kindai University Faculty of Medicine*
- 042** Cost-effectiveness of EOB- MRI for Hepatocellular Carcinoma in Japan
Akihiro Nishie / *Department of Clinical Radiology, Kyushu University*

15:10-15:50 (304)

12. Liver 2: Liver parenchyma Shinji Hirohashi

- 043** Risk Assessment for Hepatocellular Carcinoma by Using Magnetic Resonance Elastography During Follow-up
Shintaro Ichikawa / *Dept. of Radiology, University of Yamanashi*
- 044** Diagnosis of Liver Cirrhosis Using Morphological Score Derived from Magnetic Resonance Laparoscopy
Satoshi Funayama / *Dept. of Radiology, University of Yamanashi*
- 045** ECV Calculated from the Data Sets of the Equilibrium Phase of Dual-energy CT in Liver Fibrosis Assessment: Comparison with MRE
Emi Muto / *Dept. of Radiology, Faculty of Medicine, Fukuoka University*
- 046** The Quantitative Assessment of Liver Function by EOB-MRI: Combination of Hepatocyte Fraction and Volumetry of Liver
Morikatsu Yoshida / *Dept. Radiology, Amakusa Medical Center*

16:00-16:50 (304)

13. Liver 3: Miscellaneous Akira Yamada

- 047** Clinical Application of MSCTA in Diagnosing Congenital Intrahepatic Portosystemic Venous Shunts
Meng Wang / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*
- 048** The Severe Hepatic Arterial-portal Shunts Are Crucial for the Graft after Liver Transplantation: The Imaging Findings and Clinical Manifestations
Xiaochun Meng / *Department of Radiology, The Sixth Affiliated Hospital of Sun Yat-sen University*
- 049** Quantitative Gd-EOB-DTPA Concentration Using T1 Mapping and Relative Signal Strength: A Phantom Study
Zhenpeng Peng / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*
- 050** The Feasibility of Spectral CT for Monitoring and Predicting the Therapeutic Efficacy of Axitinib in Rabbit VX2 Liver Tumors
Peijie Lu / *The First Affiliated Hospital of Zhengzhou University*
- 051** Dynamic Contrast Gd-EOB-DTPA Enhanced MR Imaging of the Liver Using Parallel Imaging and Compressed Sensing
Takayuki Masui / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

17:00-17:40 (304)

14. Liver 4: Assessment of liver lesions Akihiro Nishie

- 052** Usefulness of Three-dimensional Isotropic T2-weighted Fast Spin-echo for Small Liver Lesions
Kenichiro Hirata / *Diagnostic Radiology, Kumamoto University*
- 053** Hepatic Epithelioid Angiomyolipoma MSCT Findings
Meng Wang / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*
- 054** The Diagnostic Value of T1 Mapping in Focal Liver Lesions Differentiation
Chang Li / *Department of Radiology, The First Affiliated Hospital, Sun Yat-sen University*

- 055** Significance of Gadoteric Acid Enhanced-MRI for Liver Metastases in Addition to Contrast-enhanced CT
Takeyuki Watadani / *Dept. of Radiology, Univ. of Tokyo Graduate School of Medicine*

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

15. IT · Education Kazuto Ashizawa

- 056** Management of Images and Records Acquired in the Operation Theatre by Enterprise PACS
Hiroshi Demachi / *Department of Diagnostic Radiology, Toyama Prefectural Central Hospital*
- 057** The Impact of Cloud Technologies for Regional Sharing PACS
Hiroshi Kondoh / *Div. Medical Informatics*
- 058** The Current State of Medical Physics Education Course
Kumiko Karasawa / *Dept. of Radiation Oncology, Tokyo Women's Medical University*
- 059** Enhancing Students' Professional Knowledge, Skills and Learning Experience by Providing a Learning Environment That Fosters Cross-disciplinary Understanding and Authentic Pedagogy
Jyothi Thalluri / *Division of Health Sciences, University of South Australia*

10:00-10:40 (311+312)

16. Nuclear Medicine 3: PET · Inflammation Koji Murakami

- 060** Evaluation of 18F-FDG Uptake Pattern in Rheumatoid Arthritis (RA) and Non-rheumatoid Arthritis (non-RA)
Anu Bhattarai / *Diagnostic Radiology And Nuclear Medicine, Gunma University Graduate School Of Medicine*
- 061** TAFRO Syndrome and Castleman Disease Evaluated with FDG-PET Imaging
Kento Nakajima / *Dept. of Radiology, Kanazawa Medical University*
- 062** F-18 FDG PET/CT in the Evaluation of IgG4-related Disease before and after Therapy
Hanae Okuda / *Department of Radiology, Faculty of Medicine, Kagawa University*
- 063** Prevalence and Risk Evaluation of Diverticular Disease in the Sigmoid Colon with F-18 FDG PET/CT Physical Checkup
Kohei Hayashida / *Takeda Oncologic Positron Imaging Center*

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

17. Nuclear Medicine 4: RI therapy Seigo Kinuya

- 064** Utility of I-123 Tracer Study before I-131 Radioactive Iodine Therapy for Papillary Thyroid Carcinoma to Predict Treatment Outcome
Yoshie Omiya / *Dept. of Radiology, University of Yamanashi*
- 065** Basic Study to Evaluate DNA Damage and Cell Survival with α -Particles from Astatine-211
Naoyuki Watanabe / *Gunma Prefectural Institute of Public Health and Environmental Sciences*
- 066** Therapeutic Effect of ^{90}Y -DTPA-Bevacizumab Radioimmunotherapy (RIT) in Breast Cancer Xenograft
Ryan Yudistiro / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University*

- 067** A Tc-99m and Fluorescence Labeled Arginine-Arginine-Leucine-containing Peptide: Multimodal Tumor Imaging Agent in a Murine Tumor Model
Dae-weung Kim / *Department of Nuclear Medicine, Institute of Wonkwang Medical Science and Research Unit of Molecular Imaging Agent (RUMIA), Wonkwang University School of Medicine*

15:10-16:00 (313+314)

18. Interventional Radiology 3: CT guided

Hideo Gobara

- 068** Comprehensive Understanding of Clinical Performance of Percutaneous Needle Biopsy of Lung Lesion: Meta-analytical Evaluation Using a 3-by-3 Table
Soon Ho Yoon / *Department of Radiology, Seoul National University College of Medicine*
- 069** The Impact of Pulmonary Emphysema on Preoperative CT-guided Lipiodol Marking for VATS of Small Lung Nodules or Ground-glass Opacity Lesions
Shinsaku Maeda / *Dept. of Radiology, Nara city Hospital*
- 070** Direct MPR Method Under CT Fluoroscopy-guided Biopsy for Intrathoracic Lesions
Masahiro Endo / *Div. of Diagnostic Radiology, Shizuoka Cancer Center*
- 071** Hybrid DynaCT-guided Hookwire Localisation of Pulmonary Lesions Prior to Surgical Resection in the Same Hybrid Operating Theater
Cheuk Man Chu / *Department of Imaging and Interventional Radiology, The Chinese University of Hong Kong*
- 072** Robot-assisted Navigation System for CT-guided Percutaneous Lung Tumor Procedures
Cheuk Man Chu / *Department of Imaging and Interventional Radiology, The Chinese University of Hong Kong*

16:10-16:40 (313+314)

19. Interventional Radiology 4: US guided

Yusuke Sakuhara

- 073** Prospective Randomized Comparison of Ultrasound Guided Percutaneous Needle Aspiration and Catheter Drainage of Liver Abscesses
Paramdeep Singh / *Department of Radiology, Guru Gobind Singh (GGS) Medical College and Hospital, Baba Farid University of Health Sciences*
- 074** Percutaneous Hepatic Fiducial Marker Implantation for Real-time Tumor-tracking Radiotherapy (RTRT)
Ryo Morita / *Department of Diagnostic and Interventional Radiology*
- 075** Transrectal Ultrasound-guided Prostate Fiducial Marker Placement for Image-guided Radiotherapy in Prostate Cancer: Safety and Efficacy from a Single Centre Experience
Cheuk Man Chu / *Department of Imaging and Interventional Radiology, The Chinese University of Hong Kong*

9:10-9:50 (315)

20. Uroradiology 1: PET (Inflammation)

Takuji Araki

- 076** Anatomical Variations of the Right Adrenal Vein: Concordance between Multidetector Computed Tomography and Catheter Venography
Kensuke Omura / *Dept. of Diagnostic Radiology, Tohoku University Hospital*

- 077** Right Adrenal Vein: Comparison between Adaptive Statistical Iterative Reconstruction and Model-based Iterative Reconstruction
Yoshifumi Noda / *Dept. of Radiology, Gifu University*

- 078** Visualization of Right Adrenal Vein: Comparison with Three Phase Dynamic Contrast-enhanced CT
Yoshifumi Noda / *Dept. of Radiology, Gifu University*

- 079** Feasibility of the Dynamic Contrast-enhanced MR Study Using Compressed Sensing and Parallel Imaging for the Renal Artery at 3T MRI
Kazuma Terauchi / *Dept. of Radiology, Tesseikai Neurosurgery Hospital*

10:00-10:30 (315)

21. Uroradiology 2: Miscellaneous

Yasushi Kaji

- 080** Ultrasound Usefulness in Diagnosis of Scrotal Filariasis: Filarial Dance Sign
Pokhraj P Suthar / *Department of Radiology, Sterling Hospital*
- 081** Four-dimension Dynamic Imaging by 640-slice Multidetector CT for the Diagnosis of Urine Flow Related Diseases: A Preliminary Study
Jian Guan / *Department of Medical Imaging, the First Affiliated Hospital of Sun Yat-Sen University*
- 082** Comparison between Standard Diffusion-weighted Imaging and Diffusion Kurtosis Imaging for Detection and Characterization of Prostate Cancer
Tutomu Tamada / *Dept. of Radiology, Kawasaki Medical School*

10:40-11:40 (315)

22. Uroradiology 3: Tumor

Takehiko Gokan

- 083** Development and Validation of Logistic Regression Model at Multi-parametric Prostate MRI to Distinguish Transition Zone Cancers and Benign Prostatic Hyperplasia
Yuji Iyama / *Dept. Radiology, Kumamoto University Graduate School of Medicine*
- 084** Comparison of Diagnostic Performance of DW-MRI and CTU for Upper Tract Urothelial Carcinoma: Is Adding DW-MRI to CTU Clinically Useful?
Hirotaka Akita / *Dept. of Diagnostic Keio University School of Medicine*
- 085** The CT and MRI Findings of Renal Oncocytoma with Pathological Correlation
Nobukata Kazawa / *Dept. of Radiology, Nagoya City University School of Medicine*
- 086** Is There Any Metastases to the Chest in Patients with Non-invasive Bladder Cancer?
Hiroshi Juri / *Dept. of Radiology, Osaka Medical College*
- 087** Bladder Carcinomas with Cysts Formation; Correlation between Radiologic Findings and Histologic Backgrounds
Etsuro Sakata / *Dept. of Diagnostic radiology, Kurashiki central hospital*
- 088** Fat Quantification of Adrenal Masses Using 3D 6-point Dixon MR Imaging: Intermodality Agreement and Interobserver Reproducibility Study
Norihiro Shinkawa / *Department of Radiology, Faculty of Medicine, University of Miyazaki*

15:10-16:20 (315)

23. Cardiovascular 1: Coronary A and muocardium
Hajime Sakuma

- 089** Clinical Value of Myocardial T1, Comparing between SMART1map and MOLLI
Shigeo Okuda / *Dep. of Diagnostic Radiology, Keio University School of Medicine*
- 090** Assessment of Coronary Flow Velocity Reserve Using Phase-contrast Cine MRI: Comparison with Myocardial Perfusion Reserve Determined by Positron Emission Tomography
Yasutaka Ichikawa / *Department of Radiology, Mie University Hospital*
- 091** Improved Coronary Stent Depiction Using Forward Projected Model-based Iterative Reconstruction SoluTion (FIRST)
Eriko Maeda / *Dept of Radiology, University of Tokyo School of Medicine*
- 092** Anatomical Evaluation of Left Atrium and Pulmonary Vein Using CT Prior to Catheter Ablation in Patients with Atrial Fibrillation
Yasukage Takami / *Dept. of Radiology, Faculty of Medicine, Kagawa University*
- 093** Evaluation of Delayed Contrast-enhancement CT with Iterative Model-based Reconstruction in Cardiac Sarcoidosis: Comparison with MRI
Noriko Oyama-manabe / *Dept. of Radiology, Hokkaido University Hospital*
- 094** Detection of Myocardial Ischemia Using Coronary Flow Imaging with 320-detector CT: Comparison of 13N Ammonia PET
Yuka Matsuo / *Dept. of Diagnostic imaging & Nuclear Medicine, Tokyo Women's Medical University*
- 095** Effects of Undersampling on Quantitative Parameters in Dynamic Myocardial CT Perfusion Imaging: Comparison between Deconvolution and Maximum-slope Method
Takahiro Yokoi / *Dept. of Radiology, Ehime University School of Medicine*

16:30-17:20 (315)

24. Cardiovascular 2: Miscellaneous Kei Takase

- 096** Dissection of the Superior Mesenteric Artery: CT Findings, Treatment, and Natural History
Rika Yoshida / *Dept. of Radiology, Shimane University, Faculty of Medicine*
- 097** Low-tube-voltage CT Assessment of Adamkiewicz Artery
Yoshihiro Kubota / *Dept. of Radiology, Chiba University Hospital*
- 098** Stent-graft Displacement in Aneurysms by Typell Endoleaks after EVAR: The Primary Blood Supply Comparison between the IMA and Lumbar Artery
Hiroataka Tomimatsu / *Dept. of Radiology, Tenri Hospital*
- 099** The Effective Dose Estimation for Coronary CT Including Coronary Angiography on Two Different Scanners Using Size-specific Dose Estimation
Yoko Saito / *Dept. of Radiation Science, Hirosaki Univ. School of Health Sciences*
- 100** Prediction of Fontan-associated Liver Disease Using a Novel Cine MRI "vortex Flow Map" in the Right Atrium
Umiko Ishizaki / *Dept. of Diagnostic imaging and Nuclear Medicine, Tokyo Women's Medical University*

April 15 (Sat.)

15:50-16:20 (302)

25. Head and Neck 1 Osamu Sakai

- 101** Computed Diffusion Weighted Imaging with Noise Reduction: Improvement of Contrast-to-noise Ratio in Middle Ear Cholesteatoma
Koji Yamashita / *Department of Clinical Radiology, Kyushu University*
- 102** Preoperative Tc -99m Sestamibi SPECT/CT Imaging Prior to Ultrasound to Facilitate Minimally Invasive Surgery in Patients with Primary Hyperparathyroidism
Priya Krishnarao / *Santa Clara Valley Medical Center, Department of Radiology*
- 103** A Novel Parameter to Evaluate Thyroid Function with Dual Energy Computed Tomography in Patients with Hyperthyroidism
Binh Duong Duc / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University, School of Medicine, Faculty of Medicine*

13:00-13:40 (303)

26. Chest 4: Blood flow and anatomy Shuichi Ono

- 104** Ventilation/perfusion Ratio Map by Dual-energy CT after Xenon Inhalation and Intravenous Contrast Media in Patients with Lobectomy
Norinari Honda / *Department of Radiology, Saitama Medical Center, Saitama Medical University*
- 105** 2D-TSE Sequence with Incremental Trigger Delay Time for Monitoring Vascular Signal Suppression in PPU-gated Black-blood Lung MR Imaging
Ryotaro Kamei / *Dept. of Clinical Radiology, Kyushu University Graduate School of Medical Sciences*
- 106** Evaluation of the Branching Pattern of the Right Upper Pulmonary Veins Using Thin-section CT and Three-dimensional CT
Makiko Murota / *Dept. of Radiology, Faculty of Medicine, Kagawa University*
- 107** Evaluation of the Branching Pattern of the Right Middle and Lower Pulmonary Veins Using Thin-section CT and Three-dimensional CT
Mariko Ishimura / *Dept. of Radiology, Faculty of Medicine, Kagawa University*

13:50-14:40 (303)

27. Chest 5: Low-dose CT Satoshi Noma

- 108** Association of Smoking and Airflow Limitation with Pleural Movement and Parenchymal Collapsibility Assessed by 4D-ULDCT in Supine and Lateral Position
Yukihiro Nagatani / *Dept. of Radiology, Shiga University of Medical Science*
- 109** Pleural Movement Against Chest Wall in Pulmonary Apical Region and Its Association with Ventilation at Supine/Lateral Position Assessed by 4D-ULDCT
Shigetaka Sato / *Dept. of Radiology, Shiga University of Medical Science*
- 110** Submillisievert CT Using New Model-based Iterative Reconstruction with Lung-specific Setting for the Evaluation of Interstitial Lung Disease
Akinori Hata / *Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*

111 Evaluation of Silicosis Diagnosability Using Ultra-low Dose CT
Katsuya Kato / *Kawasaki Medical Center*

112 Evaluation of the Image Quality of Low-dose Chest HRCT with MBIR : Comparison with Standard-dose Chest HRCT with Hybrid IR
Hiroaki Sakane / *Dept. of Radiology, Hiroshima University School of Medicine*

15:10-15:40 (303)

28. Pediatric 1: Heart and lung Masashi Koyama

113 Comparison of Image Quality between Synthetic and Patients' ECG Gated 320-row Pediatric Cardiac CT
Eriko Maeda / *Dept. of Radiology, University of Tokyo, School of Medicine*

114 Proton-weighted Pointwise Encoding Time Reduction with Radial Acquisition (PETRA) for Assessing the Airway and Lung in Neonates and Infants
Kumiko Nozawa / *Dept. of Radiology, Kanagawa Children's Medical Center*

115 Evaluation of Low-kV Dual-source CT Angiography for Children with Congenital Heart Disease Using High-pitch Spiral Acquisition and Iterative Reconstruction
Yohei Marukawa / *Dept. Radiology, Fukuyama City Hospital*

15:50-16:30 (303)

29. Pediatric 2: Neuro Reiichi Ishikura

116 Pontine and Cerebellar Injury in Neonatal Hypoxic-ischemic Encephalopathy: MRI Features and Clinical Outcome
Katsumi Hayakawa / *Department of Radiology, Iwate Prefectural Kamaishi Hospital*

117 Imaging Findings of Congenital Cytomegalovirus Infection with Hearing Loss
Shinya Hattori / *Div. of Radiology, Saitama Children's Medical Center*

118 Changes of Brain Magnetic Resonance Imaging in Patients with Mucopolysaccharidoses Under Enzyme Replacement Therapy During Long-term Observation
Yoshiko Matsubara / *Dept. of Radiology, Hiroshima University Hosp.*

119 Radiation Dose Reduction for Adolescents Head CT Using 100-kVp and SAFIRE: Impact on Grey-white Matter Contrast and Image Noise
Yasunori Nagayama / *Dept. Radiology, Kumamoto University Graduate School of Medicine*

9:10-9:50 (304)

30. Gastrointestinal 1: Stomach and other Tamaki Ichikawa

120 Risk Factors Affecting Atrophic Gastritis in Young Class Generation: A Retrospective Study Using Double-contrast Upper Gastrointestinal Barium X-Ray Radiography
Kimihiko Endo / *Dept. of Radiology, Miyazaki University School of Medicine*

121 Multi-slice CT Angiography with Image Fusion Enables to Demonstrate the Perigastric Venous Anatomy for Patients with Gastric Cancer
Xuehua Li / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*

122 Low-dose Pelvic CT Using a New Reconstruction Technique - Forward Projected Model-based Iterative Reconstruction Solution (FIRST): A Phantom Study
Takashi Ota / *Dept. Radiology, Osaka University Graduate School of Medicine*

123 Rectus Abdominis Diastasis: Usefulness of MDCT for the Surgical Repair?
Gaurav R. Parmar / *Department of Radiology, Paramount Diagnostic and Reseach Center*

10:00-10:30 (304)

31. Gastrointestinal 2: PD junction and other Syunrou Matsumoto

124 MDCT Presentation of Normal Pancreas: Individual Variations
Gaurav R. Parmar / *Department of Radiology, Paramount Diagnostic and Reseach Center*

125 CT Findings of Disease in Pancreaticobiliary Duodenal Junction Area with Missed- And Misdiagnosis Analyzing
Si Yun Huang / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*

126 Optimisation of the Size Variation Threshold for CT Evaluation of Response in Advanced Gastroenteropancreatic Neuroendocrine Neoplasms Treated with Octreotide LAR
Yanji Luo / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*

10:40-11:30 (304)

32. Gastrointestinal 3: Rectal cancer Utaroh Motosugi

127 Therapeutic Efficacy Impact of Average Iodine Density Assessed by Dual-energy CT for Preoperative Treatment of Advanced Rectal Cancer
Fumiyasu Tsushima / *Dept. of Radiology, Hirosaki University School of Medicine*

128 Correlation of Hemodynamic Parameters Derived from Intravoxel Incoherent Motion (IVIM) and Perfusion CT in Rectal Cancer
Yanyan Xu / *Department of Radiology, China-Japan Friendship Hospital*

129 Dynamic Contrast-enhanced MR Imaging in Rectal Cancer: Assessment of Quantitative Perfusion Parameters Compared to Perfusion CT
Hongliang Sun / *Department of Radiology, China-Japan Friendship Hospital*

130 Performance of CT-based Texture Analysis in Predicting Tumoral Response to Neoadjuvant Chemotherapy in Locally Advanced Rectal Cancer Patients
Satoko Ishigaki / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

131 A Comparison of Pseudo-continuous Arterial Spin Labeling and Permeability Imaging with Dynamic Contrast-enhanced MRI in Rectal Cancer
Yuichi Kumagae / *Dept. Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

13:00-13:40 (304)

33. Gastrointestinal 4: CT Akira Furukawa

- 132** CT Enterography Score: A Potential Predictor for Severity Assessment of Active Ulcerative Colitis
Yingmei Jia / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*
- 133** The Value of CT Enterography in Evaluation Treatment-effect in Crohn's Disease
Mengjie Jiang / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*
- 134** CT Enterography Can Predict the Surgery-bowels before Surgery in Crohn's Disease
Mengjie Jiang / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*
- 135** CT Enterography Score Can Assess the Possibility of Reoperation in Crohn's Disease
Mengjie Jiang / *Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University*

13:50-14:40 (304)

34. Gastrointestinal 5: MRI Taro Takahara

- 136** Characterization of Perfusivity and Diffusivity from Intravoxel Incoherent Motion in Crohn's Disease
Meng-chen Zhang / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*
- 137** Application of Diffusion Kurtosis Imaging to Bowel Fibrosis Analysis in Crohn's Disease: Correlation with Surgical Histopathology
Li Huang / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*
- 138** Diffusion Kurtosis MR Imaging for Evaluating Inflammatory Activity in Crohn's Disease: Is It Superior to Conventional Diffusion-weighted MRI?
Li Huang / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*
- 139** Diffusion-weighted MRI Enables to Accurately Grade Inflammatory Activity in Patients of Ileocolonic Crohn's Disease: Results from an Observational Study
Xuehua Li / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*
- 140** Assessment of Intestinal Fibrosis in Crohn's Disease: Utility of MR T2*mapping Without Gadolinium Injection
Si Yun Huang / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*

15:10-15:50 (304)

35. Radiation Oncology 2: Chest 1 Kazushige Hayakawa

- 141** A Preliminary Result of Computer-aided Radiotherapy Planning System Using Previous Approximate Cases for Stereotactic Body Radiotherapy
Tadamasa Yoshitake / *Dept. of Comprehensive Clinical Oncology, Graduate School of Medical Sciences, Kyushu Univ.*
- 142** Comparison the Outcome Among the Different Fractionated Radiation Schedule of SBRT for the Lung Cancer
Atsushi Ohta / *Dept. of Radiology and Radiation Oncology, Niigata University Graduate School of Medical and Dental Sciences*

- 143** Effects of Electrical Muscle Stimulation Against Acute Adverse Effect During Lung Cancer Chemo-radiotherapy
Anneyuko Saito / *Dep. of Radiology, Juntendo University School of Medicine*

- 144** Lung Stereotactic Radiotherapy for Centrally-located Lung Tumors
Shuri Aoki / *Dept. of Radiology, University of Tokyo Hospital*

16:00-16:40 (304)

36. Radiation Oncology 3: Chest 2 Ryoichi Yoshimura

- 145** Pulmonary Toxicity after Robotic Radiosurgery System and Linear Accelerator Based Stereotactic Body Radiation Therapy (SBRT) for Lung Tumors
Kazunari Miyazawa / *Dept. of Radiation Oncology, Saitama Univ. International Center*
- 146** Measurement of Exhaled Nitric Oxide and Serum Surfactant Protein D Levels for Monitoring Radiation Pneumonitis after Thoracic Radiotherapy
Hideya Yamazaki / *Dept. of Radiology, Kyoto Pref. Medical School*
- 147** Is Carcinoembryonic Antigen (CEA) a Prognostic Factor for Stage I Non-small Cell Lung Cancer Patients Treated with Stereotactic Body Radiotherapy?
Takashi Shintani / *Department of Radiation Oncology and Image-applied Therapy, Kyoto University*
- 148** Concurrent Chemoradiation Therapy for Limited Small Cell Lung Cancer: Our Experience
Kazuma Iwashita / *Dept. of Radiology, Tenri Hospital*

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

37. MSK Takatoshi Aoki

- 149** Feasibility of Simultaneous Display of Ultrasound/MR Imaging for Hip Joint
Kayu Takezawa / *Dept. of Radiology, Saitama Medical University Hospital*
- 150** Improved Detection of Bone Metastases by Using a Temporal Subtraction Technique Based on Large Deformation Diffeomorphic Metric Mapping in CT
Mitsuteru Tsuchiya / *Dept. Radiology, Seirei General Hospital*
- 151** Bone Metastases from Head & Neck Squamous Cell Carcinoma (HNSCC). Usage of Whole Body MRI (WB-MRI), FDG-PET and CT
Katsuyuki Nakanishi / *Dept. Diagnostic Radiology, Osaka Medical Ctr. for Cancer and Cardiovascular Disease*
- 152** Comparison of 3D Isotropic Fast Spin-echo and Conventional 2D Shoulder MRI for the Evaluation of Rotator Cuff
Saya Horiuchi / *Dept. of Radiology, St. Lukes International Hospital*
- 153** Comparison of Temporal CT Subtraction and Bone Scintigraphy Images in Detection of Bone Metastasis
Koji Onoue / *Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*
- 154** New Image Analysis of Bone Erosion for Patients with Rheumatoid Arthritis: A Study by HR-pQCT
Ko Chiba / *Dept. of Orthopedic Surgery, Nagasaki University Hospital*

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

38. Abdomen 1: CE-CT · MRI Tsutomu Tamada**155** Preliminary Investigation of Quantitative Susceptibility Mapping in the Upper Abdomen

Taisuke Harada / Department of Diagnostic and Interventional Radiology, Hokkaido University

156 Quantitative Prediction of Contrast-enhancement Phases in Abdominal Dynamic Contrast-enhanced CT Using Morphologic Prediction Factors on Pre-contrast CT: A Validation Study

Akira Yamada / Dept. of Radiology, Shinshu University School of Medicine

157 Quantitative and Versatile Prediction of the Best Scan Timing in Dynamic Contrast-enhanced CT Using Morphologic Prediction Factors on Pre-contrast CT

Mana Nakamura / Dept. of Radiology, Shinsyu University School of Medicine

158 Comparison of Contrast and Image Quality between Gadovist and Other Extracellular Gadolinium-based Contrast Media Enhanced MRI Using Normalized Administration Amount

Hiroshi Ikeno / Dept. Radiology, Kanazawa University Hospital

15:10-15:40 (311+312)

39. Emergency and others Masaaki Akahane**159** Imaging Spectrum of Gunshot and Stabbing Injuries at a Level One Trauma Center

Jeffrey Dorr / Department of Radiology, Santa Clara Valley Medical Center

160 Dengue Fever: Utility of Sonography in the Diagnosis and Assessment

Pokhraj P. Suthar / Department of Radiology, Sterling Hospital

161 Gadolinium Retention in the Pups after Maternal Administration

Khongorzul Erdene / Diagnostic Radiology and Nuclear Medicine, Gunma University

15:50-16:20 (311+312)

40. Autopsy Imaging Haruo Saito**162** Estimation of Heart Weight by Comparison of Postmortem Computed Tomography (PMCT) and Autopsy Data

Rei Ogawa / Dept. of Radiology, Niigata University School of Medicine

163 An Experimental Evaluation of Intermittent Breezing in Drowning Lung Appearance on Postmortem CT

Hideki Hyodoh / Center for Cause of Death Investigation, Hokkaido Univ. Graduate School of Medicine

164 Dual-kVps Technique Can Detect Ischemic Heart Disease in Post-mortem CT

Akitoshi Saito / Dept of Radiology, Yamanashi Prefectural Central Hospital

13:00-13:30 (313+314)

41. Interventional Radiology 5: Veins

Shunichi Sadaoka

165 The Innovation of Transcatheter Adhesive Treatment for Incompetent Great Saphenous Veins Using NBCA in Japan

Rie Yagi / Edogawa Hospital Vein Center

166 Ultrasound-assisted Procedure Decreases the Incidence of Procedure-related Complications During Percutaneous Transluminal Angioplasty for Insufficient Dialysis Access

Emiko Chiba / Dept of Radiology, Saitama Medical Center, Jichi Medical University

167 Relationship between Catheter Shapes and Right Adrenal Vein Anatomy for Successful Right Adrenal Venous Sampling - Second Report

Takuji Arakai / Dept. of Radiology, University of Yamanashi School of Medicine

13:40-14:20 (313+314)

42. Interventional Radiology 6: Large and small vessel Masato Yamaguchi**168** Usefulness of Cone-beam CT Immediately after Endovascular Aneurysm Repair (EVAR) for Detecting Limb Stenosis

Makiyo Hagihara / Dept. of Radiology, Aichi Medical University

169 Evaluation of 3D Roadmap Using CT During Aortography for Endovascular Abdominal Aortic Aneurysm Repair in Hybrid Operation Rooms

Akira Ikoma / Dept. of Radiology, Wakayama medical University

170 Ruptured Type B Aortic Dissection: CT Findings and Outcome

Tetsuhiro Otsuka / Dept. of Radiology, Nagasaki University Hospital

171 Efficacy of Self Expanding Stents for Recanalization of Lower Extremity Peripheral Arterial Disease: Experience in the Veterans Affairs Population

Shota Yamamoto / University of California Los Angeles (UCLA)

14:30-15:10 (313+314)

43. Interventional Radiology 7: Oncologic

Hidefumi Mimura

172 Percutaneous Cryoablation for Renal Masses: A Single Center Initial Experience

Shintaro Kimura / Dept. or diagnostic and interventional radiology, Gunma university hospital

173 Ablation Therapy for Renal Cell Carcinoma in Patients with Birt-Hogg-Dubé Syndrome: A Retrospective Review

Yusuke Matsui / Dept. of Radiology, Okayama University Medical School

174 Therapeutic Results of Intraarterial Chemoradiotherapy for Advanced Oropharyngeal Cancer: Initial Experience

Joichi Heianna / Dept. of Radiology, University of the Ryukyus Graduate School of Medical Science

175 The Validation of Double Balloon-occluded Arterial Infusion Therapy for Invasive Bladder Cancer

Kiyohito Yamamoto / Dept. of Radiology, Osaka Medical College

10:10-10:50 (315)

44. Obstetrics/Gynecology 1

Aki Kido

176 Pattern Recognition of Endometrial Lesions in Postmenopausal Women

Ritwika Kaushik / Msm Hospital, Kota, Rajasthan

177 Role of Transcerebellar Diameter in Determining Gestational Age by Ultrasonography in Third Trimester

Pokhraj P Suthar / Department of Radiology, Sterling Hospital

178 Correlation of Placental Thickness to the USG Evaluation of Gestational Age
Pokhraj P Suthar / *Department of Radiology, Sterling Hospital*

179 Mullerian Duct Anomalies with Ovarian Maldescent and Elongation: Series of Five Cases with Review of Literature
Kewal A. Mistry / *Department of Radiology, Synergy Institute of Medical Sciences*

11:00-11:50 (315)

45. Obstetrics/Gynecology 2 Shinya Fujii

180 A Review of MR Images of Pregnant Patients in First Trimester
Motoyuki Katayama / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

181 Uterine Cervical Adenocarcinoma Associated with Lobular Endocervical Glandular Hyperplasia: Radiologic-pathologic Correlation
Ayumi Ohya / *Dept. of Radiology, Shinshu University School of Medicine*

182 Longitudinal Changes in Magnetic Resonance Imaging of Malignant Ovarian Tumors Associated with Ovarian Endometriotic Cysts
Naoko Nishio / *Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*

183 Logistic Regression Model with Multi-parametric MRI to Distinguish Uterine Sarcoma and Benign Leiomyoma: Comparison with 18F-FDG PET/CT
Masataka Nakagawa / *Dept. of Radiology, Kumamoto University School of Medicine*

184 Clinico-radiological Features of Secondary Postpartum Hemorrhage
Masafumi Toguchi / *Dept. Radiology, Toguchi University School of Medicine*

13:00-13:50 (315)

46. Neuroradiology 1: Tumor Takashi Yoshiura

185 Automatic Segmentation of Diffuse Gliomas in the TCGA-LGG Dataset Reveal Correlation with Biologically Distinct Molecular Subsets
Shota Yamamoto / *University of California Los Angeles (UCLA)*

186 Hyperintensity on Arterial Spin Labeling Images Outside Contrast-enhanced Area in Gliomas Is Related to Tumor Histology and Prognosis
Takashi Abe / *Dept. of Radiology, Tokushima University School of Medicine*

187 Simultaneous PH- And Oxygen-Weighted Metabolic MRI of Human Gliomas Demonstrates Intratumoral Metabolic Heterogeneity
Takashi Abe / *Dept. of Radiology, UCLA School of Medicine*

188 Relationship between Tumor Cell Invasion, Motility, and Proliferation Level Estimates (CIMPLE Maps) and ¹⁸F-Fluorodopa (FDOPA) PET in Low Grade Gliomas
Takashi Abe / *Dept. of Radiology, UCLA School of Medicine*

189 Differential Diagnosis between HGG and Lymphoma by Consecutive Acquisition Methods (DCE-MRDSA-DSC) by Using a 1.0-M Gadolinium-based Contrast Agent
Miho Gomyo / *Dept. of Radiology, Kyorin University Faculty of Medicine*

14:00-14:30 (315)

47. Neuroradiology 2: Blood flow

Kazuhiro Tsuchiya

190 Evaluation of Intravoxel Incoherent Motion in Pituitary Adenoma Using Turbo Spin-echo Diffusion-weighted Imaging
Kiyohisa Kamimura / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

191 Assessment of Extracranial-intracranial Bypass by 3D ASL-based Non-contrast MRDSA
Kazuhiro Tsuchiya / *Dept. of Radiology, Tokyo Teishin Hospital*

192 Arterial Transit Time Measured by Multi-delay ASL Perfusion for Evaluating Major Cerebral Artery Stenosis/occlusive Disease: Correlation with ¹⁵O-H₂O PET-CBF
Kayo Takeuchi / *Dept. of Radiology, University of Fukui*

14:40-15:20 (315)

48. Neuroradiology 3: Miscellaneous Satoshi Terae

193 Coccidioidomycosis of the Central Nervous System: CT and MRI Findings of a Rare Infection
Jeffrey Dorr / *Department of Radiology, Santa Clara Valley Medical Center*

194 Anti-N-Methyl-d-Aspartate (NMDA) Receptor Encephalitis: A Case Series
Kok Soon Chow / *Department of Radiology, Penang General Hospital*

195 The Role of MRI in Diagnosis and Therapy Monitorization of Wilson's Disease
Onural Ozturk / *Department of Radiology, University of Kocaeli*

196 A Quantitative Diagnosis and Evaluation of Disease Progression of Parkinson's Disease Using Quantitative Susceptibility Mapping and Neuromelanin Imaging
Hiroto Takahashi / *Osaka University Graduate School of Medicine*

15:30-16:30 (315)

49. Technology Hiroshi Kondoh

197 Possible Flow Related Build-up Effect of Iodine Attenuation at 80kVp Tube Voltage CT: A Dynamic Phantom Study
Kouichirou Matsuura / *Saitama Medical University International Medical Center*

198 Evaluation of Radiation Dose and Image Quality of CT Using Organ Effective Modulation
Satoshi Tsuchiya / *Dept. of Radiology, Chiba University Hospital*

199 Nanoparticle-imaging and Treatment of Primary and Metastasized Tumors Through Immunogenic-cell-death and Abscopal-effect, Respectively, by Targeted MERTK-inhibition and PD-1-blockade Via Radiotherapy
Satoshi Harada / *Dept. of Radiology, Iwate Medical University, School of Medicine*

200 Monitoring of Fatigue of Radiologist Caused by Long Time Image Interpretation, Using FNIRS
Takashi Nihashi / *Dept. of Radiology, Nagoya University School of Medicine*

201 Separation of Blood Component Using Gemstone Spectral Imaging
Hiroshi Kawada / *Department of Radiology, Gifu University Hospital*

- 202** Detectability of Small Peripheral Arteries in Lower Extremities by Ultra High Resolution CT
Ryoichi Tanaka / Dept. of Radiology, Iwate Medical University

April 16 (Sun.)

10:00-10:40 (304)

50. Radiation Oncology 4: Uroradiology Yuta Shibamoto

- 203** Experience with I-125 Seed Brachytherapy in Prostate Cancer Using TheraStrand-SLR®
Kazuhiro Toya / Dept. of Radiology, Int. Univ. of Health and Welfare, Mita Hosp.
- 204** Preliminary Results of VMAT Stereotactic Body Radiotherapy with Flattening Filter-free Beam for Prostate Cancer
Mami Ogita / Dept. of Radiology, The University of Tokyo Hospital
- 205** Comparison of Iron-containing and Non-iron-containing Fiducial Marker for Prostate Radiotherapy in Visualization of CT and MR Images
Osamu Tanaka / Dept. of Radiation Oncology, Gifu Municipal Hospital
- 206** The Analysis of Radioactive Implant Migration in Patients Treated Iodine-125 Seeds for Permanent Prostate Brachytherapy (PPB) with Median Lobe Hyperplasia (MLH)
Koichiro Muraki / Dept. of Radiology, Kurume University School of Medicine

10:50-11:50 (304)

51. Radiation Oncology 5: GI Keiichi Jingu

- 207** Possibility of a "sentinel Effect" In Chemo-radiotherapy and a New Radio-sensitizer Injection (KORTUC)
Shiro Obata / Dept. of Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hospital
- 208** Effect of Irradiation to Multiple Lugol Voiding Lesions of Esophagus
Tomohiko Matsuyama / Dept. Radiation Oncology, Kumamoto University Graduate School of Medicine
- 209** Efficacy and Toxicity Profiles of Different Chemoradiotherapy Regimens for Esophageal Squamous Cell Carcinoma
Hirotake Saito / Department of Radiology and Radiation Oncology, Niigata University Graduate School of Medical and Dental Sciences
- 210** Salvage Esophagectomy after Definitive Chemoradiotherapy for Patients with Esophageal Carcinoma ; A Single Institute Retrospective Study
Tomoki Kiritoshi / The University of Tokyo Hospital
- 211** IFRT Combined with NDP/5-FU for Inoperable Esophageal Cancer on the Basis of FDG-PET in a Phase II Study: Long-term Outcomes
Hideomi Yamashita / Dept. of Radiology, The University of Tokyo Hospital
- 212** How Many Patients Underwent Esophagectomy for Locally Advanced Esophageal Cancer after Chemoradiotherapy?
Yuma Iwai / Dept. Radiology, Chiba University Hospital

13:00-14:00 (304)

52. Radiation Oncology 6: Miscellaneous Hideya Yamazaki

- 213** Dosimetric Comparison between Dual-isocentric Dynamic Conformal Arc Therapy and Mono-isocentric Volumetric-modulated Arc Therapy for Two Large Brain Metastases
Megumi Uto / Dept. Radiation Oncology and Image-applied Therapy, Kyoto University Graduate School of Medicine
- 214** Hypofractionated Versus Conventionally Fractionated Radiotherapy for Early Stage Glottic Carcinoma: A Single-institutional Retrospective Study Using Propensity Score Matching Analysis
Wataru Takahashi / Dept. of Radiology, the University of Tokyo hospital
- 215** Clinical Results of Dynamic Tumor Tracking Intensity Modulated Radiotherapy with Real-time Monitoring for Pancreatic Cancers Using a Gimbal Mounted Linac
Yoko Goto / Dept. of Radiation Oncology and Image-applied Therapy, Kyoto University Graduate School of Medicine
- 216** Pilot Study of Radio-sensitization Using Hydrogen Peroxide (KORUTC) Instead of Brachytherapy for Chemo-radiotherapy of Cervical Cancer
Hu Rong / Dept. of Radiology, Juntendo University School of Medicine
- 217** Palliative Radiotherapy for Malignant Lymphoma
Hiroki Kawaguchi / Dept. of Radiation oncology, Kobe University Hosp.
- 218** Imaging Modalities for Evaluating Acute Therapeutic Effects after Photoimmunotherapy in Vivo
Xieyi Zhang / Department of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine

9:50-10:30 (311+312)

53. Nuclear Medicine 5: OB/GYN Katsuhiko Kato

- 219** Assessment of Intratumor Heterogeneity in Mesenchymal Uterine Tumor by FDG-PET/CT Texture Analysis
Tetsuya Tsujikawa / Biomedical Imaging Research Center, University of Fukui
- 220** Differentiation between Borderline Ovarian Tumors with Solid Portions and Stage I Malignant Ovarian Cancers by FDG PET/CT
Ryusuke Nakamoto / Dept. of Radiology, Kyoto University Graduate School of Medicine
- 221** Prognostic Value of FDG-PET/CT Metabolic Parameters and Their Correlation with Histological Grade in Patients with Angiosarcoma
Ayako Kato / Dept. of Radiology, Kyoto University Graduate School of Medicine
- 222** PET CT Use in Carcinoma of Unknown Primary
Ankur Sharma / Park Hospital

10:40-11:50 (311+312)

54. Nuclear Medicine 6: PET and others Yuji Nakamoto

- 223** Lesion Detectability of a Newly-developed Flexible PET Scanner with Different Layouts of Detectors: A Pilot Study
Masao Watanabe / Dept. of Radiology, Kyoto University Graduate School of Medicine

- 224** Global Uptake of ¹⁸F-Sodium Fluoride in the Lateral Femoral Neck to Evaluate Changes in Bone Turnover with Age
William Y. Raynor / *Department of Radiology, University of Pennsylvania*
- 225** Clinical Evaluation of Q.Freeze Compared with Q.Static; A Preliminary Study of New Motion Correction Methods
Tomoaki Otani / *Dept. of Radiology, Hyogo Prefectural Amagasaki General Medical Center*
- 226** Comparison of Amide Proton Transfer (APT) Imaging with FDG-PET on a PET/MR System
Koji Sagiyama / *Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University*
- 227** Clinical Utility of a Bayesian Penalized Likelihood Reconstruction of PET (Q.Clear) for Assessment of Liver Lesions
Munenobu Nogami / *Dept. of Radiology, Hyogo Cancer Center*
- 228** Assessment of Response to Neoadjuvant Chemotherapy with Ring Type Dedicated Breast PET Scan Compared with Conventional Whole Body PET Scan
Hiromi Koyasu / *Dept. of Radiology, Gifu university*
- 229** Data Expression of Bone SPECT Into 3D Volume-rendered CT Images: Its Principle and Clinical Application
Tadaki Nakahara / *Dept. of Radiology, Keio University School of Medicine*

13:00-14:00 (311+312)

55. Nuclear Medicine 7: Cardiovascular
Jun Hashimoto

- 230** Improvement of Detectability of Ischemic Myocardial Lesion Using ¹⁵⁰H₂O PET: Evaluation with AIC Method
Chietsugu Katoh / *Faculty of Health Sciences, Hokkaido University*
- 231** Comparison of Myocardial Scar and Active Inflammation Using Automated MRI-PETCT Fusion in Patients with Cardiac Sarcoidosis
Kenji Fukushima / *Department of Diagnostic imaging and nuclear medicine*
- 232** Diagnostic Impact of CTAC on CZT Myocardial Perfusion SPECT in CAD as Confirmed by Cardiac SPECT/CT Hybrid Imaging
Yoshimitsu Fukushima / *Dept. of Radiology, Nippon Medical School Hospital*
- 233** Diagnostic Performance of Hybrid Imaging on Cardiac CT and ¹³N-ammonia PET for the Detection of Obstructive Coronary Artery Disease
Naoto Kawaguchi / *Dept. of Radiology, Ehime Prefectural Central Hospital*
- 234** A Retrospective Study of Incidental Focal FDG Uptake in the Left Ventricle
Kazuki Yoshida / *Department of Radiology, Ehime Prefectural Central Hospital*
- 235** Association between Left Ventricular Phase Analysis and Myocardial Perfusion Indices or Clinical Parameters
Noriko Tsuda / *Department of Diagnostic Radiology, Faculty of life sciences, Kumamoto University*

14:10-14:50 (311+312)

56. Nuclear Medicine 8: Chest and abdomen
Harumi Sakahara

- 236** Value of ¹⁸F-FDG PET/CT in Predicting the Malignant Grade of Thymic Epithelial Tumors
Masatoyo Nakajo / *Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University*
- 237** Comparison of Lesion Detectability of ⁶⁸Ga-DOTATOC-PET/CT and ¹¹¹In-Pentetreotide-SPECT/CT in Patients with Known or Suspected Neuroendocrine Tumors
Yuji Nakamoto / *Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*
- 238** Gastroenteropancreatic Neuroendocrine Tumor: Comparison of FDG-PET/CT and Diffusion-weighted MRI
Atsushi Tani / *Dept. of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University*
- 239** The Prognostic Value of ¹⁸F-FDG Uptake in Resected Esophageal Squamous Cell Carcinoma Patients
Hayato Kaida / *Dept. of Radiology, Kindai University Faculty of Medicine*

9:10-9:50 (313+314)

57. Head and neck 2: Tumor
Keiko Toyoda

- 240** Rebound Adenoid Hyperplasia after Chemotherapy in Pediatric Patients with Head and Neck Lymphoma: MR Imaging Findings
Hiroki Kato / *Dept. of Radiology, Gifu University School of Medicine*
- 241** Subtraction Technique Using a Non-rigid Registration Improves Tumor Evaluation of Head and Neck Cancer: Comparison with MRI
Koiku Asakura / *Dept. of Diagnostic Radiology, Shizuoka Cancer Center*
- 242** Usefulness of Diffusion-weighted MR Imaging for Differentiating Warthin's Tumor and Oncocytoma of the Parotid Glands
Keita Fujimoto / *Dept. of Radiology, Gifu University School of Medicine*
- 243** Diagnostic Value of 3D Pseudo-continuous Arterial Spin Labeling: Differentiation of Benign and Metastatic Lymph Node in Head and Neck Cancer
Koji Takumi / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

10:00-10:50 (313+314)

58. Neuroradiology 4: Miscellaneous
Tomohisa Okada

- 244** An International, Randomized, Controlled Trial of MR-guided Focused Ultrasound Thalamotomy for Essential Tremor: Behind and Beyond
Toshio Yamaguchi / *Research Institute for Diagnostic Radiology, Shin-yurigaoka General Hospital*
- 245** Asymmetry of the Labyrinthine Signal on Delayed FLAIR
Shinji Naganawa / *Dept. of Radiology, Nagoya University Graduate School of Medicine*
- 246** Tract-based DTI Analysis Along Perivascular Space (DTI-ALPS) in the Superior Longitudinal Fasciculus in Alzheimer's Disease: Evaluation of Glymphatic System
Toshiaki Taoka / *Department of Radiology, Nagoya University Hospital, Nagoya, Japan*

247 Delayed Appearance of Reversible Hyper Intense Foci on T1-weighted Images in Acute Disseminated Encephalomyelitis
Yusuke Kawanaka / Department of radiology, Hyogo College of Medicine

248 Brain Structure Volume Changes after Whole-brain Radiation Therapy: Automated Brain Structure Segmentation Study
Yohei Takeshita / Dept. of Radiology, Univ. of Occupational and Environmental Health School of Medicine

11:00-11:50 (313+314)

59. Abdomen 2: Pancreas Satoshi Goshima

249 Intravoxel Incoherent Motion MR Imaging for Assessment of Chronic Pancreatitis
Nobuhiro Fujita / Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu Univ.

250 Dynamic Contrast-enhancement Pattern of Solid Pseudopapillary Neoplasm on Multiphasic Contrast-enhanced CT
Haruomi Yamaguchi / Dept. of Diagnostic Radiology, Saitama Medical University International Medical Center

251 Contrast-enhanced CT Assessment of Resectability of Pancreatic Ductal Adenocarcinoma
Yoshifumi Noda / Dept. of Radiology, Gifu University

252 Relationship between Exocrine Pancreatic Function and Abdominal Symptoms: Evaluation Using Cine-dynamic MRCP
Akira Yamamoto / Dept. of Diagnostic Radiology, Kawasaki Medical School

253 Comparison of Imaging Methods for Detecting Pancreatic Neuroendocrine Neoplasms
Meng Wang / Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University

13:00-13:30 (313+314)

60. Abdomen 3: GB, pancreas and others Yoshiki Asayama

254 Usefulness of a Full Iterative Reconstruction Algorithm for Visualization of Cystic Artery on CT Angiography
Toshihiko Hamamura / Dept. of Radiology, Univ. of Occupational and Environmental Health School of Medicine

255 Dynamic Contrast Enhanced 3D T1WI of Upper Abdomen Using Combination of Parallel Imaging and Compressed Sensing at Wide-bore 3T Unit
Motoyuki Katayama / Dept. of Radiology, Seirei Hamamatsu General Hospital

256 CT Perfusion Imaging in Blood Flow Change of the Liver, Pancreas and Spleen in the Case of Celiac Artery Stenosis
Zhuang-nian Fang / Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University

9:10-9:50 (315)

61. Interventional Radiology 8: Head and neck, spine Hiro Kiyosue

257 Nomogram for Predicting Intradiscal Cement Leakage Following Percutaneous Vertebroplasty in Patients with Osteoporosis Vertebral Compression Fractures
Bin-yan Zhong / Department of Radiology, Zhong-da Hospital, Southeast University

258 Risk Prediction Model of New Adjacent Vertebral Fractures after PVP for Patients with Osteoporotic Vertebral Compression Fractures
Bin-yan Zhong / Department of Radiology, Zhong-da Hospital, Southeast University

259 Organized Hematoma of Maxillary Sinus: Angiographic Findings and Embolization
Takuji Maruyama / Dept. of Radiology, Kansai Medical university

260 Initial Treatment Result of Stent-assisted Coil Embolization for Cerebral Aneurysm Using LVIS Stent
Takeshi Wada / Dept. of Radiology, Nara Medical University

10:40-11:50 (315)

62. Interventional Radiology 9: Experiments Keigo Osuga

261 Difference of the Ice Ball Size between on MR Image and on Ultrasonogram
Tadashi Shimizu / Dept. of Diagnostic and Interventional Radiology, Tonan Hospital

262 Fundamental Study for Development of a Fiducial Marker with Calcium Phosphate Cement for Image-guided Radiotherapy
Yusuke Sakuhara / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital

263 Effectiveness of a Tunnel-shaped Shield for the Operator's Radiation Exposure During Computed Tomographic Fluoroscopy-guided Procedures
Miyuki Nakatani / Dept. of Radiology, Kansai Medical University

264 Evaluation of Thermophysical Properties of Lipiodol in Freezing
Tatsuya Yoshikawa / Dept. Radiology, Kyoto Prefectural University of Medicine

265 A Reduced Expansion Technique of Cisplatin-loaded HepaSphere for Chemoembolization in Rabbit VX2 Liver Tumors
Takeshi Sato / Dept. of Radiology and IVR Center, Nara Medical University

266 Factors Associated with Technical Success Rate of TACE in Rat Model of Hepatocellular Carcinoma
Hideyuki Nishiofuku / Dept. of Radiology, IVR Center, Nara Medical University

267 An Experimental Study of Embolic Effect According to Metallic Coil Density or Volume in an in Vitro Tube Model
Kensuke Matsumoto / Dept. of Radiology, Tottori University School of Medicine

13:00-13:40 (315)

63. Interventional Radiology 10: Embolization Sojiro Morita

268 Selective Embolization for Lower Gastrointestinal Bleeding: Initial Experience of Eleven Patients
Masanori Inoue / Dept. of Diagnostic radiology, Keio University School of Medicine

269 Clinical Results of Transarterial Embolization for Obstetric Hemorrhage
Asami Yoshida / Dept. of Radiology, Kansai medical University

270 Accelerated Enlargement of Spleen after Splenic Trauma: Comparison With Injury Severity Score, AAST Splenic Injury Scale, and Splenic Arterial Embolization
Kazuyoshi Nakahashi / Dept. Radiology, Hiroshima University

- 271** Frequency of Reperfusion after an Alteration of Hemodynamics Using Coil Embolization: A Retrospective Study
Akira Imaizumi / Dept. of Radiology, University of Yamanashi

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- 272** Detachable Coil Embolization Via Single-marker Microcatheter
Yuki Yoshino / Dept. of Radiology, Teine Keijinkai Hospital
- 273** Transarterial Local Chemotherapy for Positive Palliation of Tumor-related Symptoms
Akihiko Seki / Dept. of Medical oncology, Suita Tokushukai Hospital
- 274** Initial Experiences of Glubran-2 in Our Institution
Motoki Nakai / Department of Radiology, Wakayama Medical University
- 275** Evaluation of Radiologic Findings after Ethanol Embolization of AVM
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