

Oral Presentation Programs

April 11 (Thu.)

14:50-15:40 (303)

1. Neuroradiology 1: Techniques/Miscellaneous Masayuki Maeda

- ★001 MR Fingerprinting Study for Evaluation of T1-shortening Effect by High-concentration Oxygen Administration
Toshiaki Taoka / Dept. of Radiology, Nagoya University
- ★002 Brain Microstructural Abnormalities in Cirrhotic Patients without Overt Hepatic Encephalopathy: A Voxel-based Diffusional Kurtosis Imaging Study
Hua-Jun Chen / Fujian Medical University Union Hospital
- ★003 Hippocampal Atrophy and Functional Connectivity Disruption in Cirrhotic Patients with Minimal Hepatic Encephalopathy
Hua-Jun Chen / Fujian Medical University Union Hospital
- ★004 Functional Network-based Statistics Reveal Abnormal Resting-state Functional Connectivity in Minimal Hepatic Encephalopathy
Hua-Jun Chen / Fujian Medical University Union Hospital
- ★005 Carotid Intima-Media Thickness in Hemodialysis Patients: Two Years of Experience in Indian Population
Pokhraj Prakashchandra Suthar / Department of Radiology and Imaging Science, Sterling Hospitals

15:50-16:30 (303)

2. Nuclear Medicine 1: Miscellaneous 2 Teisuke Hashimoto

- ★006 Prognostic Utility of the Reduction Rate of FDG PET-based Quantitative Values During Neoadjuvant Chemotherapy in Advanced Ovarian, Tubal and Peritoneal Cancer Patients
Masao Watanabe / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University
- 007 The value of ¹⁸F-FDG PET (/CT) in the assessment of patients with post-transplant lymphoproliferative disorders
Ayako Kato / Dept. of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University
- 008 The Quantitative Effect on PET Image of Taking Drugs Containing Glucose before FDG-PET
Shozo Okamoto / Dept. of Radiology, Obihiro Kosei Hospital
- 009 Physiological FDG Uptake in the Epiphyseal Lines on Pediatric PET
Tomoaki Otani / Dept. of Diagnostic Radiology, Kyoto University School of Medicine

14:40-15:40 (304)

3. Chest 1: Miscellaneous Takahiko Nakazono

- 010 Challenge of Diagrammatizing the Interlobar Pulmonary Arterial Patterns in the Left Lung Using Thin-section CT and Three-dimensional CT
Makiko Murota / Dept. of Radiology, Kagawa University School of Medicine

- 011 Evaluation of the Branching Pattern of Segmental Pulmonary Artery of the Left Upper Lobe Using MDCT
Mariko Ishimura / Dept. of Radiology, Faculty of Medicine, Kagawa University

- 012 Basic Study Regarding Evaluation of Tracheal Diameter Using Dynamic Chest Radiography Changes during the Expiration Phase
Akinaga Sonoda / Shiga University of Medical Science

- 013 Continuous Change of the Main Bronchial Dimensions and Lung Density in the Lateral Position by Dynamic-ventilation CT: Comparison between Non-COPD Smokers and Nonsmokers
Shigetaka Sato / Department of Radiology, Shiga University of Medical Science

- 014 Characteristic Findings of Pleuroparenchymal Fibroelastosis-like Lesions in Cases with Interstitial Pneumonia
Hiromitsu Sumikawa / Department of Radiology, Sakai City Medical Center

- 015 Quantitative Three-dimensional Shape Analysis of CT Images of Thymoma: A Comparison with the World Health Organization Classification
Motohiko Yamazaki / Dept. of Radiology, Niigata University Medical and Dental Hospital

15:50-16:40 (304)

4. Hepatobiliary/Pancreas 1: CT Satoshi Goshima

- 016 Low-voltage (80 kVp) Hepatic Multiphase CT with Forward-projected Model-based Iterative Reconstruction Solution (FIRST) Decreases Contrast Dose and Radiation Dose by 50%
Haruomi Yamaguchi / The Department of Radiology, Graduate School of Medicine, The University of Tokyo

- 017 Quantitative and Qualitative Evaluation of Imaging Quality of Hepatic Multiphase CT with Three Different Image-reconstruction Techniques, i.e., AiCE, FIRST, and Enhanced AIDR 3D Compared to FBP
Haruomi Yamaguchi / The department of Radiology, Graduate School of Medicine, the University of Tokyo

- 018 High-Resolution Abdominal CT Angiography with a Matrix of 1024 × 1024 Using Ultra-High Resolution CT
Kazuya Ogawa / Dept. of Radiology, Osaka University

- ★019 Ultra-high-resolution CT with Model-based Iterative Reconstruction Improves Delineation of the Hepatic Arteries, Pancreaticoduodenal Arcade, and Biliary and Pancreatic Ducts
Makiko Nishikawa / Dept. of Radiology, Kyorin University School of Medicine

- ★020 Modified CT Severity Index in Acute Pancreatitis ? Prognostic Value
Pokhraj Prakashchandra Suthar / Department of Radiology and Imaging Science, Sterling Hospitals

★ : English Presentation

14:40-15:40 (311+312)

5. PACS Shuheii Sato

- ★ **021** Utility of PACS Alert System: Provide Safety Measures against Lack of Confirmation of the Image-diagnosis Reports

Hiroyuki Tajiri / Dept. of Diagnostic Radiology, Ofuna Chuo Hospital

- ★ **022** Improvement in Radiological Reading Efficiency and Quality by Using the Modified Reading System "Triage Reader": The Second Report

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

023 Image Interpretation Work From Home Using ICT: Practical Trial in Municipal Hospital

Takeyuki Kushima / Dept. of Radiology, Hyogo Prefectural Awaji Medical Center

- ★ **024** Separation Effect of Hardware and Software in PACS Server Update

Hiroshi Kondoh / Div. of Medical Informatics, Tottori University Hospital

- ★ **025** Rate of Severe Adverse Drug Reactions to Non-ionic Contrast Media Used During Computed Tomography at Osaka National Hospital

Toru Honda / Dept. of Radiology, Osaka National Hospital

026 Effectiveness of Contrast-enhanced Ultrasonography for Predicting Tumor progression in a Rat Liver Tumor Model

Hideyuki Nishiofuku / Dept. of Radiology, Nara Medical University

15:50-16:40 (311+312)

6. Radiation Oncology 1: Gynecology/Breast Tomoaki Tamaki

- ★ **027** Treatment Results for Cervical Cancer Treated with Definitive Radiotherapy Including MRI-based Image Guided Brachytherapy

Kenji Yoshida / Division of Radiation Oncology, Kobe University Hospital

028 Investigation of The Clinical Target Volume of Radiotherapy for Postoperative Cervical Carcinoma

Tatsuhiko Saito / Dept. of Radiology, Tokyo Medical University

029 Prospective Study of Definitive Radiotherapy Consisting of Whole Pelvis External Beam Therapy without Midline Block and Three-dimensional Image-guided Brachytherapy for Uterine Cervical Cancer

Takeaki Kusada / Dept. of Radiology, University of the Ryukyus Hospital

- ★ **030** Salvage Radiotherapy with a New Radio-sensitizer (KORTUC) for Two Breast Cancer Cases

Shiro Obata / Dept. Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hosp.

031 Evaluation of Lung and Body Surface Displacement During Deep Inspiration Breath-hold (DIBH) Using a Cine Electric Portal Imaging Device in Breast Cancer Patients

Yuka Ono / Department of Radiation Oncology, Kyoto University

15:50-16:40 (313+314)

7. Interventional Radiology 1: CNS/Cryotherapy Masaya Miyazaki

- 032** MR-guided Focused Ultrasound Treatment for Medication-refractory Epilepsy: Early Clinical Experience

Toshio Yamaguchi / Reserch Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital

- 033** MR-guided Focused Ultrasound Pallidothalamic Tract (PTT) Ablation for Advanced Parkinson's Disease: A Feasibility and Safety Study

Toshio Yamaguchi / Reserch Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital

- 034** MR-guided Focused Ultrasound Ventro-oral Thalamotomy for Focal Hand Dystonia (musician's dystonia): Safety and Feasibility Study in 10 Patients

Toshio Yamaguchi / Reserch Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital

- 035** Iceball Formation in Intersected Position of Two Cryoprobes: Freezing Experiments Using Tissue Phantom

Masanori Yamashita / Dept. of Radiology, Kyoto Prefectural University of Medicine

- 036** Complications Requiring Additional Treatments after Percutaneous Cryoablation for Renal Tumors

Yusuke Nakamura / Dept. of Diagnostic and Interventional Radiology, Tonan Hospital

April 12 (Fri.)

9:40-10:20 (311+312)

8. Hepatobiliary/Pancreas 2: Liver Akihiro Nishie

- ★ **037** Focused MRI Protocol for a Rapid Screening of HCCs in Patients with Chronic Liver Disease: a Feasibility Study

Takahiro Sato / Dept. of Radiology, University of Yamanashi

- ★ **038** IDEAL-IQ Technique Diagnoses Nonalcoholic Fatty Liver Disease in Patients with OSAS

Mo Xukai / The First Affiliated Hospital Jinan University

- ★ **039** Assessment of Relationship between Parameters Derived from CT Perfusion Imaging and Diffusion-weighted Imaging (DWI) in Pancreatic Insulinoma

Hongliang Sun / Dept. of Radiology, China-Japan Friendship Hospital

- ★ **040** Quality Evaluation of CT Nonrigid Subtraction Technique in Hepatic Vascular

Yan Zi / Dept. of Radiology, The First Affiliated Hospital of Sun Yat-Sen University

11:00-11:40 (311+312)

9. Nuclear Medicine 2: Miscellaneous 1 Munenobu Nogami

- 041** Is CIScore Effective in Diagnosing Dementia with Lewy Bodies (DLB) Showing Unilateral Occipital Blood Flow Decrease?

Gaku Honda / Department of Radiology, Fukuoka University Hospital

- 042** Changes in Regional Cerebral Blood Flow in Basal Ganglia before and after Deep Brain Stimulation (DBS) Treatment in Patients with Refractory Parkinson's Disease

Masanari Nonokuma / Dept. of Radiology, Fukuoka University Hospital

- 043** Clinical Significance of Follow-up FDG-PET/CT after Curative Treatment for HPV-associated Oropharyngeal SCC
Kousuke Kitaguchi / Dept. Radiology, Kyoto University Graduate School of Medicine
- ★044** Value of Texture Features of ¹⁸F-FDG-PET/CT Imaging for Differentiating between Benign and Malignant Pulmonary Lesions
Masatoyo Nakajo / Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University

9:40-10:20 (313+314)

10. Chest 2: Lung nodule/Miscellaneous

Masahiko Kusumoto

- ★045** Preliminary Result of Peripheral Lung Movement Analyzed by Dynamic-ventilation CT: Comparison between Ventral and Dorsal Regions
Yukihiro Nagatani / Dept. of Radiology, Shiga University of Medical Science
- ★046** One-step Energy Spectral and Perfusion Imaging in Diagnosis of Solitary Pulmonary Nodule
Lin Li / Radiology, Liaoning Cancer Hospital & Institute
- ★047** Evaluation of Correlation between Iodine Distribution Value and Perfusion Parameters in Lung Cancer by CT Dynamic Spectroscopy
Lin Li / Radiology, Liaoning Cancer Hospital & Institute
- ★048** The Value of Multi — phase Enhancement Scanning of 320 — row VolumeCT Combined with CTA in Diagnosing Pulmonary Mass
Yan Zhang / Dept. of CT, Shaanxi Provincial People's Hospital

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

11. Neuroradiology 2: Analysis Takashi Yoshiura

- ★049** Machine Learning with Convolutional Neural Networks on Brain MRI for Differential Diagnosis of Common Brain Tumors
Yoshiyuki Watanabe / Dept. of Future Diagnostic Radiology, Osaka University School of Medicine
- ★050** Deep Convolutional Neural Network-based Computer-assisted Diagnosis System for Brain Magnetic Resonance Images with Diffuse or Multiple Lesions: A Feasibility Study
Jun Oyama / Dept. of Radiology, Tokyo Medical and Dental University
- ★051** Deep Learning-assisted Diagnosis of Hyperdense MCA Sign in Acute Ischemic Stroke: Comparison with Readers' Performance
Yuki Shinohara / Dept. of Radiology and Nuclear Medicine, Research Institute for Brain and Blood Vessels-Akita
- ★052** Histological Grade of Meningioma: Prediction by IVIM Histogram Parameters
Manisha Bohara / Dept. of Radiology, Kagoshima University

9:40-10:20 (F205+206)

12. Cardiovascular 1: Vascular Kenichi Yokoyama

- ★053** The Mismatch of Flow between the Main Pulmonary Artery and Ascending Aorta in Patients after Repair of Tetralogy of Fallot
Shigeo Okuda / Dept. of Radiology, Keio University School of Medicine

- ★054** Efficacy of Retrospective ECG-gated CTA for Detection of Intimal Tear in Stanford Type-A Communicating Aortic Dissection
Kenji Nishida / Department of Diagnostic Radiology, Tsuchiura Kyodo General Hospital

- ★055** Effect of Coronary Heart Disease on the Distensibility of Ascending Aorta, Descending Aorta and Pulmonary Artery using 640 slice-Volume CT
Fei Yang / Department of Medical Image, First Affiliated Hospital of Hebei North University

- ★056** Analysis of Distensibility Characteristics of Pulmonary Artery in PE Patients Using 640 Slice-Volume CT
Shujun Cui / The First Affiliated Hospital of Hebei North University

11:00-11:40 (F205+206)

13. Cardiovascular 2: Coronary Artery

Noriko Oyama-Manabe

- ★057** Reproducibility of Computed Tomography -Derived Fractional Flow Reserve with Postprocessing Software Based on Structural and Fluid Analysis
Junzhen Liu / Dept. of Radiology, Zhongshan Hospital, Fudan University.
- ★058** On-site CT-derived FFR for the Prediction of Hemodynamic Significance in Intermediate Lesions: Comparison with SPECT Myocardial Perfusion Imaging for the Detection of Ischemia-causing Lesion
Weifeng Guo / Departments of Radiology, Zhongshan Hospital, Fudan University
- ★059** Influence of Vessel Length on Transluminal Attenuation Gradient in Coronary CT Angiography Using 320-slice CT and Diagnostic Value Compared with Invasive Coronary Angiography
Nan Xu / Department of Radiology, Shanghai East Hospital, Tongji University School of Medicine
- ★060** Feasibility Study of Single Cardiac Cycle Coronary Angiography in Free Breathing Patients
Mo Xukai / The First Affiliated Hospital Jinan University

15:05-15:55 (311+312)

14. Neuroradiology 3: Vessel/Perfusion

Hisashi Tanaka

- ★061** The Impact of Ultra-high-resolution CT on the Evaluation of Small Intracranial Arteries: Preliminary Results
Akira Yogi / Dept. of Radiology, University of the Ryukyus Hospital
- ★062** Noninvasive Evaluation of Collateral Circulation and Prognosis in Acute Stroke Patients Using 4D CTA
Ruoyao Cao / Dept. of Radiology, Beijing Hospital
- ★063** Delayed time-density Curve in Acute Ischemic Stroke Patients with Severe Cardiogenic Diseases May Result in Abnormal Perfusion Results
Juan Chen / Department of Radiology, CT Room, Beijing Hospital
- ★064** Quantitative Analysis of CT Perfusion in Predicting Prognosis of Acute Cerebral Infarction
Dan Wei / 58 Zhongshan Second Road, Guangzhou, Guangdong Province
- ★065** Relationship between Pulsation of Cerebral Aneurysm and Aneurysmal Wall Enhancement in Patients with Unruptured Intracranial Aneurysms
Lingling Wang / Department of Radiology, Renji hospital, School of Medicine, Shanghai Jiao Tong University

★ : English Presentation

16:00-17:00 (311+312)

15. Neuroradiology 4: Techniques

Masafumi Kanoto

066 Consecutive Acquisition of CT Perfusion, CT Arteriography, and CT Venography for a Brain Tumor on a 64-row MDCT by Determining the Contrast Agent Dose Based on Patient Body Weight

Kazuhiro Tsuchiya / Dept. of Radiology, Saitama Medical Center, Saitama Medical University

067 Deviation of Intracranial Structures between Sitting and Supine Positions Scanned with Upright and Conventional CT

Yoichi Yokoyama / Dept. of Radiology, Keio University School of Medicine

068 Usefulness of Color-coded 4D-CTA Detecting Feeding Arteries and Vascularity of Meningiomas: Compared with Digital Subtraction Angiography

Takuya Fujiwara / Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine

069 High-temporal Resolution Dynamic Contrast-Enhanced MRI: Quantitative Comparison of Pituitary Adenoma and Normal Pituitary Gland

Kiyohisa Kamimura / Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences

070 Pediatric Intracranial Tumor Grading: Comparison of ADC, IVIM, and APT Using Histogram Analysis

Kazufumi Kikuchi / Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University

★ **071** Imaging Quality of Helical Head CT Using Third-Generation CT Machines in Children

Tetsu Niwa / Dept. of Radiology, Tokai University School of Medicine

17:10-18:00 (311+312)

16. Musculoskeletal 1: Miscellaneous

Tamotsu Kamishima

★ **072** Effects of Menstrual Status and Age on Dynamic Contrast-enhanced MR Imaging of Pelvic Bone Marrow in Adult Women

Xiao Miao Zhang / Department of Radiology, Liaoning Cancer Hospital, China Medical University

★ **073** Impact of Age and Menstrual Status on ADC of Pelvic Bone marrow in adult women

HuiTing Pang / Dept. of Radiology, Cancer Hospital of China Medical University

★ **074** Assessment of Pelvic Bone Marrow Changes in Patients with Locally Advanced Cervical Cancer After Concurrent Chemoradiotherapy: Diffusion Magnetic Resonance Imaging

Yanyan Yu / Department of Radiology, Liaoning Cancer Hospital & Institute

★ **075** Assessment of Instability in Patients with Spondylolysis or Isthmic Spondylolisthesis Using Positional MRI

Pascal Niggemann / Department of Radiology, Diakonissenkrankenhaus Mannheim

★ **076** Use of Positional MRI in Patients with Lumbar Spinal Canal Stenosis

Pascal Niggemann / Department of Radiology, Diakonissenkrankenhaus Mannheim

15:05-15:55 (313+314)

17. Breast 2: Tumor/Miscellaneous

Shuichi Monzawa

077 MRI Texture Analysis of Triple Negative Breast Cancer: Association with Survival Outcomes

Saki Kamiya / Dept. of Radiology, Nagoya University Graduate School of Medicine

★ **078** Peritumoral Delayed Rim Enhancement on Magnetic Resonance Imaging of Invasive Breast Carcinomas: Quantitative Evaluation of Delayed Peritumoral Enhancement

Roka Matsubayashi Namoto / Breast Care Center and Department of Radiology, National Hospital Organization Kyushu Medical Center

079 Utility of T1-Weighted Imaging and T2-Weighted Fat Imaging for the Diagnosis of Intramammary Lymph Nodes

Yuka Kikuchi / Dept. of Radiology, Soka Municipal Hospital

★ **080** Diagnostic Value of 18F-FDG-PET/CT Using Time-of-Flight for Evaluating Axillary Lymph Node Metastasis in Breast Cancer Patients

Mio Mori / Dept. of Radiology, Tokyo Medical and Dental University

★ **081** Impact of the Relationship between FDG-PET and the New Prognostic Staging of Breast Cancer

Kazunori Kubota / Department of Diagnostic Radiology, Medical Hospital, Tokyo Medical and Dental University

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

18. Breast 3: Miscellaneous

Hiroko Kawashima

★ **082** DWIBS Mammography for Women with Dense Breasts

Takayoshi Uematsu / Dep. of Breast Imaging/Intervention, Shizuoka Cancer Center

★ **083** Analysis of Radiation Dosage for Patients with Dense Breast and Phantom Study Using Full Field Digital Mammography

Cao guo Quan / Department of Radiology, The First Affiliated Hospital of Wenzhou Medical University

★ **084** Preliminary Application of Artificial Intelligence (AI) Diagnosis of Benign and Malignant Lesions on Mammography

Xiaoling Zhang / First Hospital of Sun Yat-sen University

★ **085** Deep-learning Image Analysis with a Convolutional Neural Network for Distinguishing Between Benign and Malignant Tumor Using Breast Ultrasound

Tomoyuki Fujioka / Dept. of Radiology, Tokyo Dental and Medical University

16:50-17:50 (313+314)

19. Obstetrics/Gynecology 1: Tumor

Kaori Togashi

★ **086** MRI Radiomics Machine-learning Approach for Predicting Locoregional Control in Locally Advanced Uterine Cervical Cancer after Definitive Radiotherapy Using Multicenter MRI Data

Akiyo Takada / Department of Radiology, Chiba University Hospital

★ **087** A Radiomics Model for Predicting Pelvic Lymph Node Metastasis in Early-stage Cervical Squamous Cell Carcinoma

Yanyan Yu / Department of Radiology, Liaoning Cancer Hospital & Institute

- ★088 Evaluation of 1H-MRS in the Diagnosis of Cervical Intraepithelial Neoplasia and Cervical Cancer
Yanyan Yu / Department of Radiology, Liaoning Cancer Hospital & Institute
- ★089 Accuracy of MR Imaging in Measuring the Size of Stage IB1 Cervical Carcinoma
Rui Zhang / Department of Radiology, China Medical University, Liaoning Cancer Hospital
- ★090 A Primary Study of the Volume CT Perfusion in Predicting Treatment Response in Patients with Cervical Squamous Carcinoma Treated by Chemotherapy and Radiation Therapy
Tong Rui Dong / Radiology Department, Cancer Hospital of China Medical University
- ★091 Imaging Features of the Whole Uterus Volume CT Perfusion and Influence Factors of Blood Supply: A Primary Study in Patients with Cervical Squamous Carcinoma
Yue Dong / Radiology Department, Cancer Hospital of China Medical University

April 13 (Sat.)

9:40-10:20 (311+312)

20. Interventional Radiology 2: Miscellaneous Koji Sugimoto

- 092 The Influence of full PETTICOAT TEVAR for aortic dissection on abdominal aortic branches
Atsushi Yoshida / Dept. of Radiology, Tenri Hospital
- ★093 Transradial Non-Coronary Interventions: Ischaemic Stroke Complications in the Elderly - A Single Centre Retrospective Review
Gavin Lim / Dept. of Radiology, Tan Tock Seng Hospital
- ★094 Early Local Experience of Prostatic Artery Embolization as Treatment of Urinary Retention: A Radiologist's Perspective
Kathy Wing in Sit / Department of Radiology and Organ Imaging, United Christian Hospital
- 095 Vascular Phantom Study to Depict Submillimeter Small Arteries on Transarterial CT: MDCT Versus Cone-beam CT
Toshiyuki Irie / Department of Radiology, Mito General Hospital

11:00-11:40 (311+312)

21. Breast 1: MRI Mariko Goto

- ★096 Evaluation of Breast Lesions Using High-resolution DWI and T2/T1WI: Comparison with a Full MRI Protocol Including DCE-MRI
Ayami Ohno Kishimoto / Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University
- ★097 Efficacy of Dynamic Contrast-enhanced MRI in Quantitative Assessment of Benign and Malignant Non-mass Breast Lesions with Microcalcifications
Xiaowen Ma / Department of Radiology, Cancer Hospital of China Medical University
- ★098 Application Value of Hemodynamics and Radiomics Based on DCE-MRI in Predicting the Recurrence Time of Breast Cancer
Wei Niu / Radiology department, Cancer Hospital of China Medical University

- ★099 Quantitative DCE-MRI Technique Applied to Evaluate the Effect of Neoadjuvant Chemotherapy in Locally Advanced Breast Cancer
Tengfei Peng / Dept. of Medical Imaging, Cancer Hospital Of China Medical University

9:40-10:20 (313+314)

22. Head and Neck Takuro Horikoshi

- 100 A Radiographic Study on Prevalence of Pediatric Superior Semicircular Canal Dehiscence
Yang Wang / Dept. of Diagnostic Radiology, Hyogo Prefectural Amagasaki General Medical Center
- 101 3D Reversed Fast Imaging with Steady-state Precession Diffusion-weighted Imaging for Detecting Middle Ear Cholesteatomas
Minako Azuma / Departments of Radiology, Faculty of Medicine, University of Miyazaki
- 102 Ultra-high-resolution CT Scan for Assessment of Head and Neck Cancer; Possibility of Improving Diagnostic Performance
Koiku Asakura / Div. of Diagnostic Radiology, Shizuoka Cancer Center
- 103 ADC Analysis for Pleomorphic Adenoma and Carcinoma ex Pleomorphic Adenoma: Influence of Radiologists' Performance on Reliability and Diagnostic Performance of Conventional and Radiomics Approach
Takeshi Wada / Dept. of Diagnostic imaging, Cancer Institute Hospital of JFCR

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

23. Artificial Intelligence Naoto Hayashi

- 104 Classification of Common Anatomical Variant of Major Vessels on Plain Chest Radiograph by Using Several Deep-learning Techniques
Takeyuki Watadani / Dept. of Radiology, The University of Tokyo School of Medicine
- 105 Deep Learning for Detecting Lung Cancers in Chest Radiographs
Akitoshi Shimazaki / Dept. of Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine
- 106 Preliminary Study of Automated Pulmonary Mass Detection in Chest Radiography Using U-Net
Yukihiko Nomura / Dept. of CDRPM, The University of Tokyo Hospital
- 107 Evaluation of a Deep Learning-Based Computer-Aided Detection System for Detecting Lung Nodules in Chest CT Scans
Shichiro Katase / Dept. of Radiology, Kyorin University Hospital

9:40-10:30 (315)

24. Chest 3: Lung Nodule Shuji Sakai

- ★108 Study on the Relationship Between Peak Time of Iodine Value and Intensification Peak Time of Pulmonary Artery and Aorta in Solitary Pulmonary Nodule Dynamic Spectroscopy
Lin Li / Radiology, Liaoning Cancer Hospital & Institute
- ★109 One-stop Scanning of CT Dynamic Energy Spectrum in Pathological Classification of Lung Cancer
Lin Li / Radiology, Liaoning cancer Hospital & Institute

★ : English Presentation

- ★ 110 Application Value of Toshiba 320 Variable mA in Low Dose Screening Physical Examination of Pulmonary Nodules
Zhang Feng Fang / *China Dep. of Radiology*

- ★ 111 Diagnostic Value of 320-row Volume CT Single and Dual-input Combination Mode of Whole Tumor Perfusion Parameters for Solitary Nodes in the Lung
Bing Ge / *Department of Radiology, Third People's Hospital of Honghe Prefecture*

- ★ 112 Characterizing Non-small-cell Lung Cancer (NSCLC) with Different EGFR Mutational Status: Dual-energy Computed Tomography (DECT) Preliminary Findings
Hongliang Sun / *Dept. of Radiology, China-Japan Friendship Hospital*

11:10-11:50 (315)

25. Pediatric 1: Miscellaneous Noriko Aida

- ★ 113 Comparison of Cumulative Doses between Plain Chest Film and CT in Children with congenital Heart Disease in a Japanese University Hospital Setting.
Eriko Maeda / *Dept. of Radiology, University of Tokyo School of Medicine*

- 114 3DCT for Prenatal Diagnosis of Fetal Skeletal Dysplasia: Dose Evaluation Using Custom-made Phantom Corresponds to Pregnant Woman and Fetus
Osamu Miyazaki / *Dept. of Radiology, National Center for Child Health and Development*

- ★ 115 New Iterative Reconstruction Algorithm on Lumbar Metal Noise Reduction in Children
Ya xin Zhu / *Radiology*

- ★ 116 Utility of High Frequency Ultrasound in Cases of Ambiguous Genitalia Due to Congenital Adrenal Hyperplasia.
Vishal Kantilal Kumat / *Prince Aly Khan Hospital*

9:40-10:20 (F205+206)

26. Nuclear Medicine 3: Cardiovascular

Tadaki Nakahara

- 117 Usefulness of Regional Phase Analysis for Predicting Restenosis after Percutaneous Coronary Intervention
Tamasa Terada / *Dept. of Radiology, Faculty of Medicine Miyazaki University*

- ★ 118 Improvement of Estimation of Coronary Flow Reserve in the Ischemic Myocardial Lesion with ECG-gated Dynamic Myocardial PET with 15O-H₂O: Comparison with Conventional Non-gated PET
Chietsugu Katoh / *Faculty of Health Sciences, Hokkaido University School of Medicine*

- 119 Microsphere Model with Linearization Correction for Estimation of Myocardial Blood Flow in N-13 Ammonia PET.
Noriyuki Shuke / *Dept. of Radiology, Kushiro Kojinkai Memorial Hospital*

- ★ 120 Comparison of FDG Uptake of Left Ventricular Myocardium between First and Second FDG-PET Studies
Tatsuya Yoneyama / *Divi. of Thyroid, Public Central Hospital of Mattou Ishikawa*

11:00-11:40 (F205+206)

27. Cardiovascular 3: Miscellaneous

Norihiko Yoshimura

- 121 Utility of Contrast-enhanced Subtraction MRI for Endoleak Detection after Sac Embolization during or after Endovascular Abdominal Aortic Aneurysm Repair
Atsufumi Kamisako / *Department of Radiology, Wakayama Medical University*

- 122 Intra-Individual Comparison of Areas of the Vena Cava and Aorta Between Standing and Supine Positions Scanned using 320-detector-row Upright and Conventional CT
Yoshitake Yamada / *Dept. of Radiology, Keio University School of Medicine*

- ★ 123 MDCT Angiography of Upper Extremity with the Contrast Material Administration from the Ipsilateral Arm in Assessment of Native Hemodialysis Access Failure: Comparison with DSA
Motoyuki Katayama / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

- ★ 124 Epicardial Fat Volume in Multi Detector CT ? As an Independent Risk Factor for Coronary Atherosclerosis
Pokhraj Prakashchandra Suthar / *Department of Radiology and Imaging Science, Sterling Hospitals*

13:30-14:10 (311+312)

28. Technique/Miscellaneous

Norio Nakata

- 125 Artificial Intelligence Using Neural Network Architecture(AINNAR): A Fundamental Study about the Optimized Division Number in the K-fold Cross Validation Test.
Tomoyuki Noguchi / *Dept. of Radiology, National Center for Global Health and Medicine*

- 126 Evaluation of Calcifications in Mammograms Adopted Super Resolution via Deep Learning
Takashi Honjo / *Dept. of Diagnostic and Interventional Radiology, Osaka City Graduate School of Medicine*

- 127 The Utility of POCS Reconstruction with Weighted Signal Averaging to Improve Image Qualities and Reduce Artifacts in Diffusion-weighted Imaging of the Liver
Noriaki Nagata / *Dept. of Radiology, University of Yamanashi*

- ★ 128 Whole-body Bone Marrow DWI Correlates with Age, Anemia, and Hematopoietic Activity
Tetsuya Tsujikawa / *Biomedical Imaging Research Center, University of Fukui*

14:30-15:20 (311+312)

29. Musculoskeletal 2: Techniques

Taiki Nozaki

- ★ 129 Detecting Hip Fractures on Radiography with a Deep Learning System; Initial Clinical Experience Comparing between DLS Alone and Readers
Yoshiko Hayashida / *Dept. of Radiology, University of Occupational and Environmental Health*

- 130 Feasibility of Detecting bone Marrow Edema during Visual and Quantitative Analyses of Vertebral Compression Fractures by Dual Energy CT in Patients Aged Less Than 50 years
Shinichi Nakamura / *Dept. of Radiology, Kumamoto Rousai Hospital*

- ★ 131 Effect of Patient-related and CT-examination-related Factors on Detectability of Bone Metastases Using CT with and without Temporal Subtraction
Mizuho Nishio / *Preemptive Medicine and Lifestyle-Related Disease Research Center, Kyoto University Hospital*
- ★ 132 Utility of Single-energy Metal Artifact Reduction with a 320-MDCT Volume Scanner for Evaluation of Reduction Effect of Various Site Metal Artifacts
Jiang hui Duan / *Dept. of Radiology, CHINA-JAPAN Friendship Hospital*
- ★ 133 Exploring Different KeV in Monoenergetic Extrapolation in Dual-energy CT for Metallic Artifact Reduction in Patients with Lumbosacral Spine Implants
Ka Yin Gregory Lee / *Department of Radiology, Pamela Youde Nethersole Eastern Hospital*
- ★ 142 Radium-223 Therapy for Patients with Metastatic Castrate-Resistant Prostate Cancer (CRPC) -Monitoring with Whole Body MRI (WB-MRI) Including DWI-
Katsuyuki Nakanishi / *Dept. of Diagnostic & Interventional Radiology, Osaka International Cancer Institute*
- ★ 143 Comprehensive Evaluation of Prostate MRI Using Machine Learning
Alexander Ushinsky / *Department of Radiological Sciences, University of California*
- ★ 144 Diffusion-Weighted MR Imaging (DWI) for Assessing Renal Dysfunction in Cholangiocarcinoma Patients
Jaturat Kanpittaya / *Department of Radiology, Faculty of Medicine, Khon Kaen University*

17:10-18:20 (311+312)

30. Radiation Oncology 2: Uroradiology

Hirofumi Toyama

- ★ 134 Prospective Clinical Trial of 12-fraction Carbon Ion Radiotherapy for Primary Renal Cell Carcinoma
Goro Kasuya / *Hospital of the National Institute of Radiological Sciences, National Institutes for Quantum and Radiological Science and Technology*
- 135 The Impact of Hydrogel Spacer on I-125 Prostate Brachytherapy Combined with External Beam Radiotherapy.
Takashi Soyano / *Dept. of Radiology, National Tokyo Medical Center*
- 136 Dosimetric Impact of a Rectal Hydrogel Spacer in LDR Brachytherapy for Prostate Cancer
Nana Natsume / *Tokyo Medical Center*
- 137 Retrospective Analysis about Safety of Hypofractionated Postoperative IMRT for Prostate Cancer
Subaru Sawayanagi / *Dept. of Radiology, Faculty of Medicine, The University of Tokyo*
- 138 Updated Long - term Outcomes after Carbon Ion Radiotherapy for Primary Renal Cell Carcinoma
Goro Kasuya / *Hospital of the National Institute of Radiological Sciences, National Institutes for Quantum and Radiological Science and Technology*
- 139 High-dose-rate Brachytherapy Monotherapy versus Low-dose-rate Brachytherapy with or without External Beam Radiotherapy for Clinically Localized Prostate Cancer
Hideya Yamazaki / *Department of Radiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine*
- ★ 140 Hydrogel Spacer within the Perirectal Space during Radiotherapy for Prostate Cancer: Anatomical Distribution and Rectal Dose Reduction
Hirofumi Toyama / *Dept. of Radiology, National Tokyo Medical Center*

14:20-15:00 (313+314)

31. Uroradiology 1: Prostate/Miscellaneous

Yoshifumi Narumi

- ★ 141 Prognostic Impact of Quantitative Bone SPECT/CT for Patients with Metastatic Castration-resistant Prostate Cancer Undergoing Enzalutamide Therapy
Yoshimitsu Fukushima / *Dept. of Radiology, Nippon Medical School*

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

32. Uroradiology 2: Miscellaneous

Satoru Takahashi

- 145 CT and MRI Features of Chromophobe Renal Cell Carcinoma
Nobukata Kazawa / *Dept. of Radiology, Kansai Medical University School of Medicine*
- 146 Is Zoomed DWI Improves the Diagnosis of T Staging of Bladder Cancer?
Hiroshi Juri / *Dept. of Radiology, Osaka Medical College*
- 147 Deep Learning with Convolutional Neural Network for Automated Segmentation of Renal Arteries: Initial Experience
Takashi Ota / *Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*
- ★ 148 Subcapsular Beaded Appearance of the Kidney on Contrast Enhanced CT: Indicative for Dilated Subcapsular Lymphatics?
Christopher Silman / *Dept of Radiology*
- ★ 149 Urinary Stone Characteristics by an Urologist and a Radiologist: a Comparative Analysis
Pokhraj Prakashchandra Suthar / *Department of Radiology and Imaging Science, Sterling Hospitals*

13:10-14:10 (315)

33. Interventional Radiology 3: Embolization

Yasufumi Ohuchi

- 150 Whole-Liver Transcatheter Arterial Chemoembolization with Cisplatin Fine Powder and Trisacryl Gelatin Microsphere for Treating Unresectable Multiple Hepatocellular Carcinoma
Akihiro Imamura / *Division of Diagnostic Imaging, Chiba Cancer Center*
- 151 Embolization of the Puncture Tract after Portal Venous Interventions: Comparison between Coils and N-butyl Cyanoacrylate
Shuto Miyamura / *Dept. of Radiology, Nagasaki University Hospital*
- 152 Transarterial Chemoembolization (TACE) with CDDP-loaded HepaSpheres for Large Hepatocellular Carcinoma
Noboru Maeda / *Dept. of Diagnostic and Interventional Radiology, Osaka International Cancer*
- 153 Assessment of Angiography for Jejunal and Ileal Arterial Bleeding
Shinjiro Harayama / *Dept. of Radiology, Tokyo Metropolitan Tama Medical Center*

★ : English Presentation

PROGRAM

154 Optimal Follow-up Plan After Embolization of Renal Angiomyolipomas
Yukichi Tanahashi / Dept. of Radiology, Gifu University Hospital

155 Clinical Results of Transarterial Embolization for Postpartum Hemorrhage
Yasuyuki Ono / Dept. of Radiology, Kansai Medical University

14:20-15:10 (315)

34. Interventional Radiology 4: Vein/Miscellaneous
Shiro Miyayama

156 Patency after Balloon Percutaneous Transluminal Angioplasty of Access Circuits and Venous Routes Using CO₂-DSA Versus Conventional DSA (C-DSA) in Hemodialysis Patients
Yutaro Tasaki / Department of Radiology, Nagasaki University Hospital

157 An Alternative Method in the Case That Right Adrenal Vein Selection Is Difficult in Adrenal Venous Sampling
Akira Yamamoto / Dept. of Radiology, Kawasaki Medical School

158 Evaluation of Puncture Points and Port Placement Sites to Prevent Catheter Fracture via the Right Internal Jugular Vein
Kazuya Matsunari / Department of Radiology, Showa University Northern Yokohama Hospital

159 Robotically Driven out-of-plane Needle Insertion: Phantom and Animal Experiments
Toshiyuki Komaki / Dept. Radiology, Okayama University Medical School

160 Transarterial Palliative Local Chemotherapy for Symptomatic Recurrent Cancer
Akihiko Seki / Dept. of Medical Oncology, Suita Tokushukai Hospital

13:10-14:10 (F205+206)

35. Radiation Oncology 3: Miscellaneous
Kazuhiko Ogawa

★ **161** Analysis of Survival in the Patients Treated with Radiotherapy for Bone Metastases Based on the Modified Glasgow Prognostic Score
Tomohiro Katagiri / Dept. of Radiat Oncol, Shizuoka City Shizuoka Hospital

★ **162** Hematopoietic Stem-cell Transplantation with Brain-shielding Total-body Irradiation as Treatment to Adrenoleukodystrophy
Ryosuke Takenaka / Dept. of Radiology, the University of Tokyo Hospital

★ **163** Imaging of Primary and Metastatic Tumors and Their Treatment Through Targeted Immunotherapy Using Maleimide-Antigen-Capturing Nanoparticles
Satoshi Harada / Dept. of Radiology, Iwate Medical University School of Medicine

164 Evaluation of Radiotherapy Treatment Planning Based on Functional Imaging Using Xe-CT
Nobuko Utsumi / Dept. of Radiation Oncology, Saitama Medical Center, Saitama Medical Univ.

165 The Effect of Consulting for a Second Opinion on the Treatment Satisfaction of Cancer Patients
Masanari Minamitani / Dept. of Radiology, Tokyo University

166 Achievements of a Radiation Oncology Seminar for Medical Students and Residents by JASTRO
Satoaki Nakamura / Dept. of Radiology, Kansai Medical University

14:30-15:20 (F205+206)

36. Gastrointestinal Masanobu Mizuguchi

★ **167** "Wall-carving Technique" of CT Gastrography for Gastric Cancer: Impact of Contrast Enhancement Based on Layer Depth
Daisuke Tsurumaru / Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University

★ **168** Radiogenomics Predicts the Expression of MicroRNA-1246 in the Serum of Patients with Esophageal Squamous Cell Carcinoma
Hajime Yokota / Dept. of Radiology, Chiba University Hospital

★ **169** Prediction of KRAS Mutation for Rectal Carcinoma: Preoperative Enhanced Multiple-Slice Computed Tomography and Histopathological Correlation
Chenyu Song / Department of Radiology, The First Affiliated Hospital, Sun Yat-Sen University

★ **170** Quantitative Intravoxel Incoherent Motion Parameters Derived from Whole-tumor Volume for Assessing Pathological Complete Response to Neoadjuvant Chemotherapy in Locally Advanced rectal cancer
Qiaoyu Xu / Dept. of Radiology, Beijing Chao-Yang Hospital

171 Evaluation of Somatostatin Receptor Scintigraphy Using ¹¹¹In-pentatreotide
Maya Oki / Radiology, SUMS

April 14 (Sun.)

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

37. Chest 4: CT · CR Katsuya Kato

172 Usefulness of Bone Suppression and Temporal Subtraction on Chest Radiographs during Medical Checkups: Retrospective Lung Cancer Detection in Legal Cases
Seiji Shiotani / Dept. of Radiology, Seirei Fuji Hospital

173 Evaluation of Automatic Detection Technique for Chest Radiographs Using Deep Learning-based Algorithms for Pulmonary Nodule and Pneumonia in Japan
Kouzou Murakami / Dept. of Radiology, Showa University School of Medicine

174 Effect of Tube Current, Spatial Resolution, and Reconstruction Algorithm on Image Noise of Lung Nodule: A Phantom study using ultra-high-resolution CT scanner
Mizuho Nishio / Preemptive Medicine and Lifestyle-related Disease Research Center, Kyoto University Hospital

175 Volumetry on Ultra-High-Resolution CT for Pulmonary Subsolid Nodules Using 1024 × 1024 Matrix Size and 0.25 mm Thickness: An Initial Phantom study
Yuriko Yoshida / Dept. of Radiology, Osaka University School of Medicine

176 Effect of Deep Learning-Based Reconstruction on the Image Quality of Ultra-High-Resolution Computed Tomography for Diffuse Lung Diseases
Kohei Mitsuhashi / Department of Radiology, Kanagawa Cardiovascular and Respiratory Center

177 Fundamental Study on GGNs/SSNs in the Lung by Measuring of Serial Change with Position Correction.
Naoya Koizumi / Department of Diagnostic Radiology, Niigata Cancer Center Hospital

10:30-11:40 (311+312)

38. Obstetrics/Gynecology 2: Tumor/Miscellaneous
Shinya Fujii

- ★ **178** Prediction of Nondiagnostic Image Quality of 3D T2-weighted MRI of the Uterus with a Short-time Prescan: a Pilot Study.
Takahiro Tsuboyama / Dept. of Radiology, Osaka National Hospital
- 179** Inchworm Sign of Endometrial Cancer on Diffusion-weighted MRI: Radiology-pathology Correlation
Masaya Kawaguchi / Dept. of Radiology, Gifu University School of Medicine
- ★ **180** Diagnostic Value and Pathological Study of ADC Value in Early Cervical Cancer
Qiyun Hu / Radiology Department, Cancer Hospital of China Medical University, Liaoning Cancer Hospital & Institute
- 181** Frequency and Risk Factors of Thoracic Metastases and Optimization of the Use of Cross-sectional Chest Imaging in Follow-up Patients with Cervical Cancer
Kyoko Nakao / Dept. of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University
- ★ **182** Clinical Application of Volumetric CT Spectroscopy in Cervical Cancer
Li Puchen / Dept of Medical Imaging, Cancer Hospital Of China Medical University
- ★ **183** Correlation Analysis between the Parameters of Volumetric CT Energy Spectrum Imaging in the Diagnosis of Cervical Cancer and the Level of Tumor Markers
Li Puchen / Dept of Medical Imaging, Cancer Hospital Of China Medical University
- ★ **184** Study on the Influencing Factors of Volumetric CT Spectroscopy Imaging in the Diagnosis of Cervical Cancer
Li Puchen / Dept of Medical Imaging, Cancer Hospital Of China Medical University

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

39. Hepatobiliary/Pancreas 3: Liver/Miscellaneous
Yoshihiko Fukukura

- 185** Factors Related to Risky Esophago-gastric Varices Requiring Interventions in Patients with Chronic Liver Diseases: Importance of ECV of the Liver as a Predictive Biomarker
Tomonobu Tani / Department of Radiology, Faculty of Medicine, Fukuoka University
- ★ **186** The Correlation between Extracellular Volume Fraction Using Multiphasic Contrast-enhanced Liver Computed Tomography and Serum Tumor Markers in Hepatic Carcinoma
Fengjiao Cui / Radiology, Liaoning Cancer Hospital & Institute
- ★ **187** The Clinical Value of Liver Extracellular Volume Fraction Using Routine Liver CT for The Diagnosis of Liver Tumor Types
Fengjiao Cui / Radiology, Liaoning Cancer Hospital & Institute
- 188** Exhaustive Application of Extracellular Volume Fraction Obtained from Routine CT Data Set to the Upper Abdominal Organs Utilizing Machine Learning: Preliminary Experience
Keisuke Sato / Dept. of Radiology, Fukudai University School of Medicine

- ★ **189** The Feasibility of Dual-energy Computed Tomography (DECT) in Evaluating the Quality of the Isolated Perfused Rat Liver
Qian Ji / Department of Radiology, Tianjin First Central Hospital

- 190** Virtual Monochromatic Image at Lower Energy Level for Assessing Pancreatic Ductal Adenocarcinoma in Fast kV-switching Dual-energy CT
Tetsuro Kaga / Dept. of Radiology, Gifu University

10:40-11:40 (313+314)

40. Hepatobiliary/Pancreas 4: Hepatic tumor
Tomoaki Ichikawa

- 191** Hypervascular Hepatocellular Carcinoma in Patients in Nonalcoholic Steatohepatitis: Differences in Imaging Findings and in Tumor Characteristics
Motonori Akagi / Dept. Radiology, Hiroshima University Graduate School of Biomedical Sciences
- ★ **192** Imaging features of dysplastic nodule, early hepatocellular carcinoma, and small well-differentiated hepatocellular carcinoma correlated with pathological findings
Azusa Kitao / Department of Radiology, Kanazawa University Hospital
- ★ **193** Hepatocellular Carcinoma with Hilar Bile Duct Thrombus Versus Hilar Cholangiocarcinoma on Enhanced CT: A Diagnostic Challenge
Xiaoqi Zhou / The First Affiliated Hospital, Sun Yat-sen University
- 194** Interface Analysis of the Liver and Focal Hepatic Lesions in HBP: A Comparison between Free-breathing Radial and Conventional Breath-hold Acquisition Techniques
Nobuyuki Kawai / Dept. of Radiology, Gifu University
- 195** Detection of Pancreatic Ductal Adenocarcinoma and Liver Metastases: Comparison of Contrast-enhanced MR Imaging with Ga-EOB-DTPA and Extracellular Contrast Materials
Yukiko Takai / Dept. of Radiology, Gifu University School of Medicine
- 196** The Prognostic Value of DOTATOC-PET/CT and FDG-PET/CT in Patients with Liver Metastases of Pancreatic Neuroendocrine Tumors: A Comparison with CE-CT or MRI
Eitaro Kidera / Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine

11:00-11:50 (315)

41. Pediatric 2: CT · MRI · PET Shunsuke Nosaka

- ★ **197** Differences in Clinical Course between Kawasaki Disease with and without Retropharyngeal Low-Density Area Depicted in Neck CT
Kota Watanabe / Dept. of Radiology, Showa University Northern Yokohama Hospital
- 198** Detection Ability of the Pulmonary Nodules on MRI Using Pointwise Encoding Time Reduction with Radial Acquisition (PETRA) in Children
Kumiko Nozawa / Dept. of Radiology, Kanagawa Children's Medical Center
- 199** Fetal MRI Findings in Congenital High Airway Obstruction Syndrome: Comparison with the Normal Fetus
Hidekazu Aoki / Dept. of Radiology, National Center for Child Health and Development

★ : English Presentation

- ★200 Pontine and Cerebellar Atrophy within the First 2 Weeks of Life among Infants Suffering from Pontine and Cerebellar Injury by Neonatal Asphyxia
Katsumi Hayakawa / Dept. of Diagnostic Radiology, Kyoto Red Cross Daiichi Hospital

- 201 MRI Findings of the Scalp in Pachydermoperiostosis
Mikiko Miyasaka / Dept. of Radiology, National Center for Child Health and Development

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

42. Autopsy Imaging Naoya Takahashi

- ★202 Pulmonary Massive Fat Embolism Detected by Post-mortem Imaging: Comparison of CT and MRI
Yohsuke Makino / Dept. of Forensic Medicine, The University of Tokyo

- ★203 Fatal Hemorrhage Complicated with Methamphetamine Poisoning: a Pitfall of Postmortem CT-based Death Investigation
Maiko Yoshida / Chiba University Center for Education Research in Legal Medicine

- 204 Is Intravascular Gas Detected in Organs on Early Postmortem CT Always Related to Cardiopulmonary Resuscitation?

Tomonori Murakami / Dept. of Radiological Science, Nagasaki University Graduate School of Biomedical Sciences

- 205 Infusion Effect of Postmortem Lung CT: Consideration to Keep Lung Weight after Postmortem Enhanced CT -
Hideki Hyodoh / Dept. of Forensic Medicine, Hokkaido University Faculty of Medicine

- 206 Postmortem Enhanced CT (non-chest compression/off-pump method)
Hideki Hyodoh / Dept. of Forensic Medicine, Hokkaido University Faculty of Medicine

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

43. Musculoskeletal 3: Tumor/Miscellaneous Takatoshi Aoki

- ★207 Solitary Long Bone Metastases from Renal Cell Carcinoma Imaging Features
Rui Zhang / Department of Radiology, China Medical University, Liaoning Cancer Hospital

- ★208 Imaging Features of Solitary Plasmacytoma
Rui Zhang / Department of Radiology, China Medical University, Liaoning Cancer Hospital

- 209 Prediction of Neutrophilic Infiltration Due to Peri-prosthetic Infection at the Hip Using Standard Uptake Value of ^{99m}Tc-bone SPECT
Naoya Yama / Dept. of Diagnostic Radiology, Sapporo Medical University

- 210 Bone SPECT/CT in Osteochondromas: Visual Analysis of Tracer Distribution and Intensity
Atsushi Tani / Dept. of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University

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

44. Interventional Radiology Non-vascular Biopsy/drainage Wataru Koda

- ★211 Preoperative CT-guided Color Marking of Small or Impalpable Pulmonary Nodules for Video-assisted Thoracoscopic Surgery
Shota Tanaka / Dept. of Radiology, Shimane University School of Medicine

- 212 Tract Embolization Device for Percutaneous Organ Biopsy: Secondary Experience

Taichi Kurose / Dept. of Diagnostic Radiology, Hiroshima Prefectural Hospital

- 213 C-Arm ConeBeam CT guided Needle Biopsies with Prone Position through the Erector Spinal Muscle for Posterior Thoracic Pulmonary Nodules

Nobuyuki Takeyama / Dept. of Radiology, Showa University Fujigaoka Hospital

- 214 Effectiveness of Combined Use of Cytological and Histological Examination of Outer Cannula Washings in CT-guided Tissue-core Biopsy

Fumiyasu Tsushima / Dept. of Radiology, Hirosaki University School of Medicine

- 215 CT-guided Biopsy for Detection of EGFR T790M Mutation in non-Small Cell Lung Cancer

Miyuki Nakatani / Dept. of Radiology, Kansai Medical University

- 216 Evaluation of sSimultaneous Tandem Drainage of the Abscess Cavity and Gastrointestinal Tract for Intraperitoneal Abscess

Yutaka Ueno / Dept. of Radiology, Kansai Medical University

14:10-14:50 (313+314)

45. Uroradiology 3: Prostat Takeshi Yoshizako

- 217 Analysis of Clinicopathological Characteristics of False-Negative Clinically Significant Prostate Cancers on Prostate Multiparametric MRI

Ayumu Kido / Dept. of Radiology, Division of Diagnostic Radiology, Kawasaki Medical School

- 218 Usefulness of MRI/TRUS Fusion Biopsy (UroNav) as Preoperative Information for Prostate Cancer

Yoshifumi Kuroki / Advanced Imaging Center, Niimura Hospital

- 219 Usefulness of MRI/TRUS Fusion Biopsy (UroNav) in Case of Repeat Biopsy for Prostate Cancer

Nozomi Ohashi / Advanced Imaging Center, Niimura Hospital

- ★220 Glucagon Premeditation Does Not Improve Image Quality in Prostatic MRI

Eriko Yoshizawa / Dept. of Radiology, Shinshu University School of Medicine

13:00-14:00 (315)

46. Radiation Oncology 4: CNS/Head and neck Tatsuyuki Abe

- 221 Examination about 2-isocenter IMRT Method to Spare Spinal Cord Doses Using Lineac Equipped with 5mm width MLC

Toshiki Kawamura / Dept. of Radiology, Nagoya Ekisaikai Hospital

- 222 Peripheral Dose of ≥ 20 Gy for Brain Metastasis is Necessary for Sufficient Local Control Rate in Gamma Knife Radiosurgery

Tomoyuki Noyama / Dept. of Radiology, The University of Tokyo

- 223 Preliminary Results of Postoperative Radiotherapy for pN3b of Squamous Cell Carcinoma of the Head and Neck

Ryuji Mikami / Dept. Radiology, Tokyo Medical University

- 224 Low Dose Postoperative Radiotherapy for Head and Neck Squamous Cell Carcinoma

Wataru Makino / Dept. of Radiology, University of the Ryukyus

- 225 Proton Beam Therapy for Pharyngeal Cancer.

Koichi Yasuda / Dept. of Radiation Oncology, Hokkaido University Hospital

- 226** Intraarterial Chemoradiotherapy for Advanced Squamous Cell Carcinoma of the Nasal Cavity and Paranasal Sinuses: A Single-institution's Experience
Joichi Heianna / *Dept. of Radiology, Graduate School of Medical Science University of the Ryukyus*

14:10-14:50 (315)

47. Radiation Oncology 5: Chest/Gastrointestinal
Tsuyoshi Takanaka

- 227** Phase-1 Trial of Nivolumab Treatment Combined with Stereotactic Body Radiotherapy for Patients with Multiple Metastatic Non-small Cell Lung Cancer (NIVOSTLUC-I)
Kan Marino / *Dept. of Radiology, Yamanashi University School of Medicine*
- 228** Time to Onset of Brachial Plexopathy after Carbon-ion Irradiation for Lung
Akihiro Nomoto / *QST NIRS Hospital*
- 229** Stereotactic Body Radiotherapy for Patients with Liver Tumor: A Single-center Retrospective Study
Yosuke Miki / *Dept. of Radiology, The University of Tokyo Hospital*
- 230** Efficacy of Concurrent Chemoradiotherapy in stage-I Esophageal Cancer
Haruka Jinnouchi / *Dept. of Radiology, University of Tokyo Hospital*