Oral Presentation
Programs
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 Tsakad / Dept. of Radiology, Nagoya University
   ★002 Brain Microstructural Abnormalities in Cirrhotic Patients without Overt Hepatic Encephalopathy: A Voxel-based Diffusion 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
   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 18-F-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
   Tamaoki Otake / 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 Murata / 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
   Makiko 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
   Akinao 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 Multiphasic CT with Forward-projected Model-based Iterative Reconstruction Solution (FIRST) Decreases Contrast Dose and Radiation Dose by 50%
   Haruo 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
   Haruo 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
### PROGRAM

#### April 11 (Thu.) - April 12 (Fri.)

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker/Institution</th>
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| 14:40-15:40 | 5. PACS  
Utility of PACS Alert System: Provide Safety Measures against Lack of Confirmation of the Image-diagnosis Reports  
Hirohito Tajiri / Dept. of Diagnostic Radiology, Ofuna Chuo Hospital | Shuhei Sato |
| 15:00-16:00 | 7. Interventional Radiology 1: CNS/Cryotherapy  
MR-guided Focused Ultrasound Treatment for Medication-refractory Epilepsy: Early Clinical Experience  
Toshiro Yamaguchi / Research Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital | Masaya Miyazaki |
| 15:00-16:00 | 8. Hepatobiliary/Pancreas 2: Liver  
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 | Akihiro Nishie |
| 16:00-17:00 | 9. Nuclear Medicine 2: Miscellaneous  
Is CI Score Effective in Diagnosing Dementia with Lewy Bodies (DLB) Showing Unilateral Occipital Blood Flow Decrease?  
Gaku Honda / Dept. of Radiology, Fukuoka University | Munenobu Nogami |
| 09:00-10:00 | 11. Reports  
Quality by Using the Modified Reading System for Predicting Tumor progression in a Rat Liver Tumor Model: The Second Report  
Akira Yamada / Dept. of Radiology, Shinshu University School of Medicine | Yuka Ono |
| 09:00-10:00 | 11. Annual Meeting of the Japan Radiological Society, Collection of Abstracts |  |

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**★**: English Presentation

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**032**  
MR-guided Focused Ultrasound Treatment for Medication-refractory Epilepsy: Early Clinical Experience  
Toshiro Yamaguchi / Research 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 / Research 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 / Research Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital

**035**  
Iceball Formation in Intersected Position of Two Cryo-probes: 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

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**021**  
Utility of PACS Alert System: Provide Safety Measures against Lack of Confirmation of the Image-diagnosis Reports  
Hirohito Tajiri / Dept. of Diagnostic Radiology, Ofuna Chuo Hospital

**022**  
Improvement in Radiological Reading Efficiency and Quality by Using the Modified Reading System “Image 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  
Takayuki Kushima / Dept. of Radiology, Hyogo Perectural 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

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**027**  
Treatment Results for Cervical Cancer Treated with Definitive Radiotherapy Including MRI-based Image Guided Brachytherapy  
Kenshi 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  
Takeki Kusada / Dept. of Radiology, University of the Ryukyus Hospital

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

**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

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**032**  
MR-guided Focused Ultrasound Treatment for Medication-refractory Epilepsy: Early Clinical Experience  
Toshiro Yamaguchi / Research Institute of Diagnostic Radiology, Shin-Yurigaoka General Hospital

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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

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**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  
Ma Yukai / 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

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**041**  
Is CI-Score Effective in Diagnosing Dementia with Lewy Bodies (DLB) Showing Unilateral Occipital Blood Flow Decrease?  
Gaku Honda / Department of Radiology, Fukuoka University

**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

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**043**  
Complications Requiring Additional Treatments after Percutaneous Cryoablation for Renal Tumors  
Yusuke Nakamura / Dept. of Diagnostic and Interventional Radiology, Tonan Hospital

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**044**  
Quality Evaluation of CT Nonrigid Subtraction Technique in Hepatic Vascular  
Yan Zi / Dept. of Radiology, The First Affiliated Hospital of Sun Yat-Sen University
April 12 (Fri.)

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 3D-FDG-PET/CT Imaging for Differentiating between Benign and Malignant Pulmonary Lesions
Masato Nakajyo / 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
Yukihito Nagatani / Dept. of Radiology, Shiga University of Medical Science

★ 046 One-step Energy Spectral and Perfusion Imaging in Diagnosis of Solitary Pulmonary Nodules
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, Shaoxin 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
Yoshisuki 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
Shiges 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
Wenfeng 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 Yagi / Dept. of Radiology, University of the Ryukyu 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
Dian 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
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<tr>
<td>16:00-17:00 (313+312)</td>
<td>15. Neuroradiology 4: Techniques</td>
<td>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</td>
<td>Kazuhiro Tsujiya / Dept. of Radiology, Saitama Medical Center, Saitama Medical University</td>
</tr>
<tr>
<td>16:00-17:00 (313+312)</td>
<td>15. Neuroradiology 4: Techniques</td>
<td>Deviation of Intracranial Structures between Sitting and Supine Positions Scanned with Upright and Conventional CT</td>
<td>Yoichi Yokoyama / Dept. of Radiology, Keio University School of Medicine</td>
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<tr>
<td>16:00-17:00 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>Usefulness of Color-coded 4D-CTA Detecting Feeding Arteries and Vascularity of Meningiomas: Compared with Digital Subtraction Angiography</td>
<td>Takuya Fujiyama / Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>High-temporal Resolution Dynamic Contrast-Enhanced MRI: Quantitative Comparison of Pituitary Adenoma and Normal Pituitary Gland</td>
<td>Kiyohisa Kikuchi / Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>Pediatric Intracranial Tumor Grading: Comparison of ADC, IVIM, and APT Using Histogram Analysis</td>
<td>Kazufumi Kikuchi / Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>Imaging Quality of Helical Head CT Using Third-Generation CT Machines in Children</td>
<td>Tetsu Niwa / Dept. of Radiology, Tokai University School of Medicine</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Effects of Menstrual Status and Age on Dynamic Contrast-enhanced MR Imaging of Pelvic Bone Marrow in Adult Women</td>
<td>Xiao Miao Zhang / Department of Radiology, Liaoning Cancer Hospital &amp; Clinic, China Medical University</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Impact of Age and Menstrual Status on ADC of Pelvic Bone Marrow in Adult Women</td>
<td>HuTing Pang / Dept. of Radiology, Cancer Hospital of China Medical University</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Assessment of Pelvic Bone Marrow Changes in Patients with Locally Advanced Cervical Cancer After Concurrent Chemoradiotherapy: Diffusion Magnetic Resonance Imaging</td>
<td>YanYan Yu / Department of Radiology, Liaoning Cancer Hospital &amp; Institute</td>
</tr>
<tr>
<td>16:00-17:00 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Assessment of Instability in Patients with Spondylolisthesis or Iatric Spondylolisthesis Using Positional MRI</td>
<td>Pascal Niggemann / Department of Radiology, Diakonissenkrankenhaus Mannheim</td>
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<tr>
<td>16:00-17:00 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Use of Positional MRI in Patients with Lumbar Spinal Canal Stenosis</td>
<td>Pascal Niggemann / Department of Radiology, Diakonissenkrankenhaus Mannheim</td>
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<tr>
<td>15:05-15:55 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>MRI Texture Analysis of Triple Negative Breast Cancer: Association with Survival Outcomes</td>
<td>Saki Kamiya / Dept. of Radiology, Nagoya University Graduate School of Medicine</td>
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<tr>
<td>15:05-15:55 (313+314)</td>
<td>17. Breast 2: Tumor/Miscellaneous</td>
<td>Utility of T1-Weighted Imaging and T2-Weighted Fat Imaging for the Diagnosis of Intramammary Lymph Nodes</td>
<td>Yuka Kikuchi / Dept. of Radiology, Soka Municipal Hospital</td>
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<td>16:00-16:40 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>DWIBS Mammography for Women with Dense Breasts</td>
<td>Takayoshi Uematsu / Dept. of Breast Imaging/Intervention, Shizuoka Cancer Center</td>
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<td>16:00-16:40 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Analysis of Radiation Dosage for Patients with Dense Breast and Phantom Study Using Full Field Digital Mammography</td>
<td>Cao Guo Quan / Dept. of Radiology, The First Affiliated Hospital of Wenzhou Medical University</td>
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<td>16:00-16:40 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Preliminary Application of Artificial Intelligence (AI) Diagnosis of Benign and Malignant Lesions on Mammography</td>
<td>Xiaoling Zhang / First Hospital of Sun Yat-sen University</td>
</tr>
<tr>
<td>16:00-16:40 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>Deep-learning Image Analysis with a Convolutional Neural Network for Distinguishing Between Benign and Malignant Tumor Using Breast Ultrasound</td>
<td>Tomoyuki Fujioka / Dep. of Breast Imaging/Intervention, Dep. of Breast Imaging/Intervention, Dep. of Breast Imaging/Intervention, Nagoya University Graduate School of Medicine</td>
</tr>
<tr>
<td>16:50-17:50 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>MRI Radiomics Machine-learning Approach for Predicting Locoregional Control in Locally Advanced Uterine Cervical Cancer after Definitive Radiotherapy Using Multicenter MRI Data</td>
<td>Akio Takada / Department of Radiology, Chiba University Hospital</td>
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<tr>
<td>16:50-17:50 (313+314)</td>
<td>18. Breast 3: Miscellaneous</td>
<td>A Radiomics Model for Predicting Pelvic Lymph Node Metastasis in Early-stage Cervical Squamous Cell Carcinoma</td>
<td>YanYan Yu / Department of Radiology, Liaoning Cancer Hospital &amp; Clinic</td>
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**Oral Presentation**

**Programs**

April 13 (Sat.)

9:40-10:20 (313+312)

20. **Interventional Radiology 2: Miscellaneous**

Koji Sugimoto

092. The Influence of full PETTICAT TEVAR for aortic dissection on abdominal aortic branches

Akitoshi Shimazaki / Dept. of Radiology, Osaka City University Graduate School of Medicine

093. Transradial Non-Coronary Interventions: Ischaemic Stroke Complications in the Setting: A Single Centre Retrospective Review

Takuro Horikoshi / Dept. of Radiology, Mito General Hospital

094. Early Local Experience of Prostatic Artery Embolization as Treatment of Urinary Retention: A Radiologist's Perspective

Koiku Asakura / Div. of Diagnostic Radiology, Shizuoka Cancer Center

095. Vascular Phantom Study to Depict Submillimeter Small Arteries on Transarterial CT: MDCT Versus Cone-beam CT

Takayuki Watadani / Dept. of Radiology, The University of Tokyo

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

Yasumasa Okuda / Division of Radiology, Mito General Hospital

097. Efficacy of Dynamic Contrast-enhanced MRI in Quantitative Assessment of Benign and Malignant Non-mass Breast Lesions with Microcalcifications

Hidenori 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

Ying 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

Mizuko Asakura / 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

Takayuki 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


Yukihiro Nomura / Dept. of CDPRM, The University of Tokyo Hospital


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

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<td>9:40-10:20 (F205+206)</td>
<td>Nuclear Medicine 3: Cardiovascular</td>
<td>Tadaki Nakahara</td>
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<tr>
<td>11:10-11:50 (315)</td>
<td>Pediatric 1: Miscellaneous</td>
<td>Noriko Aida</td>
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<tr>
<td>11:00-11:40 (F205+206)</td>
<td>Cardiovascular 3: Miscellaneous</td>
<td>Norihiko Yoshimura</td>
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<td>13:30-14:10 (311+312)</td>
<td>Technique/Miscellaneous</td>
<td>Norio Nakata</td>
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<tr>
<td>14:30-15:20 (311+312)</td>
<td>Musculoskeletal 2: Techniques</td>
<td>Taiki Nozaki</td>
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**Program**

- **110**: Application Value of Toshiba 320 Variable mA in Low Dose Screening Physical Examination of Pulmonary Nodules  
  Zheng 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 Heping 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
- **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
- **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 150-HZQ: 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 Matsuzaki Ishikawa
- **121**: Utility of Contrast-enhanced Subtraction MRI for Endoleak Detection after Sac Embolization during or after Endovascular Abdominal Aortic Aneurysm Repair  
  Atsushi Kamiyama / 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  
  Yoshitaka 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 ? An Independent Risk Factor for Coronary Atherosclerosis  
  Pokhraj Prakash Gautam / Department of Radiology and Imaging Science, Sterling Hospitals
- **125**: Artificial Intelligence Using Neural Network Architecture(ANNAR): 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 Hanjo / Dept. of Diagnostic and Interventional Radiology, Osaka City Graduate School of Medicine
- **127**: The Utility of POCUS 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  
  Tatsuya Tsuchikawa / Biomedical Imaging Research Center, University of Fukui
- **129**: Detecting Hip Fractures on Radiography with a Deep Learning System; Initial Clinical Experience Comparing between HLS 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

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The 78th Annual Meeting of the Japan Radiological Society, Collection of Abstracts
### Oral Presentation Programs

#### April 13 (Sat.)

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker/Institution</th>
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<tbody>
<tr>
<td>13:10 - 14:10</td>
<td>315</td>
<td>Interventional Radiology 3: Embolization</td>
<td>Yasufumi Ohuchi</td>
</tr>
<tr>
<td>14:10 - 15:00</td>
<td>313 + 314</td>
<td>Radiation Oncology 2: Uroradiology</td>
<td>Hiromichi Ishiyama</td>
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<tr>
<td>15:10 - 16:00</td>
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★ : English Presentation

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 C2D-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. of 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
Tomohira Katagiri / Dept. of Radiat Oncol, Shizuoka City Shizuoka Hospital

162 Hematopoietic Stem-cell Transplantation with Brain-shielding Total-body Irradiation as Treatment to Adrenoleukodystrophy
Ryousuke 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
Gaoyu Xu / Dept. of Radiology, Beijing Chaoyang Hospital

171 Evaluation of Somatostatin Receptor Scintigraphy Using 111In- pentetreotide
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
Senji 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 / Dept. of Radiology, SUMS

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 Mizutani / Dept. of Radiology, Kanagawa Cardiovascular and Respiratory Center

177 Fundamental Study on GGNs/SSNs in the Lung by Measuring of Serial Change with Position Correction.
Natsuki 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 Tsuiboyma / 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
Qiyan Hu / Radiology Department, Cancer Hospital of China Medical University, Liuyang 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

Yoshikiko Fukukura

185 Factors Related to Risky Esophageal 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, Fukukusa 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
Motomori 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 VersusHilar Cholangiocarcinoma on Enhanced CT: A Diagnostic Challenge
Xiaojq 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
April 14 (Sun.)

★ : 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 Miyazaki / 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  
Yoshizuka Makoto / 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 - Hidede Hyodo / Dept. of Forensic Medicine, Hokkaido University Faculty of Medicine

206 Postmortem Enhanced CT (non-chest compression/ off-pump method)  
Hidede Hyodo / 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 99mTc-bone SPECT  
Nanaya 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 Tsuchima / Dept. of Radiology, Hiroaki 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 Simultaneous 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 Kidō / 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 Premeidation Does Not Improve Image Quality in Prostatic MRI  
Eiko 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 Linear Equipment with 5mm width MLC  
Toshiki Kawamura / Dept. of Radiology, Nagoya Eksaikai 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  
Ayumu Kido / Dept. of Radiology, Kawasaki Medical School

224 Low Dose Postoperative Radiotherapy for Head and Neck Squamous Cell Carcinoma  
Wataru Koda / Dept. of Radiology, University of the Ryukyu

225 Proton Beam Therapy for Pharyngeal Cancer.  
Koichi Yasuda / Dept. of Radiation Oncology, Hokkaido University Hospital

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The 78th Annual Meeting of the Japan Radiological Society, Collection of Abstracts
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 Ryukus

14:10 - 14:50 (315)
47. Radiation Oncology 5: Chest/Gastrointestinal
Tsuyoshi Takanaka

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

Time to Onset of Brachial Plexopathy after Carbon-ion Irradiation for Lung
Akihiro Nomoto / QST NIRS Hospital

Stereotactic Body Radiotherapy for Patients with Liver Tumor: A Single-center Retrospective Study
Yosuke Miki / Dept. of Radiology, The University of Tokyo Hospital

Efficacy of Concurrent Chemoradiotherapy in stage-I Esophageal Cancer
Haruka Jinnouchi / Dept. of Radiology, University of Tokyo Hospital