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 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 Diagnositic Imaging and Nuclear Medicine, Kyoto University*

007 The value of ^{18}F-FDG PET (/CT) in the assessment of patients with post-transplant lymphproliferative 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 Radiolody, 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%
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 Medicene*

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

PROGRAM

★ : English Presentation

14:40-15:40 (311+312)
5. PACS　　　　　　　　　　　　Shuhei 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 Perfectural 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 Radiaion 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 ^{18}F-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

PROGRAM

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

WITHDRAWN

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

WITHDRAWN

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

Yukihiro 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

PROGRAM

★**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 Ambiguious 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*

17:10-18:20 (311+312)
30. Radiation Oncology 2: Uroradiology
Hiromichi Ishiyama

★**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*

★**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*

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 Urosurgeon 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*

PROGRAM

★ : English Presentation

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 Mdical 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 ^{111}in- 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/Miscella-
neous** 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 Medi-
cal 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 Unversity*

★**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 Unversity*

★**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 Unversity*

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 ChronicLiver
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 VersusHilar Cholangiocarcinoma on
Ehanced 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 Medi-
cine, 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 Med-
ical 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 99mTc-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 Bioop-sy/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 Daignostic 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 Premedication 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 Universiry of Tokyo Hospital*

230 Efficacy of Concurrent Chemoradiotherapy in stage-I
Esophageal Cancer

Haruka Jinnouchi / *Dept. of Radiology, University of Tokyo
Hospital*