Oral Presentation Programs

April 12（Thu.）

15:40-16:30（302）

1. Obstetrics/Gynecology 1　　Shinya Fujii

001　Evaluating Myometrial Invasion of Endometrial Cancer Patients with Reduced Field-of-view Diffusion-weighted Imaging
Akira Akutsu / *Dept. of Radiology, Chiba University Hospital*

002　Diffusion-Tensor Imaging of the Uterus and Endometrial Carcinoma: Comparison with Immunohistochemical Findings
Ichiro Yamada / *Dept. of Diagnostic Radiology and Nuclear Medicine, Graduate School, Tokyo Medical and Dental University*

003　Dynamic Contrast-enhanced MR Imaging Using Fatsat-DISCO for the Evaluation of the Female Pelvis and Vascular Anatomy
Kenshi Kawamura / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

004　The Relationship between Preoperative Magnetic Resonance Imaging Findings and Uterine Fibroid Reduction after Uterine Artery Embolization
Hiroshi Shimizu / *Dept. of Radiology, Kansai Medical University*

005　The Influence Factors of Perfusion Data of Whole Uterus Volume CT Perfusion in the Patients with Cervical Squamous Carcinoma
Ruitong Dong / *Department of Radiology, Cancer Hospital of China Medical University*

15:40-16:30（303）

2. Head and neck 1: Tumor　　Masayuki Maeda

006　MR Imaging of Orbital Solitary Fibrous Tumor: Radiologic-pathologic Correlation
Ryuhei Masuno / *Dept. of Radiology, Tokyo Medical University*

007　Imaging Findings of Primary IgG4-related Cervical Lymphadenopathy
Masaya Kawaguchi / *Dept. of Radiology, Gifu University School of Medicine*

008　Usefulness of Dual-layer CT in Follow-up Examinations: Differentiation between Posttreatment Changes and Recurrent Squamous Cell Carcinomas in Head and Neck
Koji Takumi / *Department of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

009　The Value of Dynamic Monitoring of Thyroglobulin Doubling Time in Differentiated Thyroid Carcinoma
Xieyi Zhang / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University*

010　CT Characteristics of Eosinophilic Lymphoid Granuloma in the Neck and Maxillofacial
Peng Gao / *Department of Imaging, the Central Hospital of Luoyang, Henan, China*

15:30-16:30（304）

3. Chest 1: Lung cancer　　Hiroaki Arakawa

011　The Chest HRCT and CE-CT Findings of the Peripheral Squamous Cell Carcinoma with Pathological Correlation
Nobukata Kazawa / *Dept. of Radiology, Nagoya City University School of Medicine*

012　Prognosis Evaluation in Clinical Stage I Lung Cancer Based on the 8th Version of the Union for International Cancer Control
Shingo Iwano / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

013　Three-dimensional Volumetry of Solid Component in Subsolid Lung Cancer on Multi-detector CT Predicts the Prognosis
Shinichiro Kamiya / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

014　HRCT Texture Analysis for Ground-glass Nodules: Distinguishability of Adenocarcinoma in Situ or Minimally Invasive Adenocarcinoma from Invasive Adenocarcinoma
Yamazaki Motohiko / *Dept. of Radiology, Niigata University Medical and Dental Hospital*

015　Machine Learning Based on Texture Analysis with Spectral CT Imaging to Distinguish Moderate/Poor- and Well Differentiate Adenocarcinoma of the Lung
Takeshi Nakaura / *Department of Radiology, Kumamoto University*

016　Optimal Protocol for Evaluation of Dual-input Perfusion in Lung Cancer
Ying Zhang / *Department of Radiology; Renji Hospital, School of Medicine, Shanghai Jiaotong University*

April 13（Fri.）

10:20-10:50（304）

4. Obstetrics/Gynecology 2　　Junko Takahama

017　Postmenopausal Uterine Peristalsis Assessed by Cine MR Imaging
Miho Yamakawa / *Dept. of Diagnostic Imaging, Osaka General Medical Center*

018　Variation of Signal Intensity on Diffusion-Weighted Image of Uterine Adenomyosis: Comparison with Uterine Malignancies
Ryo Yajima / *Dept. of Diagnostic Radiology, Kyoto University*

019　Evaluation of Therapeutic Response to Radical Chemotherapy and Radiation Therapy in Patients with Cervical Cancer Using Volume CT Perfusion
Ruitong Dong / *Department of Radiology, Cancer Hospital of China Medical University*

11:00-11:50（304）

5. Breast 1: Imaging Technique　　Mitsuhiro Tozaki

020　'T2-Hyper Rim' and 'Delayed Rim' Signs in Breast Carcinoma: Subtype Discrimination
Roka Namoto Matsubayashi / *Breast Care Center, Kyushu Medical Center*

PROGRAM

021 Comparison of Qualitative and Quantitative Assessment in Differentiating Benign from Malignant Breast Solid Masses with US Elastography
Tomouyuki Fujioka / *Diagnostic Radiology, Tokyo Medical and Dental University*

022 Evaluation of DW-MRI and 18FFDGPET for Early Prediction of Triple Negative Breast Cancer Response to Paclitaxel Treatment in Mouse Model
Huong Nguyen Thu / *Department of Diagnostic Imaging and Nuclear Medicine, Gunma university*

023 Ultrafast and High Spatial DCE-MRI with CAIPIRINHA-Dixon-TWIST-VIBE Technique for Breast Lesions: Quantitative Analysis of Pharmacokinetics Parameters
Tao Ai / *Department of Radiology, Tongji Hospital, Tongji Medical College of HUST*

024 Influence of Temporal Resolution on the Pharmacokinetic Analysis for Breast Lesions: Based on CAIPIRINHA-Dixon-TWIST-VIBE Technique
Tao Ai / *Department of Radiology, Tongji Hospital, Tongji Medical College of HUST*

9:50-10:50 （311+312）
6. Cardiovascular 1: Great vessel
Ichiro Sakamoto

025 Chronological CT Imaging Changes of Ulcer-like Projections in Aortic Dissection
Kotomi Iwata / *Dept. of Radiology, Nippon Medical School*

026 Effect of Hypertension on the Distensibility of Ascending Aorta, Descending Aorta and Pulmonary Artery Using 640 Slice-Volume CT
Dawei Wang / *The First Affiliated Hospital of Hebei North University*

027 Clinical Application of Whole Aorta and Coronary CT Angiography Combined with Low Radiation Dose, Low Contrast Medium Dose Protocol
Yu Feng / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*

028 Analysis of Elasticity Characteristics of Ascending Aorta, Descending Aorta and Pulmonary Artery Using 640 Slice-volume CT
Fei Yang / *Department of Medical Imaging,The First Affiliated Hospital of Hebei North University*

029 Analysis of Distensibility Characteristics of Left Anterior Descending Branch, Ascending Aorta, Descending Aorta and Pulmonary Artery Using 640 Slice-Volume CT
Fei Yang / *Department of Medical Imaging, The First Affiliated Hospital of Hebei North University*

030 Application of Prospective ECG-gated 640-slice CT Angiography of the Whole Aorta and Coronary Arteries in Stanford a Aortic Dissection
Zhenping Xiao / *Department of Radiology, General Hospital of Anshan Iron & Steel Group*

11:00-11:50 （311+312）
7. Cardiovascular 2: Coronary/Imaging technique
Kei Takase

031 The Effect of Heart Rate on Image Quality in Subtraction Coronary CT Angiography
Masafumi Kidoh / *Dept. of Radiology, Kumamoto University*

032 A Feasibility Study on Performing Coronary Artery CT Angiography by Increasing Cardiac Preload at Specific Heart Rate Interval
Weijia Wan / *Department of Radiology, Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology*

033 The Clinical Value of Prospective ECG-triggered Dual-source CT Coronary Angiography for Children with Coronary Artery Lesion Due to Kawasaki Disease
Mingqing Kou / *Department of Medical Image, Shaanxi Provincial People's Hospital*

034 Withdrawn

035 The Effect of Bolus Tracking ROI Position within the Descending Aorta on Luminal Enhancement of the Coronary Arteries in CCTA
Ryo Kurokawa / *Department of Radiology, Graduate School of Medicine, The University of Tokyo*

9:10-10:10 （313+314）
8. Artificial intelligence
Hiroshi Kondoh

036 Artificial Intelligence Using Neural Network Architecture for Radiology （AINNAR）: Competition of Classifiers in Detection of Metastasis on Head MRI
Tomoyuki Noguchi / *Dept. of Radiology, NCGM*

037 Development and Validation of Deep Learning Algorithms for Diagnosing Breast Cancers in Mammograms
Daiju Ueda / *Dept. Radiology, Osaka City University Graduate School of Medicine*

038 Development and Validation of Deep Learning Algorithms for Detecting Cerebral Aneurysms in MRA
Daiju Ueda / *Dept. Radiology, Osaka City University Graduate School of Medicine*

039 Artificial Intelligence Using Neural Network Architecture for Radiology （AINNAR）: Classification of Head MR Imagings
Daichi Higa / *Dept. of Radiology, NCGM*

040 Artificial Intelligence Using Neural Network Architecture for Radiology （AINNAR）: Competition of Classifiers in Classification of Computed Radiography
Yusuke Kawata / *Dept. of Radiology*

041 Three-dimensional Convolutional Neural Network for Detection of Traumatic Subarachnoid Hemorrhage on Non-contrast-enhanced Head CT Image
Takafumi Nemoto / *Dept. of Radiology, Keio University School of Medicine*

10:20-11:10 （313+314）
9. IT/Education/Miscellaneous
Naoki Mihara

042 Evaluation of EPRs Sharing System Using the Cloud Technologies as a next Generation PACS for Radiologists
Hiroshi Kondoh / *Div. Medical Informatics, Tottori University Hospital*

043 Improvement of Resident Education and Clinical Contribution by Modified Reading System Introducing "Triage Reader"
Yukinori Okajima / *Dept. of Radiology, Shinshu Univ. School of Medicine*

044 Improvement of Reading Efficiency by Modified Reading System "Triage Reader": Rearrangement of Workload Balance between Full- and Part-time Radiologists

Akira Yamada / *Dept. of Radiology, Shinshu Univ. School of Medicine*

045 Profit and Loss Statement for CT and MRI Examinations in the Radiology Department at the Hospital

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

046 Item Response Theory in Radiology For "Post P<0.05 Era"

Mizuho Nishio / *Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*

9:50-10:40（315）
10. Abdomen 1: Abdominal disease/Imaging technique　　　　Akihiro Nishie

047 Fat Suppressed Using Adiabatic Pulse 3D-T1WI with Combination of Parallel Imaging and Compressed Sensing on a Wide-bore 3T Unit

Motoyuki Katayama / *Dept. of Radiology, Seirei Hamamtsu General Hospital*

048 Gadoxetic Acid-enhanced Dynamic MRI Using Combined Parallel Imaging and Compressed Sensing Reconstruction Compared with Conventional Methods

Nobuyuki Kawai / *Dept. of Radiology, Gifu University School of Medicine*

049 Optimal Window Setting in Dual-energy Monochromatic CT of the Abdomen

Yoshifumi Noda / *Department of Radiology, Gifu University*

050 Abdominal Complications Following Hematopoietic Stem Cell Transplantation – The Role of Imaging

Diana Foyedo Soares / *Department of Radiology, IPO-Porto*

051 Relative Electron Density Derived from Dual Energy CT in Abdominal Biphasic Enhanced Scanning

Lu Li / *Department of Radiology, China-Japan Friendship Hospital*

10:50-11:40（315）
11. Abdomen 2: Gastrointestinal　　　Yukihisa Saida

052 Factors Associated with Spicular Projections of Colon Cancer on Computed Tomography Colonography

Tsuyoshi Morimoto / *Dept, Radiology, St. Marianna University School of Medicine, Yokohama City Seibu Hospital*

053 Pseudo Continuous Arterial Spin Labeling Perfusion MRI of Rectal Cancer: Utility in Predicting Response to Neoadjuvant Chemotherapy

Yuichi Kumagae / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

054 Gastric Adenocarcinoma Mimicking Hilar Cholangiocarcinoma in a 4-Year-Old Girl

Wensri Sevni Kurniawati / *Department of Radiology, University of Hasanuddin*

055 Magnetization Transfer MRI Can Characterize the Degree of Intestinal Fibrosis in Patients with Crohn's Disease

Xuehua Li / *Department of Radiology, The First Affiliated Hospital of Sun Yat-Sen University*

056 Evaluation of Dual-Energy CT in Differentiating Metastatic from Non-metastatic Lymph Nodes in Primary Colorectal Cancer

Xiangran Cai / *Department of Radiology, Jinan university*

16:20-17:20（304）
12. Abdomen 3: Liver disease　　　Katsuyoshi Ito

057 Radiological Estimation of the Liver Fibrosis with a Routine CT Examination Based on Non-rigid Registration Technique

Akihiro Nishie / *Department of Clinical Radiology, Kyushu University*

058 Intraindividual Comparison of Double Arterial-phases Using Compressed Sensing Reconstruction with Conventional Single Arterial-phase for Gadoxetic Acid Liver MR Imaging

Masataka Nakagawa / *Dept. of Radiology, Kumamoto University School of Medicine*

059 Quantitative Analysis of Liver Functional Reserve Using Gd-EOB-DTPA MR Imaging

Manduul Enkhjargal / *Department of Diagnostic Radiology and Nuclear Medicine, University of Gunma*

060 Correlation Study between Transient Hepatic Attenuation Differences in Left Hepatic Lobe and Hepatic Artery Variation by MSCT

Huanjun Wang / *Department of Radiology, First Affiliated Hospital of Sun Yat-Sen University*

061 Inttial Study of One-Step Perfusion and Contrast-Enhanced CT Scan in Liver: Feasibility and Optimization

Peijie Lu / *Department of Radiology, The First Affiliated Hospital of Zhengzhou University*

062 Evaluation of Hepatic Warm Ischemia-reperfusion Injury in Rabbit Models: CT Perfusion Study

Qian Ji / *Department of Radiology, Tianjin First Central Hospital, Tianjin, China*

16:20-17:30（311＋312）
13. Cardiovascular 3: Heart　　　Kakuya Kitagawa

063 Quantitative Evaluation of Ischemic Myocardium Using Dynamic CT: Comparison with 150-H2O PET

Chietsugu Katoh / *Faculty of Health Sciences, Hokkaido University*

064 Accuracy and Usefulness of CT Quantification of Myocardial Blood Flow: Comparison with ^{15}O-water Positron Emission Tomography

Masafumi Takafuji / *Dept. of Radiology, Mie University Hospital*

065 Dynamic Computed Tomography Myocardial Perfusion: Comparison of Prognostic Significance of Absolute Value and Relative Value in Myocardial Blood Flow

Satoshi Nakamura / *Dept. of Radiology, Mie University Hospital*

066 Left and Right Ventricular Normal Flow Patterns and Their Energy Dynamics with 4D Flow MRI

Kousuke Nakaji / *Dept. of Radiology, Kyoto Prefectural University of Medicine*

067 The Meaning of Unenhanced Left Ventricular Wall in Non-ECG-gated Enhanced CT.; Is Our Diagnosis of "Myocardial Infarction" of Service?

Eiji Sugihara / *Dept. of Diagnostic imaging, Osaka General Medical Center*

068 Diagnostic Probing for Left Auricle Thrombus and Pre-thrombus Status through Low Dosage Dual-phase Cardiological Scanning

Hubing Duan / *Department of Radioactivity, People's Hospital of Inner Mongolia, China*

069 One-stop Stress Dynamic Myocardial CT Perfusion: Comparison with Conventional Invasive Coronary Angiography and Fractional Flow Reserve

Yan Yi / *Department of Radiology, Peking Union Medical College Hospital, Peking Union Medical College*

April 14（Sat.）

10:20-11:20（302）
14. Chest 2: Diffuse lung disease   Takeshi Johkoh

070 Continuous Measurement of the Bronchial Dimensions at 2^{Nd}-6^{Th} Generations and Lung Density on Four-dimensional Dynamic-ventilation CT in COPD and Non-smokers

Shigetaka Sato / *Dept. of Radiology, Shiga University of Medical Science*

071 Diaphragmatic Motion Analysis during Forced Breathing Using Dynamic Chest Radiography: Comparison between COPD Patients and Normal Subjects

Tomoyuki Hida / *Dept. of Radiology, Brigham and Women's Hospital, Harvard Medical School*

072 HRCT Features of Interstitial Lung Disease Patinets with Antisynthetase Syndrome

Atsushi Yoshida / *Dept. of Radiology, Tenri Hospital*

073 3D Polka-dot Sign on 3D Images of Low-attenuation Area Extracted from Chest CT Can Indicate Lymphangiomyomatosis

Akitoshi Saito / *Dept of Radiology, Yamanashi Prefectual Central Hospital*

074 CT Findings of Arc-Welders' Pneumoconiosis: Comparioson with Silicosis

Masashi Takahashi / *Dept. of Radiology, Yujin-Yamazaki Hospital*

075 Relationship between CT Activity Score with Lung Function and the Serum Angiotensin Converting Enzyme in Pulmonary Sarcoidosis on Chest HRCT

Jianghui Duan / *Department of Radiology, China-Japan Friendship Hospital*

9:50-10:40（304）
15. Head and neck 2: Temporal bone/ Miscellaneous   Keiko Toyoda

076 The Visibility of Microstructures of the Temporal Bone Using Ultra-High Resolution CT

Koji Yamashita / *Department of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University*

077 Usefulness of Ultra-high-resolution CT for Improving Image Quality in Temporal Bone CT

Hisae Shiga / *Dept. of Radiology, Kyorin University Faculty of Medicine*

078 Withdrawn

079 Auditory Pathway and Speech Center and Cochlear Implant Rehabilitation Using DTI

Hanlin Wang / *Department of Radiology, General Hospital of the Yangtze River*

080 The Orbital Right Dose Scanning Technology of 320-row Volume CT

Chongwen Mao / *Second People's Hospital of Yunnan Province*

10:50-11:50（304）
16. Neuroradiology 1: Cervical vessel
Satoshi Terae

081 Prediction of Severe Stenosis of the Proximal Internal Carotid Artery by Cerebral MR Angiography

Masashi Yasuike / *Dept. of Radiology, Kyoto Prefectural University of Medicine*

082 4D Flow MRI Analysis of Cerebral Blood Flow before and after High-flow EC-IC Bypass Surgery for ICA Aneurysm

Erika Orita / *Dept. of Radiology, Nippon Medical School*

083 Quantitative Susceptibility Mapping of Carotid Atherosclerotic Plaque

Yohei Ikebe / *Dept. of Radiology, Nagasaki University Hospital*

084 Type 2 Diabetes Is Related to Inreased Cartotid Plaque Inflammation-A Novel Finding of Dynamic Contrast-enhanced MR Imaging

Beibei Sun / *Department of Radiology, Ren Ji Hospital, School of Medicine, Shanghai Jiao Tong University*

085 Relationship between Clinical Symptoms and Carotid Plaque Composition Evaluated with 320 Detector CT Angiography

Hongliang Sun / *Department of Radiology, China-Japan Friendship Hospital*

086 Association between Hemodynamic Depression during Carotid Angioplasty Stenting and Carotid Artery Plaque Composition Evaluated by 320-detector CT

Yanyan Xu / *Department of Radiology, China-Japan Friendship Hospital*

9:10-9:50（311＋312）
17. Nuclear Medicine 1: Tumor/PET1
Seigo Kinuya

087 Clinical Efficacy of 68Ga-DOTATOC-PET/CT for Detection of Ectopic ACTH-producing Tumors

Yuji Nakamoto / *Dept. of Radiology, Kyoto University Hospital*

088 Quantitative Analysis of a Newly-developed Mobile PET Scanner According to Three Different Layouts of Detectors

Masao Watanabe / *Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University*

089 Heterogeneity of HPV Positive and Negative Oropharyngeal Squamous Cell Carcinoma by FDG PET/CT

Brent J. King / *Department of Radiology, University of Texas Southwestern Medical Center*

090 Synthesis and Evaluation of Tc-99m and Fluorescence Labeled Elastin-Derived Peptide for Multimodal Tumor Imaging in Murine Tumor Model

Dae-Weung Kim / *Department of Nuclear Medicine and Research Unit of Molecular Imaging Agent（RUMIA）, Wonkwang University School of Medicine*

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

18. Nuclear Medicine 2: Tumor/PET2

Makoto Hosono

091 Value of Volumetric Analysis of 18F-FDG-PET/CT for Predicting the Risk of Recurrence in Differentiated Thyroid Cancer after Total Thyroidectomy

Masatoyo Nakajo / *Department of Radiology, Kagoshima Prefectural Oshima Hospital*

092 Evaluation of Various FDG Uptake of Left Ventricular Myocardium in FDG-PET Study

Tatsuya Yoneyama / *Thyroid, Public Central Hospital of Mattou Ishikawa*

093 Positron Emission Tomography (PET) Imaging of Vascular Endothelial Growth Factor (VEGF) with ^{64}Cu-labeled Bevacizumab in Endometriosis Mouse Model

Amartuvshin Tumenjargal / *Department of Diagnostic radiology and Nuclear medicine, Graduate School of Medicine, Gunma University*

094 Iodine 125 Labeling of FABP4 Aids in Exploring Mechanism of Its Clearance from Circulation

Suman Shrestha / *Department of Radiology and Nuclear Medicine, Gunma University*

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

19. Nuclear Medicine 3: Tumors/PET3

Yoshihiro Nishiyama

095 Changes of FDG-PET Parameters after Carbon-ion Radiotherapy in Patients with Pancreatic Cancer

Ryuichi Nishii / *Dept. of Molecular Imaging and Theranostics, NIRS*

096 Influence of Severe Chronic Hyperglycemia for Diagnostic Performance in FDG-PET/CT

Kousuke Kitaguchi / *Dept. Radiology, Kyoto University Graduate School of Medicine*

097 Selected PET Radiomic Features Remain the Same: Clinical Validation with PET/CT & PET/MRI

Tetsuya Tsujikawa / *Biomedical Imaging Research Center, University of Fukui*

098 Quantitative Fluctuation of a New Bayesian Penalized-Likelihood Reconstruction Algorithm in Ga-68 DOTATOC PET/CT

Takayoshi Ishimori / *Dept. of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University*

099 Radiolabeled Peptide for Apoptosis Imaging

Citra R. A. P. Palangka / *Department Diagnostic Radiology and Nuclear Medicine*

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

20. Radiation Oncology 1: Head/Neck

Etsuo Kunieda

100 High Dose Radiation Therapy to High Grade Glioma Did Not Improve Patient Outcome: Retrospective Study

Akihiro Nomoto K / *National Institute of Radiological Sciences Hospital*

101 Prognostic Impact of Local Treatment in Brain Metastases from Gastrointestinal and Hepatobiliary Cancer

Hirotake Saito / *Dept. of Radiology and Radiation Oncology, Niigata Univ. Graduate School of Medical and Dental Sciences*

102 Initial Experiences of Single-isocenter Volumetric Radiosurgery for Patients with Multiple Brain Metastases

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

103 A Retrospective Study of 3D-CRT/IMRT and Concomitant Intra-arterial Chemotherapy for Maxillary Sinus Carcinoma

Jun Hashiba / *Dept. of Radiology, Chiba University Hospital*

104 Intra-arterial Chemotherapy (IACT) Combined with Radiotherapy for Locally Advanced Tongue Cancer; Using a New Device: ECAS (External Carotid Arterial Sheath)

Miwako Nomura / *Dept. of Radiation Oncology, Ise Red Cross Hospital*

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

21. Radiation Oncology 2: Chest Takashi Uno

105 A Phase I Clinical Trial of Proton Beam Therapy for Patients with Early Breast Cancer

Takeshi Arimura / *Medipolis Proton Therapy and Research Center*

106 A Phase III Study of Durvalumab in Patients with Stage III, Locally Advanced, Unresectable NSCLC: PACIFIC

Takayasu Kurata / *Dept. of Respiratory Oncology , Kansai Medical University Hospital*

107 Reticular Shadow Could Be Correlated with Risk of Radiation Pneumonitis after Radiation Therapy of Lung Cancer

Hideaki Miyazaki / *Dept. of Radiology, Juntendo University School of Medicine*

108 Respiratory Signal Prediction during Respiratory-gated Radiotherapy

Hisashi Johno / *Dept. of Radiology, Univ. of Yamanashi*

109 Evaluation of Positional Differences between Bone-Matching and Fiducial-Marker-Matching in Target Localization of Expiratory Breath-Hold Radiation Therapy for Pancreatic Cancer

Ryo Ashida / *Dept. of Radiation Oncology and Image-applied Therapy, Kyoto University Graduate School of Medicine*

110 Comparison of Radiation Dermatitis between Hypofractionated and Conventional Fractionation Post-operative Radiotherapy in Patients with Breast Cancer

Hideya Yamazaki / *Department of Radiology, Kyoto Pref. Medical School*

9:10-10:00 (315)

22. Interventional Radiology 1: Artery/Vein

Osamu Ikeda

111 In-stent Restenosis Evaluation Using an Ultra-high Resolution CT Scanner with 160-detector Rows of 0.25-mm Section Thickness: A Phantom Study

Hiromitsu Onishi / *Dept. of Radiology, Osaka University Graduate School of Medicine*

112 Efficacy of Preoperative Planning for TEVAR Based on the Greater Curvature Measurement Using Virtual Stentgraft Image

Shinichi Iwakoshi / *Dept. of Radiology, Nara Medical University*

113 The Patency after Vascular Access Intervention Therapy (VAIVT) Using Carbon Dioxide Digital Subtraction Angiography (CO2-DSA) in Hemodialysis Patients

Yutaro Tasaki / *Department of Radiology, Nagasaki University Hospital*

114 Evaluation of Removal of Central Venous Port System

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

115 Key to Success with IVC Filter Removal

Georgia Priona / *Department of Radiology, Royal Victoria Infirmary*

10:10-11:10 (315)

23. Interventional Radiology 2: Embolization/ Puncture Sojiro Morita

116 Outcomes of Transcatheter Arterial Embolization for Controlling Acute Extraperitoneal Hemorrhage

Mitsuteru Tsuchiya / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

117 The Relationship between Gelatin Sponge Preparation Methods and the Incidence of Intrauterine Synechia Following Uterine Artery Embolization for Postpartum Hemorrhage

Atsushi Saiga / *Dept. of Radiology, Chiba University Hospital*

118 Clinical Results of Transarterial Embolization for Spontaneous Intramuscular Hematomas

Yasuyuki Ono / *Dept. of Radiology, Kansai Medical University*

119 Evaluation of CT-guided Percutaneous Drainage for Postsurgical Abscess Following Lower Gastrointestinal Tract Surgery

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

120 Clinical Significance of Prophylactic Embolotherapy of Lower Gastrointestinal Bleeding in Left Ventricular Assist Device Recipients

Shihong Li / *Department of Radiology, University of Iowa*

121 Comparison of Percutaneous Co-axial Cutting Needle and Fine Needle Aspiration Techniques in CT-guided Lung Biopsy

Haibo Zhang / *Department of Radiology, China-Japan Friendship Hospital*

14:10-15:10 (301)

24. Uroradiology 1: Vessel/Urinary tract

Takuji Araki

122 Dynamic Contrast MR Imaging of Renal Vasculature Using Fatsat-DISCO with Simultaneous Injection of Gadobutrol and Saline

Takahiro Yamada / *Dept. of Radiology, Seirei Hamamatsu General Hospital*

123 Determination of Glomerular Filtration Rate from Fractional Renal Accumulation of Iodinated Contrast Material: A Technique Development and Validation Study

Ning Wu / *Department of Radiology, the 309th Hospital of Chinese People's Liberation Army*

124 Single-kidney Glomerular Filtration Rate (GFR): Measurement from the Combination of Computed Tomography (CT) and Serum Creatinine (SCr)

Tingting Ma / *Department of Radiology, the 309th Hospital of Chinese People's Liberation Army*

125 Hollowed Adrenal Gland Sign in Patients of Septic Shock: Prevalence, CT Appearance and Consequence

Jian Guan / *Department of Radiology, First Affiliated Hospital of Sun Yat-Sen University*

126 Withdrawn

127 Multiple-phase CT Volume-rendered Reconstruction and Image Fusion for Displaying Pelvic Vas Deferens and Adjacent Structure: Preliminary Study

Huanjun Wang / *Department of Radiology, First Affiliated Hospital of Sun Yat-Sen University*

15:20-16:20 (301)

25. Uroradiology 2: Tumor Yasuyuki Yamashita

128 Review of Radiological Size Classifications of Renal Cell Carcinoma: Are New Grading Criteria Required?

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

129 Assessment of Tumor Detection and Aggressiveness of Prostate Cancer: Evaluating with the Pharmacokinetic Parameters Derived from Dynamic Contrast-enhanced MR Imaging

Akira Yamamoto / *Dept. of Radiology, Kawasaki Medical School*

130 Measurement on 3D-FSE-T2WI Is Useful to Predict Early Recovery of Continence after Radical Prostatectomy in Patients with Prostate Carcinoma

Tatsuya Shimizu / *Department of Radiology, University of Yamanashi*

131 Utility of Whole-Lesion Apparent Diffusion Coefficient Analysis for Predicting Outcomes of Patients with Prostate Cancer on Active Surveillance

Tsutomu Tamada / *Dept. of Radiology, Kawasaki Medical School*

132 Withdrawn

133 Differentiation between Small Clear Cell Renal Cell Carcinoma and Renal Oncocytoma Using Texture Analysis with CT

Haibo Zhang / *Department of Radiology, China-Japan Friendship Hospital*

14:10-15:10 (303)

26. Abdomen 4: GB/Biliary tract Kazuhiko Ueda

134 Influence of Cholecystectomy on the Flow of Bile in the Bile Duct: Assessment by Cine-dynamic MRCP with Spatially-selective IR Pulse

Hidemitsu Sotozono / *Dept. of Radiology, Kawasaki Medical School*

135 CT Findings of Ceftriaxone Associated Pseudolithiasis

Rika Yoshida / *Dept. of Radiology, Shimane University, Faculty of Medicine*

136 Magnetic Resonance Cholangiopancreatography with Combined Parallel Imaging and Compressed Sensing Reconstruction Compared with Conventional MRCP

Shoma Nagata / *Dept. of Radiology, Gifu university, School of Medicine*

137 Gradient and Spin Echo Technique in MRCP: Comparison of Image Quality and Image Acquisition Time with Conventional 3D TSE Sequence

Morikatsu Yoshida / *Dept. of Radiology, Amakusa Medical Center*

138 Evaluation of Influence of Oral Ingestion in Flow Dynamics of Bile with Cine Dynamic MRCP and Spatially Selective IR Pulse

Takeshi Fukunaga / *Department of Radiology, Kawasaki Medical School*

139 Withdrawn

15:20-16:00（303）
27. Abdomen 5: Pancreas/Spleen

Satoshi Goshima

140 Radiological Findings and Risk Factors of the Hepatic Infarctions after Pancreatoduodenectomy

Daisuke Shindo / *Dept. of Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine*

141 Extracellular Volume Fraction of the Pancreas Is Elevated in Patients with Chronic Hepatitis C: Preliminary Data

Keiko Sakamoto / *Dept. of Radology, Fukuoka University*

142 A Clinical Study of CT Perfusion Imaging of Microcirculatory Changes in Acute Pancreatitis

Xiao long Chen / *Department of CT, Shaanxi Provincial People's Hospital*

143 Management of Splenic Trauma over 5 Years at a UK Major Trauma Centre（MTC）

James Y Graham / *Department of Radiology, Royal Victoria Infirmary, Newcastle, UK, NE1 4LP*

14:10-15:20（304）
28. Musculoskeletal   Hajime Fujimoto

144 Quantitative Analysis of Metacarpophalangeal Joint Space Volume in Rheumatoid Arthritis on HR-pQCT Imaging

Nozomi Oki / *Department of Radiological Sciences , Nagasaki University Graduate School of Biomedical Sciences*

145 To Evaluate Radiographic Changes of Pre- and Post-CIRT: Which Parameter Is Useful to for Evaluating Post-CIRT Patient Prognosis

Wataru Anno / *Dept. of Diagnostic and Interventional Radiology, Kanagawa Cancer Center*

146 Ectopic Gas in the Fibular Graft after Anterior Cervical Corpectomy and Fusion（ACCF）

Asae Nozawa / *Dept. of Radiology, Gifu University School of Medicine*

147 Anatomical Evaluation on CT for Bone Marrow Aspiration and Biopsy

Ikumi Igarashi / *Dept. of Radiology, Shizuoka Medical Center*

148 Study of Scanning Methods on the Effects of SEMAR to Reduce Beam Artifact Caused by Hip Prosthesis

Liu Yang / *Tianjin First Center Hospital*

149 Initial Study of SEMAR Technology: Reduction of Metal Artifacts of Pelvic CT in Patients with Hip Prosthesis

Jing Yu / *Department of Radiology, Tianjin First Center Hospital*

150 The Value of a New Single Energy Metal Artifact Reduction Algorithm in Post-surgery Follow-up of Patients with Hip Tumor Prostheses

Lei Ding / *Department of Radiology, the First Affiliated Hospital of Sun Yat-sen University*

13:00-14:10（311＋312）
29. Chest 3: Lung blood flow/Anatomy

Shuichi Ono

151 Evaluation of the Branching Pattern of the Left Upper Pulmonary Veins Using Thin-section CT and Three-dimensional CT

Makiko Murota / *Dept. of Radiology, Faculty of Medicine, Kagawa University*

152 Evaluation of the Branching Pattern of the Left Lower Pulmonary Veins Using Thin-section CT and Three-dimensional CT

Mariko Ishimura / *Dept. of Radiology, Faculty of Medicine, Kagawa University*

153 Quantitative CT Evaluation of Small Pulmonary Vessels in Patients with Acute Pulmonary Embolism

Shoichiro Matsushita / *Dept. of Radiology, St. Marianna University School of Medicine*

154 The Clinical Value of 4D Flow for Estimating mPAP in CTEPH Patients

Shigeo Okuda / *Dept. of Radiology, Keio University School of Medicine*

155 Utility of Single-energy Metal Artifact Reduction（SEMAR）on Helical Lung Computed-tomography in Patients with Pulmonary Arteriovenous Malformation after Coil Embolization

Yudai Asano / *Dept. of Radiology, Okayama University Hospital*

156 Comparison of Spectral CT and Conventional CT in Bronchial Artery Imaging Quality

Zhi Y. Zhou / *Department of Radiology, The Fourth Hospital of Harbin Medical University*

157 320-row Volume CT Pulmonary Angiography Using Double Low Technique in the Diagnosis of Pulmonary Embolism: A Preliminary Study

Xiao J. Fu / *Department of Radiology, Harbin Medical University*

14:20-15:20（311＋312）
30. Chest 4: Image analysis   Shin Matsuoka

158 Efficiency of Lung Volume Measurements Using CT Auto-segmentation Technique in Acute Respiratory Distress Syndrome（ARDS）

Akira Nishiyama / *Diagnostic Radiology and Radiation Oncology, Graduate School of Medicine, Chiba University*

159 Continuous Measurement of Main Bronchial Dimensions and Mean Density in Upside and Downside Lung on Dynamic-Ventilation CT at Lateral Position

Yukihiro Nagatani / *Dept. of Radiology, Shiga University of Medical Science*

160 3D Computer-Aided Diagnosis System on Thin-Section CT: Quantitative Assessment of Disease Severity and Therapeutic Response in Patients with Polymyositis/ Dermatomyositis

Yoshiharu Ohno / *Dept. of Radiology, Kobe University Graduate School of Medicine*

161 Computer-based Computed Tomography Analysis for Detecting Interstitial Lung Disease; A Prospective Study

Shota Takehara / *Kanagawa Cardiovascular and Respiratory Center*

162 Quantitative Analysis Using Paired Inspiratory and Expiratory CT for Differentiating Cystic Lung Diseases

Kazuhiro Suzuki / *Dept. of Radiology, Juntendo Univ*

163 The Radiomics Prognostic Score (RadScore): The New Prognostic Imaging Biomarker after Stereotactic Body Radiation Therapy in Patients with Lung Cancer

Suguru Wakana / *Post graduate clinical traning center, Univ. of Yamanashi*

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

31. Neuroradiology 2: Imaging technique

Yukio Miki

164 Deviation of Intracranial Structures Depending on the Posture: Evaluation in Healthy Population Using a 320-detector Row Upright CT

Yoichi Yokoyama / *Department of Diagnostic Radiology, Keio University School of Medicine*

165 The Application of Combined Parallel Imaging and Compressed Sensing Reconstruction Technique to Synthetic MRI

Yukichi Tanahashi / *Dept of Radiology, Gifu University Hospital*

166 Comparison of Magnetization Transfer Ratio between Two Magnetic Units

Yasutaka Fushimi / *Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*

167 Effects of GdCl3 or GBCAs on Hippocampal Synaptic Transmission

Odgerel Zorigt / *Department of Diagnostic Radiology and Nuclear Medicine, University of Gunma*

168 Usefulness of Turbo Spin-echo Diffusion-weighted Imaging for Evaluating Various Pituitary Lesions

Zaw Aung Khant / *Department of Radiology, University of Miyazaki*

169 The Application of Automatic Triggering Method Monitoring the Bilateral Vertebral Artery in Transverse Foramen in Cranial CTA

Weijia Wan / *Department of Radiology, Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology*

170 Low-dose CT with Adaptive Iterative Dose Reduction: A Primary Study in Head and Neck

Qiyun Hu / *Department of Radiology, Cancer Hospital of China Medical University*

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

32. Neuroradiology 3: Cerebrovascular

Makoto Sasaki

171 Assessment of Extracranial-Intracranial Bypass for Intracranial Major Trunk Stenoocclusive Lesions by Whole-Brain Vessel Wall Imaging

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

172 Chronic Intracranial Artery Stenosis: Comparison of Whole-brain Arterial Spin Labeling with CT Perfusion

Bing Tian / *Department of Radiology, Changhai hospital of Shanghai*

173 A Method to Optimize Image Quality and Shorten Post-process Time for the Spectral CT Angiography Imaging of Head-neck

Weijia Wan / *Department of Radiology, Tongji Hospital of Tongji Medical College, Huazhong University of Science and Technology*

174 Optimization Plan Exploration for Head and Neck CTA about Using 320-slice Volume CT

Chongwen Mao / *The Second People's Hospital of Yunnan Province*

175 Clinical Value of Head CTA Combined with ECG Gating in Evaluating the Stability of Cerebral Aneurysms

ShaoDong Cao / *Harbin Medical University*

176 Value of 320-row Dynamic CT Angiography in the Diagnosis of Spinal Vascular Malformation

Jia Ni Zou / *Department of Radiology, Wuhan General Hospital of People's Liberation Army*

15:30-16:30 (313+314)

33. Neuroradiology 4: Tumor

Takashi Yoshiura

177 Machine Learning for Prediction of Glioma Grade on Unenhanced Brain Computed Tomography

Hiroyuki Uetani / *Department of Diagnostic Radiology, Graduate School of Medical Sciences, Kumamoto University*

178 Histogram Analysis of Amide Proton Transfer-weighted Imaging: Comparing Glioblastoma and Metastatic Brain Tumor in Enhancing Tumors and Peritumoral Regions

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

179 Feasibility of Amide Proton Transfer MR Imaging for Differentiation between Glioblastomas and Primary Central Nervous System Lymphomas

Masanori Nakajo / *Department of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

180 A Deep Learning Approach for Automated Brain Tumor Detection Using T2WI with Single Shot Multibox Detector, Preliminary Study

Takashi Abe / *Dept. of Radiological Sciences, School of Medicine, UCLA*

181 Improvement in Automated Detection of Brain Tumor Using Deep Learning: 2nd Report

Takashi Abe / *Dept. of Radiological Sciences, David Geffen School of Medicine, UCLA*

182 Skewness and Kurtosis of Apparent Diffusion Coefficient in Human Brain Lesions to Distinguish Benign and Malignant Using MRI

Madusanka H. H. T. S. Vijithananda / *Department of Radiography/Radiotherapy, Faculty of Allied Health Science, University of Peradeniya*

13:00-13:50 (315)

34. Interventional Radiology 3: Hepatobiliary/Pancreas

Koichiro Yamakado

183 Comparison between Superselective Transarterial Chemoembolization with 3D-safety Margin and Radiofrequency Ablation for Solitary Small Hepatocellular Carcinoma

Hideyuki Nishiofuku / *Dept. of Radiology, IVR Center, Nara Medical University*

184 Short-term Outcomes of Transarterial Chemoembolization (TACE) with CDDP-loaded HepaSpheres and Porous Gelatin Particles for Hepatocellular Carcinoma from a Single-Center Experience

Noboru Maeda / *Dept. of Diagnostic and Interventional Radiology, Osaka International Cancer Institute*

185 Development of Pumping Emulsification Device with Glass Membrane to Form Ideal Lipiodol Emulsion in Transarterial Chemoembolization

Toshihiro Tanaka / *Dept. of Radiology, IVR Center, Nara Medical Univ.*

PROGRAM

186 Technical Outcomes of Endovascular Tracking Marker Implantation for Real Time Tracking Irradiation for Pancreatic Cancer
Akira Imaizumi / *Dept. of Radiology, University of Yamanashi*

187 Transcatheter Embolization for Postpancreatectomy Hemorrhage
Yuto Chanoki / *Dept. of Radiology, IVR Center, Nara Medical University*

14:10-15:10（315）
35. Interventional Radiology 4: Oncology
Yasuaki Arai

188 Efficacy of Intra-arterial Bi-weekly Infusion with Concomitant Radiotherapy for Advanced Maxillary Sinus Cancer
Soma Kumasaka / *Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University Hospital*

189 Therapeutic Results of Intra-arterial Chemoradiotherapy for Symptomatic Bulky Lymph Node Metastasis: Initial Experience
Joichi Heianna / *Dept. of Radiology, University of the Ryukyus Graduate School of Medical Science*

190 Usefulness of Modified RENAL Nephrometry Score in Predicting Renal Function after Cryotherapy for Renal Masses
Yoshiki Asayama / *Department of Advanced Imaging and Interventional Radiology, Kyushu University*

191 Investigation of Effects of Body Temperature Decrease by Cryotherapy for Renal Cancer
Shinji Saruya / *Dept. of Radiology, Kyoto Prefectural University of Medicine*

192 Palliative Local Chemotherapy for Symptomatic Pelvic Metastases
Akihiko Seki / *Dept. of Medical oncology, Suita Tokushukai Hospital*

193 Quantitative Analysis of Perfusion CT Allows Prediction of Treatment Response in Renal Tumors Treated by Cryoablation
Oyunbold Lamid-Ochir / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine*

15:20-16:20（315）
36. Interventional Radiology 5: Neuro
Daisuke Itoh

194 Plaque Protrusion during Carotid Artery Stenting: Risk Factors Determined by MR Plaque Imaging
Katsutoshi Takayama / *Depertment of Radiology and Interventinal neuroradiology, Ishinkai Yao General Hospital*

195 Endovascular Therapy for Vertebral Arteriovenous Fistula: Types and Procedures
Satoshi Takahashi / *Dept. of Radiology, Akita University School of Medicine*

196 Effectiveness of Evaluation with DynaCT System for Intra-arterial Chemotherapy for Advanced Head and Neck Cancers: Comparison with Angio-CT System
Takeshi Wada / *Dept. of Radiology and IVR center, Nara Medical University*

197 Percutaneous Vertebroplasty Is a Safe and Effective Treatment for Super Elderly Patients with Vertebral Fractures
Shunsuke Kamei / *Dept. of Radiology, NCGM*

198 MR-guided Focused Ultrasound（MRgFUS）Vim Thalamotomy for Essential Tremor : A Single Center Experience with a One-year Follow up
Toshio Yamaguchi / *Research Institute for Diagnostic Radiology, Shin-yurigaoka General Hospital*

199 MR-guided Focused Ultrasound（MRgFUS）Vo Thalamotomy for Focal Hand Dystonia（Musician's Dystonia）: A Pilot Study
Toshio Yamaguchi / *Rearch Institute for Diagnostic Radiology, Shin-yurigaoka General Hospital*

April 15（Sun.）

9:10-10:10（303）
37．Neuroradiology 5: Brain disease Osamu Abe

200 Pre-Wallerian Degeneration on Diffusion Weighted Image（DWI）in To-term Neonates with Hypoxic-ischemic Encephalopathy（HIE）
Katsumi Hayakawa / *Department of Diagnostic Radiology, Red Cross Kyoto Daiichi Hospital*

201 A Quantitative Evaluation of Rapid Eye Movement Sleep Behavior Disorder Using Quantitative Susceptibility Mapping and Neuromelanin Imaging
Masahiro Fujiwara / *Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*

202 Evaluation of the Glymphatic System by Commissural Fiber Based DTI Analysis along Perivascular Space（Commissural DTI-ALPS）
Toshiaki Taoka / *Dept. of Radiology, Nagoya University*

203 Assessment of Skin Folds on the Scalp in GH-producing Pituitary Adenomas
Kosuke Hida / *Department of Radiology, Fukuoka University*

204 Combined Application of Multi-parameter Semiquantitative ASPECTS to Assess Infarction Severity in Acute Ischemic Stroke
Juan Chen / *Department of Radiology, Beijing Hospital*

205 Sexual Dimorphism in Gray Matter-to-White Matter and Gray Matter-to-Cerebrospinal Fluid Volumetric Ratios from MRI Human Brain Images
Ali Bourisly / *Biomedical Engineering Unit, Department of Physiology, Faculty of Medicine, Kuwait University*

10:20-11:20（303）
38. Cardiovascular4: Coronary disease
Daisuke Utsunomiya

206 Effect of the Pulmonary Circulation on the Quality Image in Coronary Computed Tomography Angiography（CCTA）
Tien Nguyen-Cong / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine*

207 Diagnostic Value of 320-detector Row CCTA for Coronary Artery Disease with Total Occlusion
Xiu T. Wang / *Department of Radiology, Harbin University*

208 Withdrawn

209 Application Research of Temporal Resolution-Cardiac Cycle Characteristic Curve in CT Coronary Angiography

Ping Xia / *Department of Radiology, The Central Hospital, Xuzhou, China*

210 The Influence of Adrenal Adenoma on the Formation of Coronary Atherosclerotic Plaque

Bo Li / *Department of Radiology, Daqing People's Hospital*

211 Characteristics of Type 2 Diabetics with Coronary Artery Disease: Evaluation by 320-row Coronary CT Angiography According to Different Diabetic Duration

Xiao J. Fu / *Department of Radiology, Harbin Medical University*

9:10-10:00 (304)

39. Nuclear Medicine4: Cardiovascular

Tadaki Nakahara

212 Usefulness of Regional Phase Analysis in Monitoring Pre- and Post- Percutaneous Coronary Intervention (PCI) in Patients with Ischemic Heart Disease

Tamasa Terada / *Dept. of Radiology, Miyazaki University*

213 FDG-PET in the Patients with Ventricular Assist Device: Non-pathological FDG Uptake and Drive-line Infection

Takuro Isoda / *Depertment of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University*

214 Effects of Steroids on Liver FDG Uptake : Measurement of Metabolic Volume of Cardiac Sarcoidosis

Sho Furuya / *Dept. of Radiology, Hokkaido University Hospital*

215 Simultaneous Assessment of Myocardial Blood Flow and Left Ventricular Function with N-13 Ammonia ECG-gated PET

Noriyuki Shuke / *Dept. of Radiology, Kushiro Kojinkai Memorial Hospital*

216 The Comparison of Quantitative SPECT/CT Scoring of MIBG Cardiac Scintigraphy and the Heart-to-mediasti-num Ration in IQ-SPECT System

Hiroshi Mori / *Dept. of Nuclear Medicine, Kanazawa University Hospital*

10:10-10:40 (304)

40. Nuclear Medicine5: Neuro   Hiroshi Matsuda

217 The Association between rCBF Asymmetrical Index on Early FP-CIT SPECT and Laterality of SBR of Striatum in Parkinson's Disease

Masanari Nonokuma / *Dept. of Radiology, Fukuoka University School of Medicine*

218 Usefulness of Quantitative Parameter of the Caudate on 123I-ioflupane SPECT in Diagnosing Parkinson's Disease

Yoichi Mizutani / *Radiology, Faculity of Medicine, University of Miyazaki*

219 Is the Disease Specific rCBF Parameters Available for Diagnosing for Alzheimer's Disease with Unilateral Blood Flow Decrease?

Shinji Tanaka / *Dept. of Radiology, Fukuoka University School of Medicine*

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

41. Pediatric   Kumiko Nozawa

220 Dual Source Computed Tomography for Infants with Congenital Cardiovascular Disease without ECG Triggering: Clinical Usefulness and Reducing Radiation Dose

Natsuhiko Saito / *Dept. of Radiology, Nara Medical University School of Medicine*

221 Incidental Findings on Torso CT in Pediatric Trauma Patients

Takeshi Miura / *Dept. of Radiology, National Center for Child Health and Development*

222 Evaluation of the Pediatric Pulmonary Diseases by MR Imaging with Ultra-short Echo Time (UTE-MRI): Preliminary Clinical Study

Yoshiko Matsubara / *Dep. of Radiology, Hiroshima University Hospital*

223 Mediastinal Soft Tissue Mass in Congenital Unilateral Pulmonary Vein Atresia: A Retrospective Review of Seven Cases

Reiko Okamoto / *Dept. of Radiology, National Center for Child Health and Development*

224 Biliary Duct Visualization Using Gd-EOB-DTPA in Pediatric Patients: Correlation with Liver Function

Mikiko Miyasaka / *Dept of Radiology, National Center for Child Health and Development*

225 Specific CT Characteristics of Classic Congenital Mesoblastic Nephroma and Correlation with Ultrasound and Pathology

Yingqian Chen / *Department of Radiology, First Affiliated Hospital of Sun Yat-sen university, China*

10:20-11:00 (311+312)

42. Imaging modality/Technique

Chietsugu Katoh

226 Ultrahigh-resolution Computed Tomography and Model-based Iterative Reconstruction Improved Detectability of Small Abdominal Vessels in a Phantom

Hiroyuki Morisaka / *Diagnostic Radiology of Saitama International Medical Center*

227 Clinical Application of One New CT Body Surface Locating Ring

Fei Yang / *Department of Medical Imaging,The First Affiliated Hospital of Hebei North University*

228 MR Examination on Patients with MR-conditional Cardiac Device: Time and Cost

Shoko Abe / *Dept. of Radiology, Shizuoka Medical Center*

229 Photoacoustic Imaging of Hand Arteries Compared with Non-contrast Magnetic Resonance Angiography

Masako Kataoka / *Dept. of Radiology, Kyoto University*

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

43. Contrast material/Basic/Miscellaneous

Yoshito Tsushima

230 Molecular Mechanism of Osteoblast Differentiation Regulated by Icariin

Zengfa Huang / *Department of Radiology, The Central Hospital of Wuhan, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430014, China*

231 Analysis of GBCAs Deposition Mechanism in Mice Following Single Dose Administration
Putri Andriana / *Department of Diagnostic Radiology and Nuclear Medicine, Gunma University*

232 Lung Weight Estimation Using Postmortem CT in Forensic Cases
Hideki Hyodoh / *Cause of death investigation, Hokkaido University Faculty of Medicine*

233 Advances in Imaging Research on Multiple Organ Dysfunction of Paraquat Poisoning
Rongqing Sun / *The Fourth Affiliated Hospital of Kunming Medical University*

9:10-10:10 （313＋314）
44. Chest5: Lung disease　　　　　Yoshiharu Ohno

234 Radiation Sensitivity of Patients with past History of Lung Cancer
Hiroaki Sakane / *Dept. Radiology, Hiroshima University Graduate School of Medicine*

235 Computer-aided Diagnosis of Lung Nodule Using Deep Convolutional Neural Network: Usefulness of Transfer Learning
Mizuho Nishio / *Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine*

236 Differentiation between Malignant and Benign Pulmonary Lesions with Electron Density and Effective Z Using Dual-Energy CT Imaging
Xiaoliang Chen / *Department of Radiology, China-Japan Friendship Hospital*

237 3.0T MRI for Long-term Observation of Lung Nodules Post Cryoablation: A Pilot Study
Jing Li / *Department of Radiology, Henan Cancaer Hospital*

238 Study on the Relationship between Cavity Contraction Percentage and Benign and Malignant Cavities
JianXia Cao / *Department of Radiology, the 309th Hospital of Chinese People's Liberation Army*

239 Ground-Glass Nodules at First-pass Dual-input Perfusion CT: Histopathologic Comparisons on the Origin and Quantity of Blood Supply
Su Wang / *Department of Radiology, the 309th Hospital of Chinese People's Liberation Army*

10:20-11:20 （313＋314）
45. Chest6: Imaging technique
　　　　　　　　　　　　　　　Hidetake Yabuuchi

240 Pulmonary Emphysema Quantification on CT at 7mAs Using AIDR3D and Association with Body Habitus: Comparison with 84 and 42mAs
Yukihiro Nagatani / *Dept. of Radiology, Shiga University of Medical Science*

241 Effect of Matrix Size on the Image Quality of Ultra-High Resolution CT of the Lung
Akinori Hata / *Dept. Radiology, Osaka University Graduate School of Medicine*

242 3D Lung Motion Assessment on Inspiratory/Expiratory Thin-Section ADCT: Capability for Pulmonary Functional Loss and Clinical Stage Evaluations in Smokers
Yoshiharu Ohno / *Dept. of Radiology, Kobe University Graduate School of Medicine*

243 Time Resolved Dynamic Contrast MR Imaging of the Thorax Using Simultaneous Injection of Gadobutrol and Saline
Takayuki Masui / *Dept. of Radiology, Seirei Hamamatsu General Hosp.*

244 Withdrawn

245 The Feasibility of Improving the Noise Index on Automatic Spectral Chest CT Assist Protocol
Rui Wang / *The First Affiliated Hospital of Zhengzhou University*

9:10-10:00 （315）
46. Radiation Oncology 3: Abdomen/Pelvis
　　　　　　　　　　　　　　　Atsunori Yorozu

246 VMAT-SBRT for Liver Tumors by the Thoracic - Abdominal Simultaneous Compression Technique
Masateru Fujiwara / *Dept. of Radiation Oncology, Suita Tokushukai Hospital*

247 Risk Group Analyses in Cervical Cancer Patients Based on MRI at the Time of Image Guided Adaptive Brachytherapy
Ryo Nishikawa / *Division of Radiation Oncology, Kobe University Hospital*

248 Clinical Value of Squamous Cell Carcinoma Antigen in Patients with Advanced Cervical Carcinoma Treated by Chemoradiotherapy
Koichi Wadasaki / *Dept. of Radiation Oncology, Hiroshima Prefectural Hospital*

249 Pilot Study of Radio-sensitization Using Hydrogen Peroxide in Patients with Cervical Cancer
Rong Hu / *Department of Radioation Oncology, Juntendo University*

250 IG-VMAT for Postoperative Lymph Node Recurrences with Endometrial Carcinoma
Yukio Akagi / *Hiroshima Heiwa Clinic, High-Precise Radiotherapy Center*

10:10-11:10 （315）
47. Radiation Oncology 4: Gastrointestinal/ Urinary　　　　　　　　　　　　Toshio Ohashi

251 Radiotherapy for Prostate Cancer: The Change of IPSS during Treatment
Hirota Takano / *Medical Intern, Gifu Municipal Hospital*

252 Retrospective Study about the Decline in Serum Prostate-Specific Antigen after Stereotactic Body Radiotherapy for Prostate Cancer
Subaru Sawayanagi / *Dept. of Radiology, Faculty of Medicine, The University of Tokyo*

253 Long Term Outcomes of a Dose-reduction Trial in Patients with Prostate Cancer Receiving Soft Tissue-matched Image-guided Intensity-modulated Radiotherapy
Naomi Sasaki / *Dept of Radiology, Kyoto Prefectural University of Medicine*

254 Experience of Neoadjuvant Chemoradiotherapy for Locally Advanced Rectal Cancer
Yuko Inoue / *Division of Radiation Oncology, Kobe University Hospital*

255 Safety and Feasibility of Radiotherapy with Hydrogen Peroxide as a Sensitizer for Inoperable Rectal Cancer
Rei Hashimoto / *Department of Radiology, Juntendo University School of Medicine*

256 Salvage Focal Carbon-ion Radiotherapy for Patients with Local Recurrence of Prostate Cancer: Two Case Reports
Goro Kasuya / *NIRS*

11:20-11:50 (315)
48. Uroradiology3: Adrenal gland/ Retroperitoneum　　　　Yoshimitsu Ohgiya

257 Distinguishing Adrenal Adenomas from Non-adenomas with Multidetector CT Using a Short Time Delay Triphasic Enhanced CT
Tongxi Liu / *Department of Radiology, China-Japan Friendship Hospital*

258 Diagnosis of Primary Peritoneal and Retroperitoneal Cystadenoma/Cystadenocarcinoma by MSCT
Yang Peng / *Department of Radiology, First Affiliated Hospital of Sun Yat-Sen University*

259 CT Manifestations of Primitive Neuroectodermal Tumor of Adrenal Gland
Chang Lei Lv / *CT Room, Shaanxi Provincial People's Hospital*

13:00-14:00 (301)
49. Abdomen6: Liver tumor　　　　Masahiro Okada

260 Utility of Fusion Imaging of Preablative Hepatobiliary Phase Sequences and Postablative Unenhanced T1-weighted Images
Nobuyuki Takeyama / *Dept. of Radiology, Showa University Fujigaoka Hospital*

261 Diagnosis of Liver Tumor Using Analysis of Hepatocyte Function on Gadoxetic-acid Enhanced Magnetic Resonance Imaging
Mizuki Ozawa / *Department of Diagnostic Radiology, Saitama Medical University International Medical Center*

262 Distinguishing Intrahepatic Mass-forming Biliary Carcinoma from Hepatocellular Carcinoma by Multiparametric CT and MRI Using Bayesian Method: A Bicenter Study
Shintaro Ichikawa / *Department of Radiology, University of Yamanashi*

263 Improvement of Diagnostic Image Quality of Abdominal CT by Using a Deep Learning Based Reconstruction Targeting Malignant Hepatic Tumor
Yuko Nakamura / *Diagnostic Radiology, Hiroshima University*

264 Interpretation Pitfalls of Contrast Enhanced Ultrasound (CEUS) for Evaluation of Hepatocellular Carcinoma (HCC)
Wan Ying Chan / *Department of Diagnostic Radiology, Changi General Hospital, Singapore*

265 Cholangiocarcinoma: A Descriptive Study in Dr. Wahidin Sudirohusodo General Hospital, Makassar, Indonesia, during the Period of 2013-2016
Elys Susanti / *Department of Radiology, University of Hasanuddin*

13:00-13:50 (302)
50. Breast2: Disease　　　　Hiroko Kawashima

266 MRI Evaluation of Neoadjuvant Chemotherapeutic Response: Difference Depending on the Definition of Pathological Complete Response and Breast Cancer Molecular Subtypes
Kazuaki Nakashima / *Dept. of Breast Imaging and Intervention, Shizuoka Cancer Center Hospital*

267 Grading System to Categorize Breast: A Multivariate Study of Breast Mass Descriptors in Terms of Probability of Malignancy
Keishi Fujiwara / *St. Marianna University School of Medicine*

268 Grading System to Categorize Breast MRI Using BI-RADS 5th Edition: A Statistical Study of Non-mass Enhancement Descriptors
Tatsunori Asada / *Dept. of Radiology, St. Marianna University School of Medicine, Yokohama City Seibu Hospital*

269 Rare Breast Cancer Mimickers, Their Variable Imaging Spectrum and Keys to Their Diagnosis
Urszula Wegner / *University Hospital Waterford*

270 Correlation among the Findings of Mammography and MRI in Non-mass-like Breast Lesions with Calcification
Xiao wen Ma / *Department of Radiology, Cancer Hospital of China Medical University, Liaoning Province Cancer Hospital and Institute*

13:00-14:00 (303)
51. Cardiovascular5: Vessel CT/Miscellaneous
　　　　Yasuyuki Kobayashi

271 Diagnostic Performance of Iterative Reconstruction (FIRST) for Detecting Localization of Adamkiewicz Artery
Yoshihiro Kubota / *Dept. of Radiology, Chiba University Hospital*

272 Comparison on Abdominal CT Angiography Image Quality Reconstructed with Forward Projected Model-based Iterative Reconstruction SoluTion (FIRST) versus Conventional Reconstruction Methods
Hideyuki Fukui / *Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*

273 Withdrawn

274 Feasibility of Foot CT Perfusion in Patients with Peripheral Arterial Occlusive Disease
Xiao Li / *Department of Radiology, Renji Hospital, School of Medicine, Shanghai Jiaotong University*

275 Upper Limb Arterial CTA Imaging Upper Limb Position Puts Impact on the Subclavian Artery and Axillary Artery
Lintao Zhao / *Department of Radiology, The First Hospital of Harbin*

276 The Diagnosis Value of 320 Slice CT Direct Venography in Lower Extremity Deep Venous Thrombosis
Jing Ma / *Department of Radiology, the 2nd affiliated hospital of the medicine school of Shihezi University*

13:00-13:40 （304）

52. Nuclear Medicine6: Whole body

Teisuke Hashimoto

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

278 Sequential Bone Scintigraphy Observations of Patients with Castration-resistant Prostate Cancer （CRPC） with Bone Metastases under Radium-223 Therapy
Yumiko Kono / *Dept. of Radiology, Kansai Medical University*

279 Assessment of the Effect of Urinary Excretion Rate of ^{18}F-Sodium Fluoride on the SUV of NaF PET/CT
Yoshiyuki Kitamura / *Department of Radiology, Graduate School of Medical Science, Kyushu University*

280 Axillary Lymph Node Assessment on ^{18}F-FDG PET/CT in Rheumatoid Arthritis Patients Treated with Biologic Therapies
Trang Thuy Dam / *Department of Diagnostic Radiology and Nuclear Medicine, Department of Orthopaedic Surgery, Gunma University Graduate School of Medicine; Department of Radiology, Bach Mai Hospital, Hanoi, Vietnam*

13:00-13:50 （315）

53. Radiation Oncology 5: Bone metastasis/ Miscellaneous

Tetsuo Akimoto

281 Evaluation of Prognostic Factors of Bone Metastases Treated by Radiotherapy: A Single-institution Ecperience
Nana Shimoyachi / *Department of Radiotherapy, Graduate School of Medical Science, Kanazawa University*

282 KORTUC for Lytic Bone Metastasis
Shiro Obata / *Dept. of Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hospital*

283 The Outcome of Reirradiation with Curative Intent: Analysis of 214 Patients in 6 Years
Ryoongjin Oh / *Miyakojima IGRT Clinic*

284 Effectiveness and Adverse Effects of Radical Radiotherapy on Patients Aged 90 or above
Osamu Tanaka / *Dept. of Radiation Onclogy*

285 Nanoparticle Imaging and Treatment of Tumor, through Macrophage-based Therapy, by Radiotherapy-targeted-switching of Tumor-Associated-Macrophages （TAM S） from M2 to M1 Phenotype
Satoshi Harada / *Dept. of Radiology, Iwate Medical University, School of Medicine*