

Electronic Poster Presentation Programs

April 13 (Fri.)

9:10-9:38 (Poster Presentation Booth 1)

1. Interventional Radiology 1: Ablation/ Cryotherapy

Tadashi Shimizu

- C001** Percutaneous Cryoablation of Lung Tumors Using Liquid Nitrogen Based Ice Device: Safety and Initial Outcome
Ikuo Yamazaki / Dept. of Radiology, Kameda Medical Center
- C002** Treatment with RFA, SBRT and SLR for Patients with Stage I Non-Small-Cell Lung Cancer: Evaluation of Single Center Experience
Toshihiro Iguchi / Dept. of Radiology, Okayama University Medical School
- C003** Phase I Clinical Trial and Literature Review of Percutaneous Cryoablation for Osteoid Osteoma
Miyazaki Masaya / Dept. of Interventional Radiology and Clinical Ultrasound Center
- C004** Cryoablation of Renal Cell Carcinoma for Patients with Severe Chronic Kidney Disease: A Retrospective Multi Center Study
Hideo Gohara / Dept. of Radiology, Okayama University Hospital

9:50-10:18 (Poster Presentation Booth 1)

2. Interventional Radiology 2: Embolization

Koji Sugimoto

- C005** Correlation between Tumor Stain Change after Balloon Occlusion and Outcome after B-TACE
Yoshihisa Kodama / Dept. of Radiology, Teine Keijinkai Hospital
- C006** Drug-eluting-beads Embolization for Hepatocellular Carcinoma in Elderly Patients: Evaluation of Adverse Events Compared with Conventional Chemoembolization
Hiroshi Seki / Dept. of Diagnostic Radiology, Niigata Cancer Center Hospital
- C007** Comparison of Occupational Eye Radiation Dose Estimated on Novel Direct Eye Dosimeter and Film Badge in Transarterial Chemoembolization
Masakazu Hirakawa / Dept. of Radiology, Kyushu University Beppu Hospital
- C008** Associating Liver Partition and P4 Vein Ligation Combining Trans-ileocecal Portal Vein Embolization for Staged Hepatectomy (Modified ALPPS-TIPE) : Initial Experience
Mitsunari Maruyama / Department of Radiology, Shimane University Faculty of Medicine

10:30-10:58 (Poster Presentation Booth 1)

3. Interventional Radiology 3: Embolization/ Miscellaneous

Masanori Inoue

- C009** Treatment Results of Direct Puncture Sac Embolization for Type II Endoleaks
Tetsuro Nakazawa / Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine

- C010** Preoperative Transarterial Embolization for Bleeding Originating from Malignant Bladder Tumor
Noriaki Yuasa / Dept. of Radiology, Steel Memorial Muroran Hospital

- C011** Transcatheter Arterial Embolization for the Treatment of Active Arterial Bleeding from Inferior Epigastric Artery
Hiroyuki Tokue / Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine

- C012** The Efficacy of Balloon Occlusion in Bilateral Iliac Arteries before Delivery in Patients with Morbidly Adherent Placentas
Makoto Hamano / Dept. of Radiology, Iwate Medical University

15:10-15:59 (Poster Presentation Booth 1)

4. Interventional Radiology 4: Technique/ Miscellaneous

Terumitsu Hasebe

- C013** The Comparison of Transplantation of Central Venous Port via Cephalic Vein and via Basilic Vein
Kazumichi Tsukamoto / Dept. of Radiology, Tottori University
- C014** Examination of Individual Incident Reports Related to Interventional Radiology of Our Department in Angiography Suit
Yoshiya Watanabe / Dept. of Radiology, Gunma University School of Medicine
- C015** Development of a Steerable Transjugular Intrahepatic Portosystemic Shunt (TIPS) Needle Based on a Loop-Shaped Flexible Mechanism
Norihiisa Nitta / Dept. of Radiology, Shiga University of Medical Science
- C016** Radiological Anatomy of Cardiovascular System in Matured Microminipigs as a Pre-clinical Research Model for the Interventional Radiology
Hiroshi Kawada / Dept. of Radiology, Gifu University School of Medicine
- C017** Incidence of Contrast-induced Nephropathy after Catheter Angiography and Evaluation of Risk Factors
Makoto Koga / Dept. of Radiology, Akita University School of Medicine
- C018** Development of in Vitro Endothelialized Stents
Jitsuro Tsukada / Dept. of Radiology, Keio University School of Medicine
- C019** Remote-controlled Robotic Insertion of Ablation Needles under CT-guidance: Accuracy and Safety in Animal Experiments
Takao Hiraki / Department of Radiology, Okayama University Medical School

16:10-16:52 (Poster Presentation Booth 1)

5. IT/Radiologic interpretation

Norinari Honda

- C020** Reference Rate of Image Diagnosis Report: In Case of Chest X-ray at Our Hospital
Sae Miyashita / Kanazawa Medical Center
- C021** Utility of Teleradiology Using a Mobile Tablet Type Device for Imaging Diagnosis of Emergency Cases
Kensuke Uotani / Dept. of Radiology, Hyogo Prefectural Awaji Medical Center

- C022** Cancer Image Reference Database: Mobile Device Oriented Features Newly Developed
Hiroaki Onaya / *Sec. Radiology Consultation, National Cancer Center*
- C023** Significant Causative Factor for Missed Findings on CT and MRI Examinations: Retrospective Study by Multivariate Analysis
Nariyuki Oya / *Gunma Prefectural Cancer Center*
- C024** Monitoring of Prefrontal Response of Radiologist by Long Time Image Interpretation in a Poor Physical Condition, Using fNIRS
Takashi Nihashi / *Komaki City Hospital*
- C025** Introduction of an Easy-Build Method Based on Existing Network to Handle Crucial Communication Problems Derived from a New Modality Installation
Yukihiro Nagatani / *Dept. of Radiology, Shiga University of Medical Science*

9:10-9:45 (Poster Presentation Booth 2)

6. Chest 1: Imaging technique Yoriko Murata

- C026** Volumetric Quantification of Lung Low Attenuation Area Using Ultralow Dose CT - Intra-individual Comparison with Standard Dose CT
Munemasa Okada / *Dept. of Radiology, Yamaguchi University Hospital*
- C027** Peripheral Bronchial Depiction in Quarter Detector CT Reconstructed with Forward Projected Model-based Iterative Reconstruction Solution (FIRST)
Ryo Kurokawa / *Department of Radiology, Graduate School of Medicine, The University of Tokyo*
- C028** Intra-individual Comparison of Lung Volumes between Supine, Sitting, and Standing Positions Scanned with Conventional and Newly Developed 320-detector-row Upright CT
Yoshitake Yamada / *Dept. of Radiology, Keio University School of Medicine*
- C029** Clinical Usefulness of Ultra-high-resolution CT and Iterative Reconstruction for CT Virtual Bronchoscopy
Makiko Nishikawa / *Kyorin University Hospital*
- C030** Metal Artifact Reduction for the Detection of Pulmonary Nodules: Forward-projected Model-based Iterative Reconstruction Solution (FIRST) v. s. Single-energy Metal Artifact Reduction (SEMAR)
Masahiro Yanagawa / *Dept. Radiology, Osaka University Graduate School of Medicine*

10:00-10:28 (Poster Presentation Booth 2)

7. Chest 2: Lung disease Sadayuki Murayama

- C031** Pre-treatment CT Features Associated with EGFR T790M Mutation Status in Patients with Lung Adenocarcinoma
Hiroto Hakamada / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*
- C032** The Whole-lung Dynamic Respiratory CT: The Novel Respiratory Function Examination by Dynamic Wide Volume Scanning Using 320-row ADCT
Hiroshi Moriya / *Diagnostic Imaging Center, Ohara General Hospital*

- C033** Evaluation of the Origin of the Last Normal Branch from Feeding Artery of the Pulmonary Arteriovenous Malformations
Miyuki Maruno / *Dept. of Radiology, Oita University Faculty of Medicine*
- C034** Evaluation of the Postmortem Change of the Lung Using Rat Euthanasia Model and Small Animal X-ray CT
Takahiro Matsuyama / *Dept. of Radiology, Fujita Health University*

10:40-11:01 (Poster Presentation Booth 2)

8. Head and neck Hiroki Kato

- C035** The Micro Anatomy of the Temporal Bone with Quarter Detector CT Using Forward Projected Model-based Iterative Reconstruction Solution (FIRST)
Ryo Kurokawa / *Dept. of Radiology, Graduate School of Medicine, The University of Tokyo*
- C036** Utility of the Ultra High-resolution CT in the Middle Ear Disease
Makiko Obara / *Dept. of Radiology, Iwate Medical University Hosp*
- C037** The Imaging Findings of Nasopharyngeal Carcinomas in Correlation with Histologic Subtypes
Takao Kumazawa / *Dept. Diagnostic Radiology, Kurashiki Central Hospital*

15:10-15:45 (Poster Presentation Booth 2)

9. Cardiovascular 1: Coronary Yasutaka Ichikawa

- C038** The Impact of Heart Rate on Diagnostic Accuracy of ECG-gated Coronary CT Angiography Using Ultra-high Resolution CT: A Phantom Study
Hidenobu Takagi / *Dept. of Radiology, Iwate Medical University*
- C039** Coronary Artery CT Using Low Concentration Contrast Medium and Low Tube Voltage: Efforts to Reduce Iodine Usage
Takuya Ishida / *Dept. of Radiology, Tonami General Hospital*
- C040** Consideration for Indication of Coronary CT Angiography for Patients with Zero Agatston Score
Makoto Amanuma / *Dept. of Radiology, Takase Clinic*
- C041** Evaluation of Normal and Disturbing Images on Coronary Non-contrast MR Angiography; Initial Experience with a Newer GE 1.5 T MR
Shoichi Takekawa / *Dept. of Diagnostic Radiology, Southern TOHOKU General Hospital*

C042 A Deep 3D Convolutional Neural Network Analysis of Cardiac CT Volume Data: Prediction of Significant Coronary Ischemia

- Kanako Kumamaru / *Juntendo University, Department of Radiology*

16:00-16:35 (Poster Presentation Booth 2)

10. Musculoskeletal Tamotsu Kamishima

- C043** Angiosarcoma: Differences and Similarities of Imaging Features by Location
Kazuma Yasui / *Dept. of Diagnostic and Interventional Radiology, Kanagawa Cancer Center*

- C044** Radiologic Characteristics of Desmoplastic Fibroblastoma: Comparison with Desmoid-type Fibromatosis
Ryota Inai / Dept. of Radiology, Okayama University Hospital
- C045** Evaluation of Temporal Subtraction CT for Detection of Vertebral Bone Metastases
Sodai Hoshiai / Dept. Radiology, University of Tsukuba
- C046** MR Imaging Findings of Vertebral Involvement in Gorham-Stout Disease, Generalized Lymphatic Anomaly, and Kaposiform Lymphangiomatosis
Hiroki Kato / Dept. of Radiology, Gifu University School of Medicine
- C047** Correlation between Vertebral Bone Strength and Muscle Property on CT in DM Patient
Shinpei Yamaguchi / Dept. of Radiology, University of Occupational and Environmental Health School of Medicine

April 14 (Sat.)

9:10-9:38 (Poster Presentation Booth 1)

11. Cardiovascular 2: Heart/Miscellaneous

Hiroyuki Tajima

- C048** Evaluation of Capability of the Deep Neural Networks at the Late Gadolinium Enhancement Image Diagnosis Assistant
Yasutoshi Ohta / Division of Radiology, Tottori university Faculty of Medicine
- C049** The Effect of Hemoglobin Value on the Water Density Generated from Material Decomposition Image with Spectral CT
Shinichiro Kitao / Dept. Radiology, Tottori University Faculty of Medicine
- C050** Cardioangiogram-based Study of Pediatric Contrast Transit Time in Children with Congenital Heart Disease
Yoko Namiki / Dept. of Radiology, The University of Tokyo Hospital
- C051** Late Gadolinium Enhanced MRI for Duchenne and Becker Muscular Dystrophy
Noriko Oyama-Manabe / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital

9:50-10:25 (Poster Presentation Booth 1)

12. Cardiovascular 3: Cardiac CT

Masao Miyagawa

- C052** Dynamic Performance of MBF by Dynamic CT Perfusion for the Detection of Significant CAD: Standardized vs. Individualized Vascular Territories
Kuniaki Hirai / Dept of Radiology, Ehime University School of Medicine
- C053** Myocardial Blood Flow Derived from Single-source 64-row Dynamic CT Perfusion: Is It Reliable to Detect Coronary Stenosis?
Nobuo Tomizawa / Dept of Radiology, New Tokyo Hospital
- C054** Comparison of QPR Derived from Dynamic CT Perfusion and FFR on the Evaluation of Myocardial Ischemia
Natsumi Kuwahara / Dept. of Radiology, Ehime University Graduate School of Medicine

- C055** Dual-energy Myocardial Late Iodine Enhancement Imaging Using Dual-layer Spectral Detector Computed Tomography
Seitaro Oda / Dept. of Diagnostic Radiology, Faculty of Life Sciences, Kumamoto University
- C056** Relative and Absolute CT Perfusion Derived Myocardial Blood Flow Value Compared with Invasive Fractional Flow Reserve
Takahiro Yokoi / Dept. of Radiology, Ehime University School of Medicine

10:40-11:22 (Poster Presentation Booth 1)

13. Cardiovascular 4: Great vessel/Miscellaneous

Fumiko Kimura

- C057** Changes of Aortic Wall Thickness before Development of Acute Aortic Dissection
Hidemasa Saito / Dept. of Radiology, Nippon Medical School
- C058** Evaluation of Gravity Effect on Inferior Vena Cava Flow Using Gravity MRI
Yoshisuke Kadoya / Dept. of Radiology, Kanazawa University School of Medicine
- C059** Analysis of Aortic Arch Motion and Segmental Curvature Change Using 4D-CTA: Consideration of the Pathogenesis of Aortic Dissection
Mitsuhiro Kishino / Dept. of Diagnostic Radiology Mitsui Memorial Hospital
- C060** Congenital Anomalies of the Left Brachiocephalic Vein without Congenital Heart Disease Detected in Adults on Computed Tomography
Hiroshi Yamamuro / Dept. of Radiology, Tokai University School of Medicine
- C061** Evaluation of Venous Attenuation with Reduced Radiation and Contrast Material Dose at CT Venography
Takafumi Nomura / Department of Radiology Yamaguchi University Graduate School of Medicine
- C062** Evaluation of Arteriosclerosis by Noninvasive MRI: A Basic Investigative Animal Study
Kai Takaki / Dept. of Radiology, Shiga University of Medicine Science

13:00-13:42 (Poster Presentation Booth 1)

14. Nuclear Medicine 1: FDG-PET

Tohru Shiga

- C063** FDG-PET Findings for 14 Cardiac/Pericardiac Tumors at Our Hospital
Kazukuni Kirii / Dept. Radiology, Yamagata University Faculty of Medicine
- C064** Characteristics of FDG Uptake in the Atria of Patients with Atrial Fibrillation
Emiri Watanabe / Dept. of Radiology, Ehime University School of Medicine
- C065** Evaluation of FDG-PET/CT Findings of Primary Breast Lymphoma
Yasuyo Hamanaka / Dept of Radiology, Koseikai Takeda Hospital
- C066** Correlation of ¹⁸F-FDG PET/CT Findings with Abdominal Aortic Aneurysm Growth
Mami Nishioka / Dept. of Radiology, Faculty of Medicine, Kagawa University

C067 The Utility of F-18 Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in Differentiating Primary Duodenal Tumors
Yoichi Otomi / Dept. of Radiology, Tokushima University Hospital

C068 FDG-PET/CT of Sarcoidosis Like Uptakes Following Malignant Tumor after Treatment
Yo Kaneko / Dept. of Radiology, Gifu University School of Medicine

14:00-14:28 (Poster Presentation Booth 1)

15. Nuclear Medicine 2: Head/Neck/Neuro

Ichiei Kuji

C069 Diagnostic Accuracy of FDG-PET/MR Imaging with MR Attenuation Correction for Dementia - Simulation Study Using ADNI-data
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School

C070 Treatment Outcome of Adjuvant Radioiodine Therapy for Differentiated Thyroid Cancer
Noriko Takata / Dept. of Radiology, Ehime University School of Medicine

C071 Efficacy of Low Dose I-131 Ablation Therapy Post Total Thyroidectomy in Differentiated Thyroid Cancer
Naoki Kan / Kansai Medical University Department of Radiology

C072 Additional Findings in Parathyroid Scintigraphy
Hideaki Enomoto / Dept. of Radiology, Tokushima University Hospital

14:40-15:15 (Poster Presentation Booth 1)

16. Obstetrics/Gynecology

Aki Kido

C073 Uterine Smooth Muscle Tumors with Hyperintense Area on T1-weighted Images: Differentiation of Leiomyosarcomas from Leiomyomas
Tomohiro Ando / Dept. of Radiology, Gifu University School of Medicine

C074 Diffusion Kurtosis Imaging of the Uterus and Endometrial Carcinoma: Correlation with Histopathologic Findings
Ichiro Yamada / Dept. of Diagnostic Radiology and Nuclear Medicine, Graduate School, Tokyo Medical and Dental University

C075 Accelerating MR Imaging 3D T2-weighted TSE VISTA Using Compressed Sensing of Female Pelvis: Prospective Intraindividual Comparison with Conventional VISTA
Tomohiro Namimoto / Dept. of Diagnostic Radiology, Kumamoto University

C076 Imaging Findings of Adult Granulosa Cell Tumor of the Ovary
Akiyo Takada / Department of Radiology, Chiba University Hospital

C077 Examination on the Relation of Ovarian Tumor and Round Ligament of the Uterus for Ovarian Vessels
Osamu Sato / Dept. of Radiology, North Medical Center Kyoto Prefectural University of Medicine

15:30-15:58 (Poster Presentation Booth 1)

17. Breast 1: MRI

Takayoshi Uematsu

C078 Evaluation of Axillary Lymph Node Status Using Minimum ADC of Breast Lesions in Luminal A-like Cancer with Clinically Negative Nodes
Fumi Kato / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital

C079 Diagnostic Performance of Ultrafast Dynamic Contrast-enhanced MRI of the Breast
Ken Yamaguchi / Dept. of Radiology, Saga University

C080 Quantitative Analysis of Histological Whole Slide Imaging of Invasive Breast Cancer: A Novel Technique to Correlate with Apparent Diffusion Coefficient
Naoko Mori / Department of diagnostic radiology, Tohoku University Graduate School of Medicine

C081 Differentiation between Phylloides Tumors and Fibroadenomas Using Intravoxel Incoherent Motion Magnetic Resonance Imaging: Comparison with Conventional Diffusion-weighted Imaging
Hiroko Kawashima / Faculty of Health Sciences, Kanazawa University

16:10-16:38 (Poster Presentation Booth 1)

18. Breast 2: Imaging technique/Miscellaneous

Tokiko Endo

C082 Quantitative Assessment of Fat Content in Mammary Gland and Breast Cancer by Dual Energy CT
Nobuko Yoshizawa / Department of Diagnostic Radiology & Nuclear Medicine, Hamamatsu University School of Medicine

C083 Dual-energy Breast CT on Preoperative Evaluation in the Patients with Breast Cancer: The Utility of Noise Reduced Monoenergetic Images
Kanako Okada / Dept. Radiology, Saiseikai Matsuyama Hospital

C084 Visualization of Microcalcifications on Digital Breast Tomosynthesis Compared with Full-field Digital Mammography
Ryusuke Murakami / Dept. of Radiology, Nippon Medical School

C085 Quantitative Analysis of Elasticity in Breast Cancer Using a Novel Elastography Method: A Preliminary Study of CD SWI
Takahito Nakajima / Dept. of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine

9:10-9:52 (Poster Presentation Booth 2)

19. Abdomen 1: Gastrointestinal

Masamitsu Hatakenaka

C086 Coexistence of Extra-Gastric Afferent Efferent Direct Connection with Gastric Varices: 3DCT Evaluation
Ramy Mohammed / Dept. of Radiology, Oita University, Faculty of Medicine

C087 Utility of Virtual Monochromatic Imaging Using Dual-layer Detector Spectral Computed Tomography for Electronic Cleansing in Fecal-tagging CT Colonography
Narumi Taguchi / Dept. of Diagnostic Radiology, Faculty of Life Sciences, Kumamoto University

C088 Asymptomatic Extracolonic Wall Gas Distinct from Perforation at Preoperative CT Colonography (CTC)
Hirota Tomimatsu / Dept. of Radiology, Tenri Hospital

C089 Can Initial CT Findings Predict the Possibility of Conservative Treatment for Closed Loop Obstruction?
Eliko Tanaka / Dept. of Radiology, Showa University Fujigaoka Hospital

C090 Regional Lymph Node Metastasis in Rectal Cancer: Evaluation with Heavily T2-weighted Images with Fat Suppression (SPACE) on 3T MRI System
Maki Kiyonaga / Dept. of Radiology, Oita University Faculty of Medicine

C091 Morphological Evaluation Related with the Extramural Invasion of Rectal Cancer Using MRI: Comparison of MRI and Histopathological Findings
Satomi Morise / Dept. of Radiology, Kansai Medical University

10:00-10:35 (Poster Presentation Booth 2)

20. Abdomen 2: Hepatobiliary/Pancreas 1

Yoshito Takeuchi

C092 Low-Iodine-dose Abdominal-CT with 80-kVp and SAFIRE in Patients with Renal Insufficiency: Impact on Image Quality, Radiation Dose and Renal Function
Yasunori Nagayama / Dept. of Diagnostic Radiology, Kumamoto University

C093 Using 80kVp for Abdominal CT Reduces the Contrast Dose by 60% in Patients at Risk for Contrast-induced Nephropathy
Hisatoshi Araki / Dept. of Radiology, Faculty of Medicine, Shimane University School

C094 Intraductal Papillary Neoplasms of the Bile Duct versus Papillary Cholangiocarcinomas: Clinicoradiological Comparative Study
Takahiro Komori / Dept. of Radiology, Kanazawa University Graduate School of Medical Science

C095 Unexpected Primary Pancreatic Cancer Detected by Follow-up Imaging Examinations: Correlation of Progressive Stages and Imaging Modalities
Hitomi Iwasa / Dept. of Radiology Kochi Medical School, Kochi University

C096 Pictorial Review of Neuroendocrine Tumors
Uyama Naoto / Dept. of Radiology, Tokushima University Hosp.

11:00-11:35 (Poster Presentation Booth 2)

21. Abdomen 3: Hepatobiliary/Pancreas 2

Utaroh Motosugi

C097 Withdrawn

C098 Feasibility of the Ablative Margin Grading by Fusion Imaging between Pre- and Post-ablation Hepatobiliary Phase Sequences
Nobuyuki Takeyama / Dept. of Radiology, Showa University Fujigaoka Hospital

C099 Deep Learning for Hepatic Fibrosis: Staging on Gd-EOB-DTPA Enhanced Hepatobiliary Phase MRI
Koichiro Yasaka / IMSUT Hospital, Institute of Medical Science, University of Tokyo

C100 MR Elastography for Pancreas: Evaluation of Conditions for Imaging by Normal Volunteers
Shinichi Ota / Dept. of Radiology, Shiga University of Medical Science

C101 Adrenal Gland Enlargement in Multiple Myeloma; A CT Study
Takuya Adachi / Dept. of Radiology, Kameda General Hospital

13:00-13:42 (Poster Presentation Booth 2)

22. Neuroradiology 1: Cerebrovascular/Tumor

Akira Kunimatsu

C102 Comparative Study of Glioma Perfusion Metrics Using Both ASL and DCE Imaging
Kenji Takata / Dept. of Radiology, Fukui University School of Medicine

C103 Initial Image Findings of IDH Wildtype Glioblastoma
Shintaro Saito / Department of Radiology, Yamagata University Graduate School of Medical Science Medicine

C104 Differentiating Glioblastoma from Lymphoma or Metastatic Tumor by ELTE (Enhancement Less Than Expected)
Takashi Katsube / Dept. of Radiology, Shimane University Faculty of Medicine

C105 TSE-based Black-Blood MRA in the Detection of Vasospasm Following Subarachnoid Hemorrhage
Koichi Takano / Dept. of Radiology, Fukuoka University

C106 Diagnostic Performance of CT Angiography for Middle Cerebral Artery Perforators Using Ultra-High Resolution CT
Kazuhiro Murayama / Dept. of Radiology, Fujita Health University School of Medicine

C107 Usefulness of 3-T MR Angiography with Tri-directional Flow Compensation for Morphologic Evaluation of Unruptured Intracranial Aneurysms
Naoki Fukuyama / Dept. of Radiology, Ehime Prefectural Central Hospital

14:00-14:35 (Poster Presentation Booth 2)

23. Neuroradiology 2: Brain disease

Toshihide Ogawa

C108 The MRI Findings in Creutzfeldt-Jakob Disease
Ayaka Nakai / Dept. of Radiology, Kanazawa University School of Medicine

C109 Retrospective Analysis of MRI Findings of Brain Toxoplasmosis in AIDS Patients
Kota Yokoyama / Dept. of Radiology, National Center for Global Health and Medicine, Tokyo, Japan

C110 Assessment of Hypo-intensity at the Posterior Edge of Adenohypophysis on T2-weighted MR Imaging: A Preliminary Study
Aiko Gohara / Dept. of Radiology, Shimane University Faculty of Medicine

C111 Relationship between Cytokines and Brain Morphology in Drug-naive, First-episode Major Depressive Disorder Using Surface-based Morphometry
Shingo Kakeda / Dept. of Radiology, University of Occupational and Environmental Health, School of Medicine

C112 Application of Machine Learning to the Visual Rating System in Mild Cognitive Impairment
Tomoki Kaneko / Dept. of Radiology, Shinshu University School of Medicine

14:50-15:32 (Poster Presentation Booth 2)

24. Radiation Oncology 1: Chest Takashi Uno

- C113** Long-term Outcomes in Patients Treated with Whole-breast Irradiation after Breast-conserving Surgery
Yoshio Monzen / *Dept. of Radiology, Sasebo City General Hospital*
- C114** Initial Report of Intensity Modulated Radiotherapy of the Whole Breast and Axillary Lymph Node with Positive Sentinel Node
Rumiko Kinoshita / *Hokkaido University Hosp. Radiation Oncology*
- C115** Influence of CTV Displacement in Postoperative Breast/Chest Wall Radiotherapy Using Field in Field Technique
Kenji Makita / *Dept. Radiology, Ehime University Graduate School of Medicine*
- C116** Outcomes of Chemoradiation Therapy for Limited-disease Small Cell Lung Cancer in Our Hospital
Norihisa Katayama / *Dept. of Radiology, Okayama University Medical School*
- C117** Changes in Volume and Tumor Position during Stereotactic Body Radiotherapy of Lung
Nishimura Keiichiro / *Depart. Radiation Oncology, Saitama Medical Center, Saitama Medical Univ*
- C118** GTV-based Prescription in SBRT for Lung Tumors
Komiya Takafumi / *Dept of radiology, University of Yamanashi*

April 15 (Sun.)

9:10-9:59 (Poster Presentation Booth 1)

25. Radiation Oncology 2: Skin tumor/Bone metastasis/Miscellaneous Tatsuya Ohno

- C119** Re-calcification of Spinal Bone Metastases after Radiation Therapy in Breast Cancer
Nanae Yamaguchi / *Dept. of Radiation Oncology, Juntendo University School of Medicine*
- C120** Efficacy and Safety of Single Fraction Palliative Radiation Therapy for Non-osseous Metastases
Ryosuke Takenaka / *Tokyo Teishin Hospital*
- C121** Quantitative Evaluation of the Calcification after the Radiation Therapy
Hattori Hidekazu / *Dept. of Radiology, Fujita Health University School of Medicine*
- C122** Efficacy of Radiotherapy Alone for Merkel Cell Carcinoma
Kana Kobayashi / *Dept. of Radiology, Kochi University*
- C123** Serial Imaging Analysis by Both Absolute Partial Pressure of Oxygen (pO₂) and Hyperpolarized [¹³C] Pyruvate Metabolism Changes in Cancer Treatment
Masayuki Matsuo / *Department of Radiology, Gifu University*
- C124** Effect of Tirapazamine, Metformin or Mild Temperature Hyperthermia on Recovery from Radiation-Induced Damage in Pimonidazole-Unlabeled Probably Oxygenated Quiescent Tumor Cells
Shin-ichiro Masunaga / *Particle Radiat. Biol., Div. Radiat. Life Sci., Res. Reactor Inst., Kyoto University*
- C125** Clinical Outcome of the Treatment with a Single-fraction Dose of Radiation for Mycosis Fungoides
Kae Okuma / *Dept. of Radiology, University of Tokyo Hospital*

10:10-10:45 (Poster Presentation Booth 1)

26. Radiation Oncology 3: Abdomen/**Gastrointestinal** Atsuya Takeda

- C126** Treatment Outcomes of Radiotherapy for Lymphnode Recurrence after Radical Surgery for Esophageal Cancer
Hiromitsu Kanzaki / *Dept. of Radiotherapy, National Hospital Organization Shikoku Cancer Center*
- C127** Palliative Radiotherapy in the Local Management of Stage IVB Esophageal Cancer
Gen Suzuki / *Dept. of Radiology, Kyoto Prefectural University of Medicine*
- C128** Treatment Outcomes of Radiation Therapy for Portal Vein Tumor Thrombosis in Hepatocellular Carcinoma
Mika Nakatake / *Dept. of Radiology, National Hospital Nagasaki Medical Center*
- C129** Clinical Outcomes after Carbon-ion Radiotherapy for Primary Renal Cell Carcinoma
Goro Kasuya / *NIRS*
- C130** Early Outcomes in CT-based High Dose Rate Image-guided Brachytherapy for Uterine Cervical Cancer
Hiroki Ihara / *Dept. of Proton Beam Therapy, Okayama University Graduate School*

11:00-11:28 (Poster Presentation Booth 1)

27. Radiation Oncology 4: Head and neck

Ryoichi Yoshimura

- C131** Chemoradiotherapy for Non-operated Tongue Cancer
Shinichiro Toyoshima / *Dept. of Radiology, Toyama Prefectural Central Hospital*
- C132** Salvage Re-irradiation Using Intensity Modulated Radiation Therapy in Head and Neck Rare Tumors
Hiroshi Doi / *Miyakojima IGRT Clinic*
- C133** Evaluation of Treatment Outcome of Curative Chemoradiotherapy for Paranasal Sinus Cancer
Tomohiko Tanino / *Dept. of Radiology, Tottori University School of Medicine*
- C134** Treatment Outcome of Intra-arterial Chemoradiotherapy for Locally Advanced Head and Neck Cancer in Patients Aged over 90 Years: Case Report
Takamitsu Mase / *Dept. of Radiotherapy, Ise Red Cross Hospital*

13:00-13:28 (Poster Presentation Booth 1)

28. Radiation Oncology 5: Neuro

Takeo Takahashi

- C135** Therapeutic Efficacy of Hypofractionated Stereotactic Radiotherapy for Inoperable Arteriovenous Malformation
Takafumi Yamano / *Dept. of Radiation Oncology, Saitama Medical Center Hospital*
- C136** Comparison of Gamma Knife Radiosurgery and Fractionated Radiotherapy in Patients with Intracranial Grade II and III Meningiomas
Wataru Takahashi / *Dept. of Radiology, the University of Tokyo Hospital*

C137 Feasibility and Efficacy of Individualized Radiation Therapy for Primary Central Nervous System Lymphoma: Radiation Treatment Planning According to Radiographic Assessment
Yoko Morimoto / *Dept. of Radiation Oncology, Nara Medical University*

C138 Cognitive Function Transition after Prophylactic Cranial Irradiation in Patients with Small Cell Lung Cancer
Toshimichi Nakano / *Dept. of Radiology and Radiation Oncology, Niigata University Graduate School of Medical and Dental Sciences*

9:10-9:45 (Poster Presentation Booth 2)

29. Uroradiology Hiroshi Shinmoto

C139 Evaluation of Kidney Tissue Oxygen Saturation by Photoacoustic Imaging for the Early Prediction of Renal Function in Ischemia-reperfusion Kidney
Kenichiro Okumura / *Dept. Radiology, Kanazawa University Graduate School of Medicine*

C140 MRI of Prostate Cancer: Correlation with Pathological Findings and Correlation with Category Classification in PI-RADS
Masasuke Kohzai / *Dept. of Radiology, Kansai Medical University*

C141 Initial Experience with MRI-US Fusion Prostate Needle Biopsy; Learning Curve Analysis and Suggestions from Diagnostic Imaging Division
Nozomi Ohashi / *Advanced Imaging Center, Niimura Hospital*

C142 Initial Experience with MRI-US Fusion Prostate Needle Biopsy; Correlation between Biopsy Results and PI-RADS Category
Nozomi Ohashi / *Advanced Imaging Center, Niimura Hospital*

C143 Deviation of Pelvic Organs in the Upright Position: Evaluation in Healthy Population Using a 320-detector Row Upright CT
Keiichi Narita / *Dept. of Diagnostic Radiology, Keio University School of Medicine*