

Electronic Poster Presentation Programs

April 14 (Fri.)

9:10-9:45 (Poster Presentation Booth 1)

1. Cardiovascular 1: Coronary A and muocardium Yasuyuki Kobayashi

- C001** Utility of Coronary CT Angiography in Detection of Irregularity of Plaque Surface, Which May Predict Coronary Artery Re-stenosis
Hideaki Suzuki / Dept. of Radiology, Omori Medical Center Toho University School of Medicine
- C002** Diagnostic Performance of a Model to Predict Thin-cap Fibroatheroma Using Coronary CT Angiography
Nobuo Tomizawa / Dept. of Radiology, New Tokyo Hospital
- C003** Is Coronary Computed Tomography Angiography Justified for Symptomatic Females Less Than 50 Years Old?
Makoto Amanuma / Dept. of Radiology, Takase Clinic
- C004** Is Type O Blood a Risk Factor of Coronary Heart Disease in Japanese People? Evaluation by Coronary Computed Tomography Angiography
Makoto Amanuma / Dept. of Radiology, Takase Clinic
- C005** The Usefulness of Iodine Density Image Using Single Source Dual-energy CT for Qualitative and Quantitative Evaluations of Myocardial Infarction
Shinichiro Kitao / Dept. Radiology, Tottori University Faculty of Medicine

10:00-10:28 (Poster Presentation Booth 1)

2. Cardiovascular 2: Miscellaneous Shigeo Okuda

- C006** Diagnostic Performance of CT-derived Fractional Flow Reserve Based on Structural and Fluid Analysis: Comparison with Invasive Fractional Flow Reserve
Kanako Kumamaru / Dept. of Radiology, Juntendo University
- C007** Cardiac Effect of Cardiac Pacemaker Oversensing During ECG-gated Helical CT Scan
Eriko Maeda / Dept. of Radiology, University of Tokyo, School of Medicine
- C008** Usefulness of Myocardial Iodine Density and Extracellular Volume Fraction with Dual-energy CT in Differentiation of Dilated Cardiomyopathy from Normal Myocardium
Yasutoshi Ohta / Dept. of Radiology, Tottori University Faculty of Medicine
- C009** Assessment of Cardiac Amyloidosis by Myocardial Strain Analysis of Cardiac Magnetic Resonance Imaging
Seitaro Oda / Dept. of Diagnostic Radiology, Kumamoto University

11:00-11:42 (Poster Presentation Booth 1)

3. Radiation Oncology 1: Head and neck Ryohei Sasaki

- C010** Feasibility of IMRT for Primary Squamous Cell Carcinoma in the Temporal Bone
Miyako Myojin / Dept. of Radiation Oncology, Keiyukaisapporo Hospital

- C011** Treatment Outcome after Radiation Therapy for Mucosal Malignant Melanoma of Head and Neck
Koichi Yasuda / Global Station for Quantum Medical Science and Engineering, GI-CoRE, and Department of Radiation Medicine, Hokkaido Univ.

- C012** Postoperative Radiotherapy for Tongue Cancer
Shinichiro Toyoshima / Dept. of Radiation Oncology, Toyama Prefectural Central Hospital

- C013** Usability of Intraoral Stent in Radiotherapy: Reduction of Setup Errors in Head and Neck Cancer Patients
Hiroshi Doi / Department of Radiology, Hyogo College of Medicine

- C014** Predictive Value of Volume-based Parameters on Post-radiotherapy FDG-PET in Patients with HNSCC
Kei Nagasaki / Dept. of Radiology Ehime University

- C015** Influence of Delay of Postoperative Radiotherapy on Treatment Outcomes of Head and Neck Squamous Cell Carcinoma
Yasushi Hamamoto / Dept. of Radiology, Ehime University

15:10-15:52 (Poster Presentation Booth 1)

4. Neuroradiology 1 Akira Kunimatsu

- C016** 4D Flow Assessment of Ophthalmic Artery Flow in Patients with Atherosclerotic Internal Carotid Artery Stenotic Disease
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School
- C017** Bright Vessel Appearance in Patients with Acute Cerebral Infarction Using Perfusion MR Imaging with 3D Pseudo-continuous Arterial Spin Labeling
Yuki Shinohara / Dept. of Radiology, Tottori University
- C018** Histogram Analysis of Intravoxel Incoherent Motion to Assess High T2-weighted Signal Intensity Around Brain Tumor: Initial Clinical Experience
Kazuhiro Murayama / Department of Radiology, Fujita Health University School of Medicine
- C019** Changes in Appearance of Carmustine (Gliadel) Wafers on MRI Over Time: A Phantom Study
Satoshi Doishita / Dept. of Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine
- C020** Differentiating Glioblastoma from Lymphoma by ELTE (Enhancement Less Than Expected)
Takashi Katsube / Dept. of Radiology, Faculty of Medicine, Shimane University School
- C021** Diffusivity in Pituitary Adenoma: Comparison with Multi-shot EPI and Single-shot TSE Technique
Akio Hiwatashi / Department of Clinical Radiology Graduate School of Medical Sciences Kyushu University

16:00-16:42 (Poster Presentation Booth 1)

5. Neuroradiology 2 Makoto Sasaki

- C022** Quantitative Comparison of Gadobutrol and Gadopentetate Dimeglumine for Dynamic Contrast-enhanced Magnetic Resonance Imaging
Yutaka Hoshino / Hokkaido University School of Medicine

- C023** Surface-based Morphometric MRI Analysis in Brain with Hepatic Virus Infection
Junko Kikuta / *Department of Radiology, Nihon University School of Medicine*
- C024** A New Brain CT Reference Line: A Tangential Line from the Lower Eyelid to the The Inner Occipital Base
Hiroshi Ishizaka / *Dept of Radiology, Maebashi Red Cross Hospital*
- C025** Reduced Insula Cortex Volumes in MDD Patients with the s/s Genotype of 5-HTTLPR: VBM Study in a Japanese Population
Natsuki Igata / *Department of Radiology, University of Occupational and Environmental Health, Kitakyushu, Japan*
- C026** MRI-based Volumetry of the Virchow Robin Spaces - An Initial Clinical Experience
Koichi Takano / *Dept. of Radiology, Fukuoka University Faculty of Medicine*
- C027** MR Imaging Findings of Peripheral Facial Palsy: Differentiation between Bell's Palsy and Ramsay-Hunt Syndrome
Keita Kuya / *Dept. of Radiology, Tottori University*

17:00-17:49 (Poster Presentation Booth 1)

6. Radiation Oncology 2: STI and CPT

Hidetoshi Kobayashi

- C028** Investigation of Plan Quality of Non-coplanar VMAT SRT for Multiple Brain Metastases
Kotaro Yoshio / *Dept. of Radiology, Kagawa prefectural central hospital*
- C029** Safety and Efficacy of Carbon-ion Radiotherapy for Non-squamous Cell Carcinoma in Head and Neck
Katsuyuki Shirai / *Gunma University Heavy Ion Medical Center*
- C030** The Results of Dose Escalated Stereotactic Body Radiotherapy for Stage IA Non-small Cell Lung Cancer
Takafumi Komiyama / *Dept. of Radiology, University of Yamanashi Faculty of Medicine*
- C031** Radiotherapy for Solitary Pulmonary Nodules after Resection of Lung Cancer: A Comparison between Stereotactic Body Radiotherapy and Conventionally Fractionated Radiotherapy
Shigeo Takahashi / *Dept. of Radiation Oncology, Kagawa University Hospital*
- C032** First-in-human Visualization of Complex DNA Double-strand Breaks in Tumor Treated with Carbon Ion Radiotherapy Using Advanced High-resolution Microscopy
Takahiro Oike / *Dept. of Radiation Oncology, Gunma University Graduate School of Medicine*
- C033** Stereotactic Body Radiation Therapy for Lymph Node Metastases
Kan Marino / *Dept. of Radiology, Yamanashi University School of Medicine*
- C034** Technical Results of Total Skin Irradiation Using Helical TomoTherapy
Kae Okuma / *Dept. of Radiology, The University of Tokyo Hospital*

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

7. Interventional Radiology 1: TAE Koji Sugimoto

- C035** The Feasibility of DEB-TACE for Lung and Mediastinal Tumors
Yoshihisa Kodama / *Dept. of Radiology, Teine Keijinkai Hospital*
- C036** Consideration for Outcome of Beads-TACE in Our Hospital
Yu Sasaki / *Dept. of Radiology, Yamanashi University school of Medicine*
- C037** Evaluation of Transarterial Chemoembolization with Drug Eluting Beads for Hepatocellular Carcinoma and the Relationship between Vascular Lake and Local Response
Takayuki Sanomura / *Dept. of Radiology, Faculty of Medicine, Kagawa University*
- C038** Uterine Artery Embolization (UAE) Combined with Dilation and Curettage (D&C) for the Treatment of Cesarean Scar Pregnancies (CSP)
Hiroyuki Tokue / *Dept. of Radiology, Gunma University School of Medicine*
- C039** Evaluation of the Transcatheter Arterial Embolization with N-Butyl-2- Cyanoacrylate in the Management of Refractory Spontaneous Hematoma
Yasufumi Ohuchi / *Dept. of Radiology, Faculty of Medicine, Tottori University*

10:00-10:49 (Poster Presentation Booth 2)

8. Interventional Radiology 2: Miscellaneous

Tadashi Shimizu

- C040** Analysis of Eye Lens Radiation Dose Estimated on Film Badges and Electronic Pocket Dosimeters in Transarterial Chemoembolization(TACE)
Masakazu Hirakawa / *Dept. of Radiology, Kyushu University Beppu hospital*
- C041** Evaluation of Our Institution's Success Rate for Adrenal Venous Sampling (AVS)
Kazuya Kawashima / *Dept. of Radiology, Iwate Medical University*
- C042** The Usefulness of the Small Bore Catheter Thoracostomy Under Chest CT Guidance for Complicated Parapneumonic Effusions or Empyemas
Mika Kodani / *Dept. of Radiology, Tottori University School of Medicine*
- C043** Stage I Non-small-cell Lung Cancer Patients Treated by Radiofrequency Ablation Versus Stereotactic Body Radiation Therapy: Evaluation of Single Center Experience
Toshihiro Iguchi / *Dept. of Radiology, Okayama University Medical School*
- C044** Development of Novel Steerable Needle Using Active Sheath Mechanism
Norihisa Nitta / *Department of Radiology, Shiga University of Medical Science*
- C045** Robotic CT-guided IR: Results of Phantom and Animal Experiments with 3rd-generation Robot (Zerobot®)
Takao Hiraki / *Dept. of Radiology, Okayama University Medical School*
- C046** The Evaluation of Intra-arterial Chemotherapy for Invasive Bladder Carcinoma
Kazumichi Tsukamoto / *Dept. of Radiology, Tottori University Faculty of Medicine*

15:10-15:59 (Poster Presentation Booth 2)

9. Abdomen 1: Lve and pancreas

Manabu Hashimoto

C047 Tumor-vascular Conspicuity in Hepatic Malignancies Using Rapid KVp-switching Dual Energy CT: to Compare Low-keV Images with Equivalent-keV Images

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

C048 Imaging Features of Serum Amyloid a Hepatocellular Neoplasm (SAA-HN) Arising from Alcoholic Liver Cirrhosis: Comparison with Hypervascular HCC

Norihide Yoneda / *Dept. of Radiology, Kanazawa University Hospital*

C049 Imaging Characteristics of OATP1B3 Positive Hepatocellular Carcinoma: Reanalysis from Different Points of View

Azusa Kitao / *Department of Radiology, Kanazawa University Hospital*

C050 Factors Affecting Washout of Hepatocellular Carcinoma in the Equilibrium Phase of Dynamic Contrast-enhanced CT

Makoto Sakane / *Dept. of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*

C051 Does Autoimmune Pancreatitis Cause Encasement of the Extrapancreatic Arteries?

Fumihito Toshima / *Dept. of Radiology, Ishikawa Prefectural Central Hospital / Dept. of Radiology, Kanazawa University School of Medical Science*

C052 Solid Pseudopapillary Neoplasm of the Pancreas: CT Findings in Six Patients

Kentaro Mochizuki / *Dept. of Diagnostic Radiology, Toyama Prefectural Central Hosp.*

C053 Pancreatic Changes in Patients with Viral Hepatitis-induced Cirrhosis: MRI Evaluation

Tomohiro Sato / *Dept. of Diagnostic Radiology, Kawasaki Medical School*

16:30-17:05 (Poster Presentation Booth 2)

10. Chest 1: Tumor

Kiminori Fujimoto

C054 The Added Value of Computer-aided Detection System Based on Chest Tomosynthesis Imaging for the Detection of Pulmonary Nodules

Yoshitake Yamada / *Dept. of Radiology, Keio University School of Medicine*

C055 Flat Shaped Attenuation Area on Chest X-ray May Reveal a Primary Lung Cancer

Akinaga Sonoda / *Shiga University of Medical Science*

C056 Anterior Mediastinal Solid Tumors: Characterization Using Apparent Diffusion Coefficient Histogram Analysis and Dynamic Contrast-enhanced MRI

Takahiko Nakazono / *Dept. of Radiology, Faculty of Medicine, Saga University*

C057 CT Features Associated with EGFR T790M Mutation Status in Patients with Lung Adenocarcinoma with Acquired Resistance to EGFR-TKIs

Hiroto Hakamada / *Dept. of Radiology, Kagoshima University Graduate School of Medical and Dental Sciences*

C058 Correlation between Kurtosis of CT Density Histograms and Standardized Uptake Values of FDG-PET/CT in Solid Primary Lung Cancer

Maho Tsubakimoto / *Dept. of Radiology, Graduate School of Medical Science, University of the Ryukyus*

17:10-17:38 (Poster Presentation Booth 2)

11. Chest 2: Miscellaneous

Masashi Takahashi

C059 Difference in Diaphragmatic Motion During Tidal Breathing between COPD Patients and Normal Subjects: Time-resolved Quantitative Evaluation Using Dynamic Chest Radiography

Yoshitake Yamada / *Dept. of Radiology, Keio University School of Medicine*

C060 CT Guided Lung Nodule Marking with Indocyanine Green Prior to VATS

Keisuke Nagai / *Dept. of Radiology, Osaka National Hospital*

C061 Optimal Beam Quality for Chest Flat Panel Detector System: Realistic Phantom Study

Chie Kuwahara / *Dept. of Radiology, University of Occupational and Environmental Health*

C062 Pleuroparenchymal Fibroelastosis (PPFE) Finding on CT in Daily Practice: Prevalence and Serial Changes

Ryoko Egashira / *Dept. of Radiology, Saga University*

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12. Radiation Oncology 3

Tadashi Kamada

C063 Palliative Reirradiation for Painful Bone Metastasis

Gen Suzuki / *Department of Radiology, Graduate School of Medical Science, Kyoto Prefectural University of Medicine*

C064 Reirradiation of Paraspinal In-field Recurrences with IG-VMAT

Yukio Akagi / *Hiroshima Heiwa Clinic High-Precise Radiotherapy Center*

C065 Requests of Palliative Radiation Therapy Were Increased by the Change of National Health Insurance

Ryosuke Takenaka / *Dept. of Radiology, Tokyo Teishin Hospital*

C066 Evaluation About Quality of Life and Psychophysiological Effect in Patients Treated with Palliative Radiotherapy for Cancer Recurrence or Metastasis

Takafumi Yamano / *Dept. of Radiation Oncology, Saitama Medical University Center*

C067 Adverse Events after Palliative Radiation Therapy for Non-small Cell Lung Cancer Patients Treated with Molecular-targeted Agents

Takesumi Ozawa / *Dept. of Radiology, Shinshu University School of Medicine*

10:00-10:35 (Poster Presentation Booth 1)

13. Radiation Oncology 4

Masahiko Aoki

C068 Long-term Survival in a Case of Advanced Hepatocellular Carcinoma Treated with Multidisciplinary Therapies

Masayuki Ito / *Department of Radiation Oncology, Fujita health university School of Medicine*

C069 Clinical Outcomes of Preoperative Chemoradiotherapy for Locally Advanced Rectal Cancer

Hiromi Sakaguchi / *Dept. of Radiology, Tottori University School of Medicine*

- C070** Combined High-dose-rate Brachytherapy (HDR-BT) and Intensity-modulated Radiation Therapy (IMRT) Including Pelvic Lymph Nodes for High Risk Prostate Cancer
Tomoyasu Kumano / Dept. of Radiology, Kanazawa University
- C071** Comparison of MRI/CT Fusion and CT for Prostate Postimplant Dosimetry Using Sector Analysis
Noriyasa Katayama / Okayama University, Radiology
- C072** Image Guided Brachytherapy for Uterine Cervical Cancer in Our Institution
Yuko Kaneyasu / Dept. of Radiation Oncology, Fukuyama Medical Center

11:00-11:35 (Poster Presentation Booth 1)

14. Radiation Oncology 5 Takeshi Kodaira

- C073** Case Series Analysis of External Beam Radiotherapy for Thyroid Cancer in a University Hospital
Noriyasu Sekiya / Dept. of Radiology, Tokyo University School of Medicine
- C074** The Effective Measurement of Chemoradiotherapy for Breast Cancer with Severe Skin Symptom (DESIGN-R)
Noriko Horikawa / Dept. of Radiology, Nara Prefecture General Medical Center
- C075** Prognostic Value of HER2 Status in Breast Cancer Patients with Brain Metastases
Shintaro Tsuruoka / Dept. Radiology, Shikoku Cancer Center
- C076** Radiotherapy for Five Cases with Kimura Disease
Miki Shioi / Dept. of Radiology, University of Niigata
- C077** The Importance of Clinical Course in the Management of an Internal Auditory Canal Tumor
Shinya Sutani / Department of Radiology, National Hospital Organization Tokyo Medical Center

13:00-13:35 (Poster Presentation Booth 1)

15. NM 1: Neuro Hitoshi Terada

- C078** Site-based Metabolic Tumor Volume May Be a Prognostic Factor in Patients with Differentiated Thyroid Carcinoma
Kenji Hirata / Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine
- C079** ¹⁸F-FDG PET Findings of Spinal Cord Tumors
Kentaro Kobayashi / Dept of Nuclear Medicine, Hokkaido University
- C080** Clinical ZTE Attenuation Correction for Brain FDG-PET/MR Imaging
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School
- C081** Clinically Uncertain Parkinsonian Syndromes: Usefulness of ¹²³I-FP-CIT SPECT for Their Differentiation
Kenta Anai / Dept. of Radiology, University of Occupational and Environmental Health School of Medicine
- C082** Comparison of Semi-quantitative Parameters Normalized by Various Reference Areas on ¹²³I-ioflupane SPECT in Diagnosing Parkinson's Disease
Yoichi Mizutani / Dept. of Radiology, Univ of Miyazaki

13:50-14:25 (Poster Presentation Booth 1)

16. NM 2: Chest Yusuke Inoue

- C083** FDG-PET Evaluation of Anterior Mediastinal Masses: Among Thymomas, Thymic Cancer, and Malignant Lymphomas
Yo Kaneko / Dept. of Radiology, Gifu University Hospital
- C084** Diagnostic Value of Dynamic F-18 FDG PET/CT for the Evaluation of Intrathoracic Lymph Nodes in Patients with Lung Cancer
Takayoshi Shinya / Dept. of Radiology, Tokushima University Hospital
- C085** Differentiation of Cardiac Sarcoidosis Lesions and Physiological FDG Uptakes Using Texture Analysis
Osamu Manabe / Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine
- C086** Incremental Value of Myocardial Perfusion Reserve for Detection of Multi-vessel Coronary Artery Disease with Use of a Cadmium-zinc-telluride SPECT
Emiri Watanabe / Dept. of Radiology, Ehime University Graduate School of Medicine
- C087** Comparison of MBF and MFR by Dynamic SPECT with Clinical Risk Factors of CAD in Patients with Normal MPS
Shinya Shiraishi / Department of Diagnostic Radiology, Graduate School of Life Sciences, Kumamoto University

14:40-15:22 (Poster Presentation Booth 1)

17. NM 3: MSA and others Yoshihiro Nishiyama

- C088** Diagnostic Performance of Bone Scintigraphy and FDG-PET/CT for Bone Metastasis
Toshiro Ozaki / Dept. Radiology, Niigata Cancer Center Hospital
- C089** FDG-PET Diagnosis of Rheumatoid Arthritis in the Usual Scans
Suga Tsuyoshi / Dept. of Radiology, Tenri Hospital
- C090** PET/MR Versus PET/CT in Suspected Occult Tumors, Using a Trimodality PET/CT+MR System
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School
- C091** ¹⁸F-FDG Dose Reduction in Clinical PET/MR with SiPM Detector Based on Patient BMI
Tetsuro Sekine / Dept. of Radiology, Nippon Medical School
- C092** The Role of ¹⁸-FDG PET/CT in Primary Skin Malignancy
Tamaki Ichikawa / Dept. of Radiology, Tokai University School of Medicine
- C093** The Influence of the Surrounding Tissue Activities on Metabolic Tumor Volume Assessment
Akira Arai / Dept. of Radiology, Sendai Seiryō Clinic

15:40-16:08 (Poster Presentation Booth 1)

18. NM 4: RI therapy and others Mayuki Uchiyama

- C094** Experience of the Foreign Radioiodine (¹³¹I) Therapy after the Total Thyroidectomy in the Differentiated Thyroid Cancer
Naoki Kan / Dept. of Radiology, Kansai Medical University
- C095** Preliminary Experience of Yttrium-90 Ibritumomab Tiuxetan in Patients with Low-Grade B Cell Non-Hodgkin Lymphoma
Junichi Yokouchi / Dept. of Radiation Oncology, Aomori Prefectural Central Hospital

C096 Production of At-211 by In-house Cyclotron and Characterization at Fukushima Medical University
Noboru Oriuchi / *Advanced Clinical Research Center*

C097 Tumor Accumulation Difference of Ga-67 Labeled Anti-HER2 Antibody Made by Site Specific or Not
Yumiko Kono / *Dept. of Radiology, Kansai Medical University*

9:10-9:59 (Poster Presentation Booth 2)

19. Urology and gynecology Satoru Takahashi

C098 Kinking of the Upper Ureter in CT Urography: Anatomic and Clinical Significance
Minobu Kamo / *Department of Radiology, St. Luke's International Hospital*

C099 The Peak Site of Stone Impaction in the Upper Ureter with Respect to a Newly Identified Area of Constriction
Minobu Kamo / *Department of Radiology, St. Luke's International Hospital*

C100 Metabolite Changes in Ischemic Testes Detected by Magnetic Resonance Spectroscopy
Masayuki Yamaguchi / *Division of Functional Imaging, National Cancer Center*

C101 Detectability of T1a (≤ 4 cm) Renal Cell Carcinoma on Screening Non-contrast CT
Aiko Gohara / *Dept. of Radiology, Shimane University Faculty of Medicine*

C102 Separate Detection of Iron and Fat by Dual Energy CT: Experimental Study Using Phantoms and Iron and Fat Mixtures
Hiroaki Terada / *Dept. of Radiology, Hiroshima University School of Medicine*

C103 The Detectability of Prostate Cancer at Dynamic Contrast Enhanced MRI: Comparison of Gadobutrol and Other Gadolinium Contrast Media
Takeshi Hara / *Department of Radiology, NHO Iwakuni clinical center*

C104 CT and MR Imaging Findings of Uterine Carcinosarcoma: Qualitative and Quantitative Analysis
Takeru Fukunaga / *Division of Radiology, Tottori University Faculty of Medicine*

10:40-11:08 (Poster Presentation Booth 2)

20. Breast 1 Mari Kikuchi

C105 Assessing the Extent of Breast Cancer Using Dual Energy CT
Koichi Ishiyama / *Dept. of Radiology, Akita University School of Medicine*

C106 Quantitative Analysis of Contrast-enhanced Ultrasound for Diagnosis of Early Lymph Node Metastasis of Breast Cancer
Naoko Mori / *Dept. of Diagnostic Radiology, Tohoku University Graduate School of Medicine*

C107 Luminal-type Breast Cancer Imaged by Intravoxel Incoherent Motion and Dynamic Contrast-enhanced MR Imaging: Relation to the Ki-67 Labeling Index
Hiroko Kawashima / *Faculty of Health Sciences, Kanazawa University*

C108 Intratumoral Kinetic Heterogeneity of Invasive Breast Cancer: Comparison between Dynamic MRI Parameters and Prognostic Markers
Ken Yamaguchi / *Dept. of Radiology, Saga University*

11:20-11:48 (Poster Presentation Booth 2)

21. Breast 2 Ryusuke Murakami

C109 Prognostic Value of SUV Max on ^{18}F -FDG PET/CT in Early Stage Breast Cancer Patients Without LN Metastasis
Ryusuke Murakami / *Dept. of Radiology, Nippon Medical School*

C110 Diagnostic Advantage of Breast Cancer Detection in Digital Breast Tomosynthesis
Hitomi Tani / *Dept. of Radiology, Nippon Medical School*

C111 Study of Nuclear Grade Prediction of DCIS Based on Mammographic Findings
Naoko Koyanagi / *breast centre, Japan Anti-Tuberculosis Association Fukujuji Hospital*

C112 Effect of Size and Location of Tumor on Measurement of Optical Parameters of Breast Cancer by Time-resolved Near-infrared Spectroscopy
Nobuko Yoshizawa / *Department of Diagnostic Radiology & Nuclear Medicine, Hamamatsu University School of Medicine*

15:00-15:42 (Poster Presentation Booth 2)

22. Gastrointestinal Masamitsu Hatakenaka

C113 Evaluation of Gastric Cancer Early Lesions Using Tomosynthesis by Successive Approximation Method
Masaki Tachi / *Dept. of Radiology, Nippon Medical School*

C114 Development and Validation of Magnetic Resonance Enterocolonography Scoring System for Crohn's Disease Using Decision Tree Analysis
Yoshio Kitazume / *Dept. of Radiology, Tokyo Medical and Dental University*

C115 Morphologic Evaluation Related to the Extramural Invasion of Rectal Cancer Using MRI: Compare MRI and Histopathological Findings
Satomi Morise / *Dept. of Radiology, Kansai Medical University*

C116 Cecal Vein Identification: Feasibility and Diagnostic Usefulness
Osamu Sato / *Dept. of Radiology, North Medical Center Kyoto Prefectural University of Medicine*

C117 Gastric Submucosal Vessels Visualized on Contrast Enhanced CT Gastrography: Morphological Classification on Virtual Dissection Wall-carving Image and Its Clinical Significance
Daisuke Tsurumaru / *Dept. of Radiology, Kyushu University*

C118 Reducing the Radiation Dose for CT Colonography Using Forward Projected Model-based Iterative Reconstruction Solution: Preoperative Assessment of Colorectal Cancer
Narumi Taguchi / *Dept. of Radiology, Kumamoto University Hospital*

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23. Pediatric / Whole Body / Emergency radiology Shunsuke Nosaka

C119 Analysis of 4 Typed HIE, Including Total Brain Injury, with ADC Score and MRI Score
Sachiko Koshino / *Radiology, Japanese red cross Kyoto diichi Hospital, Kyoto, Japan*

C120 MR Assessment of Fetal Lung Development by Lung Signal Intensities and Lung Volume Measurements
Ryo Ogawa / Dept. of Radiology, Ehime University Graduate School of Medicine

C121 Computed Tomography Findings in Epstein-Barr Virus (EBV)-positive Diffuse Large B-cell Lymphoma (DLBCL) of the Elderly: Comparison with EBV-negative DLBCL
Fumito Okada / Dept. of Radiology, Oita University Faculty of Medicine

C122 CT Findings in Severe Fever with Thrombocytopenia Syndrome; An New Emerging Infection Vectored by a Tick
Takashi Koyama / Department of Diagnostic radiology, Kurashiki Central Hospital

C123 Frequency of Acute Head Trauma Findings on Whole-body CT in Patients Without Physical and Neurological Evidence in Traffic Trauma
Keiji Kitatani / Dept of Radiology, Faculty of Medicine, Miyazaki University

10:00-10:35 (Poster Presentation Booth 1)

24. IT and others Yasuo Takehara

C124 Model-based Iterative Reconstruction Reduces Image Noise and Improves Small Vessel Depiction: Assessment in Dynamic CT for Pancreatic and Biliary Diseases
Yusuke Watanabe / Dept. of Radiology, Graduate School of Medicine, The University of Tokyo

C125 Dual Energy Computed Tomography for the Assessment of Lipiodol Deposition in Transnodal Lymphangiography: A Pilot Study
Kohei Hamamoto / Dept. of Radiology, Saitama Medical Center, Jichi Medical University

C126 Feasibility of New Apoptosis-specific Ultrasmall Superparamagnetic Iron Oxide (USPIO) Particles: Experimental Investigation
Akihiro Nishie / Department of Clinical Radiology, Kyushu University

C127 Enhancement of Radiological Regional Collaboration System (3rd Report): Medical Record Sharing Beyond Radiology, and Access Log Analysis
Ryosuke Hirakata / Dept. of Radiology, Shin-Kokura Hospital

C128 Effect of Aroma to Recover from Fatigue by Long Time Image Interpretation, Using FNIRS
Takashi Nihashi / Dept. of Radiology, Nagoya University School of Medicine

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

25. MSK Hajime Fujimoto

C129 Prevalence and Distribution of Intervertebral Cervical Disc Degeneration in Brain Dock Examinees and Its Relationship with Metabolic Syndrome
Atsuko Oda / Dept. Radiology, Tohoku Central Hospital of the Mutual Aid Association of Public School Teachers

C130 Analysis of Bone Mineral Density in Individuals with Thalidomide Embryopathy: Comparison Among Types of Disabilities
Kota Yokoyama / Dept. of Radiology, National Center for Global Health and Medicine

C131 Initial Experience of High-resolution Peripheral Quantitative Computed Tomography in the Evaluation of Bone Changes in Rheumatoid Arthritis: Comparison with MRI

Nozomi Oki / Dept. of Radiological Science, Nagasaki University Graduate School of Biomedical Sciences

C132 Immunoglobulin G4-related Paravertebral Lesions: CT Findings in 24 Patients
Takahiro Komori / Dept. of Radiology, Kanazawa University Graduate School of Medical Science

9:10-9:38 (Poster Presentation Booth 2)

26. Radiation Oncology 6: skin and fundamental research Tetsuo Akimoto

C133 Cytoplasmic Methionine Transfer-RNA Foci Induced by Radiation Stress in Several Cancer Cell Lines
Atsuto Katano / Dept. of Radiology, University of Tokyo Hospital

C134 Effect of Tirapazamine and Mild Temperature Hyperthermia on the Recovery from Radiation-induced Damage in Pimonidazole-unlabeled Probably Oxygenated Intratumor Quiescent Cells
Shin-ichiro Masunaga / Particle Radiat. Biol., Div. of Radiat. Life Sci., Res. Reactor Inst., Kyoto Univ.

C135 Single Institutional Experience of the Treatment of Localized Angiosarcoma of the Scalp
Hiroki Ihara / Dept. of Proton Beam Therapy, Okayama University Graduate School

C136 Effect of Chemoradiotherapy Using Low-dose Carcinostatic Drug for HeLa-S3 and MIA Paca Cells
Aki Kanazawa / Dept. of Radiology, Chiba University School of Medicine

10:40-11:08 (Poster Presentation Booth 2)

27. Liver 1: Anatomy Hiroki Haradome

C137 Variations in Subdivision of Right Anterior Superior Area (Segment 8) of the Liver in Relation to Hepatic Venous Drainage
Yoshito Nishikawa / Dept. of Radiology, Nippon Medical School

C138 Morphometric Analyses of Small Accessory Liver Lobes
Kumi Ozaki / Dept. of Radiology, Fukui Prefectural Hospital

C139 A Bridging Band-like Structure Connecting the Abdominal Wall and Lateral Segment of the Liver in the Patients with Massive Ascites
Mizuho Ishiyama / Dept. of Radiology, Kanazawa University School of Medicine

C140 Periportal Lymphatic MR Images Following Hepatobiliary Phase on Gd-EOB-DTPA-enhanced Imaging at 3.0-T
Maki Kiyonaga / Dept. of Radiology, Oita University Faculty of Medicine

11:20-11:48 (Poster Presentation Booth 2)

28. Liver 2: MRI technique and others Koki Yoshikawa

C141 Effect of Gravity on Portal Venous Flow: A Preliminary Study Using Gravity MRI
Yoshisuke Kadoya / Dept. of Radiology, Kanazawa University School of Medicine

C142 Imaging Findings of the Liver after Fontan Procedure
Chiaki Ueshima / Dept. of Radiology, Kanazawa University Graduate School of Medical Sciences

- C143** Diagnostic Acceptability Assessment of Non-contrast-enhanced 3D MR Portography Within a Breath-hold Using Compressed Sensing Acceleration
Ayako Ono / Dept. of Radiology, Kyoto University Hosp.
- C144** Hepatic Fat Quantification Using Automated Six-point Dixon of 3.0T Magnetic Resonance Imaging: Comparison with Chemical Shift Based Sequences and CT
Tomohiro Namimoto / Dept. of Diagnostic Radiology, Kumamoto University