Oral Session Programs

April 10 (Thu.)

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16:00～17:00　　1. Radiation Oncology 1: Lung　　　　　　　　　　Keiichi Jingu

001　Stereotactic body radiotherapy for oligo-recurrence cancer in the lung: An analysis of 42 patients
　　　　　Dept. of Radiology and Radiation Oncology, Kitasato University School of Medine　　Yuzuru Niibe

002　Feasibility of tomotherapy-based stereotactic ablative radiotherapy for stage I NSCLC
　　　　　Dept. of Radiology, Tokyo-Edogawa Cancer Center, Edogawa Hospital　　Yukihiro Hama

003　Re-irradiation for locoregionally recurrent lung cancer
　　　　　Division of Radiation Oncology, Shizuoka Cancer Center Hospital　　Kiyomi Sumita

004　Changes in pulmonary function after single-fraction carbon-ion radiotherapy for stage I non-small cell lung cancer
　　　Research Center Hospital for Charged Particle Therapy,　National Institute of Radiological Sciences
　　　　　　　　　Wataru Takahashi

005　The difference in respiratory movement of tumor and fiducial markers in robotic stereotactic radiotherapy for lung cancer
　　　　　Dept. Radiation Oncology, Saitama Red Cross Hospital　　Nobuhiro Tsukamoto

006　Lung tumor motion reproducibility under constrained breathing condition for patients who received stereotactic VMAT　　　　Dept. of Radiology, University of Tokyo Hospital　　Keiichi Nakagawa

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17:30～18:20　　2. Radiation Oncology 2: Esophagus　　　　　　　　Norihiko Kamikonya

007　Clinical results of definitive chemo-radiotherapy (CRT) for T4 esophageal cancer
　　　　　Department of Radiation Oncology, Kinki University Faculty of Medicine　　Kazuki Ishikawa

008　Salvage chemoradiation therapy to esophageal cancer after diagnostic endoscopic submucosal dissection　　　　Dept. of Radiology, The University of Tokyo Hospital　　Ryosuke Takenaka

009　Outcome of radiotherapy for esophageal cancer with supraclavicular lymph node metastasis
　　　　　Department of Radiology, the University of Tokyo Hospital　　Hideomi Yamashita

010　Experience of carbon ion radiotherapy for solitary lymph node metastasis of esophageal cancer after surgery
　　　　　The Research Center Hospital for Charged Particle Therapy of the National
　　　　　Institute of Radiological Sciences　　　　Mayumi Harada

011　Four-dimensional measurement of the displacement of internal fiducial markers for esophageal cancer
　　　　　Dept. of Radiation Oncology, Hiroshima University School of Medicine　　Yoshiko Doi

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16:00～16:40　　3. Cardiovascular 1: MRI　　　　　　　　　　　Shigeo Okuda

012　Early experience of real-time cardiac imaging with the No-Training-Scan k-t method
　　　　　Dept. of Radiology, Kyorin University School of Medicine　　Toshiya Kariyasu

013　3D kat-ARC cine in one breathhold for evaluating cardiac function
　　　　　Dept. of Diagnostic Radiology, Keio University School of Medicine　　Shigeo Okuda

014　Noninvasive measurement of coronary flow reserve by phase-contrast cine MRI at 3T in the 3 major coronary arteries　　　　Dept. of Radiology. Matsusaka central hospital　　Takatoshi Higashigawa

015　Relation between cardiac sympathetic activity and spatial dyssynchrony in patients with nonischemic heart failure　　　　Dept. of Clinical Radiology, Kyushu University　　Masato Yonezawa

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17:10～18:00　　4. Cardiovascular 2: Artery　　　　　　　　　Masao Miyagawa

016　Evaluation of atherosclerotic plaque progression in hyperlipidemic rabbits using MRI with ultrasmall superparamagnetic iron oxide (USPIO) and histopathological findings
　　　　　Dept. of Radiology, Shiga University of Medical Science　　Chiaki Kaneko

017　Plaque morphology changes on MRI under LDL-C lowering statin therapy: Longitudinal study
　　　　　Dept. of Radiology, Juntendo University School of Medicine　　Michimasa Suzuki

018　Kinetic assessment of the intimal flap in aortic dissection using on cine CPR images acquired by ECG-gated CT　　　　　　Dept. of Radiology, Oita University　　Noritaka Kamei

019   A feasibility study of 4D CT angiography after endovascular aneurysm repair

Dept. of Interventional Radiology, Kawasaki Saiwai Hospital   Yuya Koike

020   Novel evaluation of peripheral arterial occlusive disease using CT angiography and comparison with digital subtraction angiography   Dept. of Radiology, Iwate Medical University   Ryoichi Tanaka

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16:00〜16:40   5. Interventional Radiology 1: Aortic aneurysm   Yoshiaki Narimatsu

021   The efficacy of emergency endovascular aneurysm repair for ruptured abdominal or thoracic aortic aneurysms   Dept. of Radioogy, Gifu University Hospital   Yukichi Tanahashi

022   Correlation between shock index and outcome of patients with endovascular repair (EVAR) of ruptured infra-renal abdominal aortic aneurysms (rAAAs)

Department of Interventional Radiology, Kawasaki Saiwai Hospital   Jun-ichi Nishimura

023   Prediction of persistent endoleaks from the systolic sac pressure index (SPI) after endovascular abdominal aortic aneurysm repair (EVAR)

Department of Radiology, Wakayama Medical University   Akira Ikoma

024   Utility of technetium-99m human serum albumin diethylenetriamine pentaacetic acid (99mTc-HSAD) SPECT for evaluating endoleak after EVAR

Dept. of Radiology, Wakayama Medical University   Motoki Nakai

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17:10〜17:50   6. Interventional Radiology 2: Portal hypertension   Norifumi Nishida

025   Short term efficacy and safety of balloon-occluded retrograde transvenous obliteration of portosystemic shunt in patients with hepatic encephalopathy

Dept. of Emergency and Critical Care Medicine, Osaka Saiseikai Noe Hospital   Satoshi Suzuki

026   Long-term results of hepatic elasticity after B-RTO for gastric varices and mesocaval shunts: Evaluation with real-time tissue elastography

Dept. of Radiology, Hyogo College of Medicine   Kaoru Kobayashi

027   Preoperative prediction of infarction volume after partial splenic embolization for hypersplenism

Dept. of Radiology, Nara Medical University   Tetsuya Masada

028   The efficacy of C-arm CT during splenic arteriography before partial splenic embolization

Dept. of Diagnostic Radiology, Tokai University School of Medicine   Jun Koizumi

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16:00〜16:50   7. Nuclear Medicine 1: Central nervous system   Jun Hatazawa

029   Tumor cell infiltration of malignant glioma beyond the peritumoral edema, determined by 11C-methionine PET

Dept. of Radiology, Yamagata University School of Medicine   Kazukuni Kirii

030   ^{11}C-4DST PET for proliferation imaging in patients with newly diagnosed high-grade gliomas

Dept. of Radiology, Fac. of Med. Kagawa University   Kenichi Tanaka

031   Distribution pattern of 11C-PIB PET compared with FDG PET

Dept of Radiology, Kinki University Faculty of Medicine   Chisa Hosokawa

032   Comparison with two reconstruction methods on 15O gas-PET/CT in patients with cerebrovascular disease

Department of Radiology, National Cerebral and Cardiovascular Center   Naomi Morita

033   Cerebral oxidative stress in amyotrophic lateral sclerosis evaluated by ^{62}Cu-ATSM PET

Biomed. Imaging Res. Center, University of Fukui   Hidehiko Okazawa

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17:00〜18:00   8. Nuclear Medicine 2: Head and neck   Yasuo Kuwabara

034   Assessing tumor hypoxia in head and neck cancer by PET with ^{62}Cu-ATSM

Biomedical Imaging Research Center, University of Fukui   Tetsuya Tsujikawa

035   Serial changes of tumor hypoxia in head and neck cancer treated with intensity-modulated radiation therapy   Department of Nuclear Medicine, Graduate School of Medicine, Hokkaido University   Shozo Okamoto

036   Value of I-131 SPECT/CT in differentiated thyroid carcinoma

Dept. of Radiology, Faculity of Medicine, University of Miyazaki   Youichi Mizutani

037 Association between response to I-131 therapy and 18F-FDG accumulation for differentiated thyroid carcinoma patients with lung metastasis

Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University

Yasuhiro Maruoka

038 ［Canceled］

039 Comparison of uptake indexes of methionine-PET/CT for assessment of neck lymph node metastasis from head and neck malignant melanoma

National Institute of Radiological Science   Seiya Ohashi

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15:10〜16:00   9. Liver 1: Hepatocellular carcinoma 1   Tomoaki Ichikawa

040 Histogram analysis of hepatic nodules on gadxetic-acid MRI: Comparison between early and overt HCC

Department of Radiology, University of Yamanashi   Hiroyuki Morisaka

041 Peri-tumoral hyperintensity on hepatobililary phase of Gd-EOB-DTPA enhanced MRI in hepatocellular carcinomas: Correlation of peri-tumoral hyperplasia with glutamine synthetase expression

Dept. of Radiology, Kanazawa University Hospital   Norihide Yoneda

042 Significance of signal intensity on gadoxetic acid-enhanced MR imaging for predicting efficacy of hepatic arterial infusion chemotherapy in hepatocellular carcinoma

Dept. of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University

Nobuhiro Fujita

043 Diffusion kurtosis imaging for improved evaluation of the treatment response of hypervascular hepatocellular carcinoma   Department of Radiology, Gifu University   Satoshi Goshima

044 Computer-aided assessment of hepatic contour abnormalities as an imaging biomarker for the prediction of HCC in chronic hepatitis C

Department of Radiology, Gifu University   Satoshi Goshima

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16:30〜17:10   10. Liver 2: Hepatocellular carcinoma 2   Hiroyoshi Isoda

045 Will slow injection of Gd-EOB-DTPA enable to detect more hypervascular hepatocellular carcinoma at multiple arterial phases?

Dept. of Radiology, Tokyo Medical Univercity Hospital   Leopoldo Taiyo Harada

046 Hemodynamic evaluation of hepatocellular carcinoma using dynamic contrast-enhanced MRI with high temporal resolution: Comparison with dynamic CT during hepatic arteriography

Radiology Division, Shinshu University Hospital   Yasunari Fujinaga

047 Intravoxel incoherent motion can be a biomarker of sorafenib treatment for advanced hepatocellular carcinoma: A pilot study   Tokyo Medical University   Natsuhiko Shirota

048 Clinical utility of weighted liver spleen contrast using gadoxetate disodium-enhanced hepatic MRI: Pre-evaluation of stereotactic body radiotherapy for hepatocellular carcinoma

Diagnostic Radiology, Hiroshima University   Yuko Nakamura

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9:10〜10:10   11. Chest 1: Lung cancer   Kazuto Ashizawa

049 Evaluation of stability of GGNs using thin-section CT during long-term follow up of suspected cases of neoplasia   Dept. of Radiology, Niigata Cancer Center Hospital   Naoya Koizumi

050 Focal ground-glass opacities on high-resolution CT in patients with surgically resected lung adenocarcinoma: How long should they be followed-up?

Dept of Radiology, Nagasaki University Graduate school of biomedical sciences   Hirofumi Koike

051 Small lung adenocarcinoma findings on thin-section CT and PET / CT: Correlation with pathologic prognostic factors

Dept. of Radiology, Nagoya University Graduate School of Medicine   Shingo Iwano

052 Expression of periostin in small peripheral lung adenocarcinoma: Correlation with CT findings, pathologic findings, and prognosis

Dept. of Radiology, Kurume University School of Medicine   Ryoji Iwamoto

PROGRAM

053 Whole-body MRI vs. whole-body PET/CT vs. whole-body PET/ MRI: Capabilities for TNM and clinical stage assessment in NSCLC patients

Advanced Biomedical Imaging Research Center,

Kobe University Graduate School of Medicine   Yoshiharu Ohno

054 Prediction of post-operative pulmonary function after lobectomy for primary lung cancer: Sub-segment counting method vs. volumetry using inspiratory/expiratory MDCT data

Dept. of Health Sciences, Kyushu University Graduate School of Medical Sciences

Hidetake Yabuuchi

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10:40～11:30   12. Chest 2: Function   Yoshiharu Ohno

055 Quantitative capability of dual-energy CT for disease severity assessment in patients with acute pulmonary thromboembolism   Dept. of Radiology, Nara Medical University   Sachiko Miura

056 Added value of dual-energy perfusion CT for the evaluation of intrapulmonary clots using 64-slice dual-source CT

Dept. of Radiology, Yamaguchi University Gradute School of Medicine   Munemasa Okada

057 The relationship between pulmonary blood volume and lung volume in interstitial pneumonia

Dept. of Radiology, University of the Ryukyus   Nanae Tsuchiya

058 3D non-CE-Perfusion MRI: Comparison of predictive capability for postoperative lung function with CE-perfusion MRI and perfusion scan in NSCLC patients

Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine

Yoshiharu Ohno

059 Dynamic perfusion area-detector CT with AIDR 3D method: Capability for radiation dose reduction as compared with FBP method

Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine

Yoshiharu Ohno

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15:10～16:00   13. Interventional Radiology 3: Embolization (Bleeding)   Osamu Ikeda

060 Interventional therapeutic strategy for treating massive hemoptysis originating from infectious pulmonary artery pseudoaneurysms (Rasmussen's aneurysms)

Dept. of Radiology, Keio University School of Medicine   Jitsuro Tsukada

061 Outcome of trans-arterial supraselective embolization of bronchial artery for massive hemoptysis: Significance of pre-embolization CT and bronchoscopy

Department of Imaging and Interventional Radiology, Prince of Wales Hospital   Ryan Ka Lok Lee

062 Transcatheter arterial embolization for late postpancreatectomy hemorrhage: Risk factors associated with mortality

Dept. of Diagnostic Radiology, Tohoku University School of Medicine   Tetsuya Hasegawa

063 Clinical evaluation of transcatheter arterial embolization for retroperitoneal hemorrhage

Department of Radiology Kansai Medical University   Naoki Kan

064 Transarterial embolization for gastrointestinal bleeding: Impact of preoperative CT on the procedure

Dept. of Radiology, Nippon medical school   Daisuke Yasui

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16:30～17:30   14. Interventional Radiology 4: Embolization (Kidney, pelvis)   Miyuki Sone

065 Outcome of transcatheter arterial embolization for persistent obstetrical hemorrhage

Dept. of Radiology, Kansai Medical University   Rie Yoshida

066 Audit study of pelvic arterial embolization for postpartum haemorrhage: 12 years experience in a tertiary referral hospital in Hong Kong

Department of Radiology and Imaging, Queen Elizabeth Hospital, Hong Kong SAR

Victor WT Chan

067 Influence of ovarian artery embolus in the uterine artery embolization

Dep. of Radiology, University of Yamanashi   Hiroki Okada

068 The review of nonselective transarterial embolization (TAE) with n-butyl cyanoacrylate (NBCA) for pelvic fracture

Dept. of Radiology, St. Marianna University School of Medicine   Takafumi Haraguchi

069 Evaluation of transcatheter arterial embolization for renal angiomyolipoma in non-tuberous sclerosis patients   Dept. of Radiology, Kansai Medical University   Yumiko Kono

070   Initial experience of transcatheter arterial embolization for angiomyolipoma by using a microballoon
       catheter   Dept. of Radiology, Hokkaido University School of Medicine   Daisuke Abo

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9:10〜10:00   15. Neuroradiology 1: Brain tumor 1   Osamu Abe

071   Usefulness of three-dimensional contrast enhanced multisection motion sensitized driven equilibrium for
       primary malignant brain tumors
                    Dept. of Diagnostic Radiology, Yamagata University Faculty of Medicine   Masafumi Kanoto
072   Diagnosis of brain tumors by DCE-MRI pharmacokinetic model analysis using commercially available
       software: Preliminary findings
                            Dept. of Radiology, Tokushima University School of Medicine   Takashi Abe
073   Effect of kinetic models on DCE-MRI pharmacokinetic model analysis in the diagnosis of gliomas: The
       influence of the pseudo-hyperpermeability sign
                            Dept. of Radiology, Tokushima University School of Medicine   Takashi Abe
074   Radiological features of cerebellar glioblastoma multiforme
                            Dept. of Radiology, Ehime University School of Medicine   Keiichi Kikuchi
075   Comparison of arterial spin labelling and dynamic susceptibility contrast perfusion MRI in brain tumor
                    Department of Radiology, The University of Tokushima   Khashbat Delgerdalai

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10:30〜11:10   16. Neuroradiology 2: Brain tumor 2   Hirohiko Kimura

076   Evaluation of the altered permeability of irradiated metastatic brain tumors using dynamic contrast-
       enhanced magnetic resonance imaging
                            Dept. of Radiology, Nara Medical University   Toshiaki Akashi
077   Evaluation of glioblastomas and lymphomas with whole-brain CT perfusion: Comparison between a
       delay-invariant singular-value decomposition algorithm and a patlak plot
                    Department of Clinical Radiology, Graduate School of Medical Sciences, Kyushu University
                                                                                        Akio Hiwatashi
078   Evaluation of permeability parameters on dynamic contrast-enhanced images in the cases with
       glioblastoma treated by bevacizumab   Dept. of Radiology, Nara Medical University   Saeka Hori
079   Added value of 320-section dynamic volume CT in relation to 3T MR images for the preoperative
       evaluation of brain tumors
            Department of Diagnostic Radiology, Kumamoto University Graduate School of Medical Sciences
                                                                                        Yasuhiko Iryo

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9:10〜9:50   17. Nuclear Medicine 3: Lymphoma   Koji Murakami

080   Diagnostic value of FDG-PET/CT in cutaneous T-cell and NK-cell lymphomas
                    Dep. of Nuclear Medicine, Kansai Medical University, Hirakata Hospital   Sangkil Ha-Kawa
081   FDG-PET/CT findings of adult-onset Epstein-Barr virus positive T- or NK-cell lymphoproliferative
       disease
                    Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental University
                                                                                        Akira Toriihara
082   FDG PET/CT in diagnosis and follow-up patients with methotrexate-related malignant lymphoma
                            Dept. of Radiology, Ehime University School of Medicine   Kana Ide
083   Effect of clinical information on intra- and inter-observer variations in interpreting interim 18F-fluoro-
       deoxy-D-glucose-positron emission tomography/computed tomography scans in malignant lymphoma
                            Department of Diagnostic Imaging and Nuclear Medicine,
                            Kyoto University Graduate School of Medicine   Maya Arimoto

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10:20〜11:00   18. Nuclear Medicine 4: Oncology, inflammation   Hiroshi Toyama

084   Clinical assessment of patients with suspected infection or inflammatory condition with F-18 FDG
       PET-CT   Dept. of Radiology, Kushiro Kojinkai Memorial Hospital   Noriyuki Shuke
085   Efficacy of ^{18}F-FDG PET/CT for infectious diseases
                    Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine   Takuya Toyonaga
086   Assessment of bone marrow involvement using FDG-PET/CT: Focusing on uptake distribution pattern
                    Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine
                                                                                        Koya Nakatani

087   ^{68}Ga DOTATOC PET/CT for tumor localization in tumor-induced osteomalacia

Dept. of Diagnostic Radiology and Nuclear Medicine, Kyoto University
Graduate School of Medicine   Nobuyuki Hayakawa

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15:10〜16:10   19. Cardiovascular 3: Coronary artery 1   Kei Takase

088   Noncalcified plaque detected in patient with zero coronary artery calcium score: Relationship between coronary artery risk factors

Dept. of Radiology, Omori Hospital Toho University School of Medicine   Hideaki Suzuki

089   Diagnostic performance of fast kV switching dual energy CT for detecting calcified obstructive coronary artery disease   Dept. of Radiology, Tottori University School of Medecine   Yasutoshi Ohta

090   Analysis of coronary arterial calcification components with coronary CT angiography using single-source dual-energy CT with rapid tube voltage switching

Department of Radiology, Tokyo Women's Medical University Medical Center East
Haruhiko Machida

091   Combined assessment of stress myocardial perfusion MRI and learning-based super-resolution whole-heart coronary MR angiography for detecting coronary artery disease

Dept. of Radiology, Mie University hospital   Mio Uno

092   Coronary artery fistulas: Evaluation with ECG-gated multi-detector row CT

Department of Radiology, Faculty of Medicine, Kagawa University   Takashi Norikane

093   Coronary artery anomalies: Prevalence in Hong Kong population by dual-source CT angiography: Major tertiary referral hospital experience

Department of Radiology and Imaging, Queen Elizabeth Hospital, Hong Kong SAR
Victor WT Chan

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16:20〜17:20   20. Cardiovascular 4: Coronary artery 2   Hiroshi Higashino

094   Prediction of heart rate during coronary computed tomography angiography in the 320-row detector-era

Dept. of Radioloy, Tokyo University School of Medicine   Eriko Maeda

095   The impact of heart rate on image quality and radiation dose of coronary angiography using 640-slice dynamic volume CT

Department of Radiology, The Sixth Affiliated Hospital(Gastrointestinal Hospital),
Sun Yat-sen University   Jiaying Gong

096   Effect of snapshot freeze in the improvement of image quality of coronary CTA: Relationship with heart rate   Dept. of Radiology, Mie University   Yoshie Kurita

097   The utility of contrast medium arrival time adjusted by heart rate in detecting obstructive coronary artery disease   Dept. of Radiology, New Tokyo Hospital   Nobuo Tomizawa

098   Influence of iterative reconstruction in qualitative and quantitative evaluation of lumen stenosis with known dimensions by coronary CTA of 320 MDCT

Dept. of Radiology, St.Marianna University School of Medicine   Kazuhito Nozu

099   Three-dimensional mapping of coronary territories by CTCA

Dept. of Radiology, Nippon Medical School Chiba Hokusoh Hospital   Fukiko Morita

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9:10〜10:00   21. Prostate 1   Takeshi Yoshizako

100   High b-value DW-MRI in prostate cancer at 3-Tesla: Comparison with standard b-value for tumor conspicuity and discrimination of tumor aggressiveness

Dept. of Radiology, Kawasaki Medical School   Tsutomu Tamada

101   Usefulness of additional apparent diffusion coefficient (ADC) values to morphologic MR imaging in predicts extracapusular extension (ECE) of prostate cancer

Department of Diagnostic Radiology, National Cancer Center Hospital   Tomoko Manabe

102   Compared the contrast ratio of computed diffusion-weighted MR imaging to measured original diffusion-weighted imaging for the prostate cancer at 1.5T

Dept. of Radiology, Shimane University School of Medicine   Rika Yoshida

103   Evaluation of 1.5-T MRI ultra-high b-value prostate diffusion-weighted images using the dual-gradient system   Dept. of Radiology, Murakami Memorial Hospital   Shogo Murakami

104   Computed diffusion-weighted MR imaging for prostate cancer detection: Determination of optimal b-value combinations for generating high b-Value images

Dept. of Radiology, Kobe University Graduate School of Medicine   Yoshiko Ueno

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10:00～10:30   22. Prostate 2   Satoru Takahashi

105   Multiparametric MRI detection of local recurrence of prostate carcinoma after radical prostatectomy with an endorectal coil at 3T
                   Dept of radiology, Kobe University Graduate School of medicine   Kazuhiro Kitajima

106   Triage of low-risk prostate cancer: Comparison of the apparent diffusion coefficient (ADC) value and TRUS-guided target biopsy   Dept. of Radiology, Kumamoto Chuo Hospital   Ryo Itatani

107   The influence of temporal resolution and type of arterial input function in evaluating pharmacokinetic parameters of the prostate DCE-MRI
                   Dept. of Radiology, Kobe University Hospital   Satoru Takahashi

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10:40～11:10   23. Nuclear Medicine 5: Bone   Teruki Sone

108   Diagnostic value of thallium-201 scintigraphy to differentiate malignant bone tumors from benign bone lesions   Dept. of Radiology, Okayama Saiseikai General Hospital   Ryota Inai

109   An examination of F-18 FDG PET/CT scans in thecoma fibroma group - What is a cause of false-positive? -   Dept. of Radiology, Hirosaki University Graduate School of Medicine   Hiroko Seino

110   Radiotoxicity after radioisotope therapy for bone metastases using & gamma-H2AX foci of DNA damage in lymphocytes   Dept. of Radiology, Kanazawa Medical University   Mariko Doai

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11:10～11:50   24. Nuclear Medicine 6: PET and others   Ichiei Kuji

111   A utilization of SUV navigator interface on film reading of F-18 FDG PET/CT
                   Dept. of Radiology, Asahikawa Medical University   Atsutaka Okizaki

112   Comparison of FDG-PET/CT images between chronic renal failure patients on hemodialysis and normal controls
             Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental University
                                                               Akira Toriihara

113   Evaluation of improvement of detectability of bone metastases with 89Sr bremsstrahlung SPECT by CT attenuation correction using SPECT/CT
                   Radiology, Fujita Health University School o f Medicine   Seiichiro Ota

114   Changes of glucose metabolism and hypoxic status during neoadjuvant chemotherapy for breast cancer by using PET/CT imaging
             Dept. of Nuclear Medicine, Saitama International Medical Center, Saitama Medical University
                                                               Ichiei Kuji

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9:10～9:50   25. Female Pelvis 1: Ovary   Junko Takahama

115   Usefulness of diffusion-weighted imaging for the diagnosis of predominantly solid, non-invasive ovarian tumors   Division of Radiology, Department of Pathophysiological and Therapeutic Science, Faculty of Medicine, Tottori University   Shinya Fujii

116   Clinicoradiological characteristics of ovarian clear cell adenocarcinoma: Retrospective study
                   Dept. of Radiology, Fukuoka University School of Medicine   Ayako Morita

117   Assessment of combination of 18F-FDG PET/CT and contrast-enhanced MR imaging for evaluation of ovarian masses   Osaka Medical College   Takahiro Tsuboyama

118   CT findings to predict poor functional prognosis in ovarian torsion
                   Dept. of Radiology, Jichi University School of Medicine   Koichi Ito

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10:00～10:40   26. Technique, Radiation Exposure   Haruhiko Machida

119   New imaging system based on X-ray Talbot-Lau interferometry: Results from a clinical study
                   Dept. of Radiology, Saitama Medical University Hospital   Junji Tanaka

120   Managing radiation dose of protocols with multiple CT scanners: Initial experience with a dose management system   Dept. of Radiology, NTT Medical Center Tokyo   Masaaki Akahane

121   Radiation dose reduction by using iterative noise reduction processing -Human phantom study (part 2)-
                   Dep. of Radiology, Nippon Medical School   Hajime Kiyuna

122   Analysis of characteristic of CT images with full iterative reconstruction: Phantom study
                   Department of Diagnostic Radiology, Hiroshima University   Wataru Fukumoto

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15:10〜16:10　　27. Breast 1: MRI 1　　　　　　　　　　　　　　　　　　Naoya Gomi

123　Residual disease of breast cancer treated with neoadjuvant chemotherapy: Evaluation with dynamic MR imaging　　　　　　　　　　　　　Dept. of Radiology, Shinko Hospital　　Shuichi Monzawa

124　Evaluation of early response to neoadjuvant chemotherapy for breast cancer: Efficacy of volume histogram analysis of DW-MRI

Diagnostic Imaging Division, Tochigi Cancer Center　　Yoshifumi Kuroki

125　Feasibility of screening diffusion-weighted MRI of the breast: A prospective study

Dept. of Radiology, Akita University School of Medicine　　Koichi Ishiyama

126　Diffusion kurtosis imaging for breast lesions: Preliminary results

Dept. of Radiology, Gifu University Hospital　　Hiromi Ono

127　Effectiveness of combined dynamic MRI compared to the histopathological response for assessing breast cancer response to primary systemic chemotherapy

Dept. of Radiology, Osaka Medical College　　Masako Yuki

128　Differential diagnosis of breast mass lesions over 5cm on MRI

Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University Hospital　　Makiko Kawai

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16:40〜17:30　　28. Breast 2: MRI 2　　　　　　　　　　　　　　　　　Tokiko Endo

129　Detectability of diffusion-weighted imaging using readout-segmented echo-planar imaging with 16 channels breast coils at 3T-MRI

Dept. of Diagnostic Radiology, Gunma Prefectural Cancer Center　　Hiroyuki Horikoshi

130　Kinetic analysis of the breast cancer: Investigation of the adequate temporal resolution for dynamic contrast-enhanced MR imaging

Dept. of Radiology, Yamaguchi University School of Medicine　　Miwa Matsukuma

131　Diffusion tensor imaging of the breast based on readout-segmented echo-planar imaging

Dept. of Radiology, Faculty of Medicine, Saga University　　Ken Yamaguchi

132　Background parenchymal enhancement on MRI in the contralateral normal breast: Comparison between pre- and post-neoadjuvant chemotherapy

Dept. of Diagnostic Radiology, Tohoku University School of Medicine,
Dept. of Radiology, The University of Chicago　　Akiko Shimauchi

133　Kinetic analysis of breast cancer lesions on dynamic contrast-enhanced MRI: Comparison with hormonal and histological findings

Department of Radiology, Yamaguchi University Graduate School of Medicine
Matakazu Furukawa

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9:10〜10:10　　29. Neuroradiology 3: Degeneration　　　　　　　　　　Hitoshi Miki

134　Increase the dorpaminergic neuron activity at substantia nigra in patients with schizophrenia: Evaluated by neuromelanin magnetic resonance imaging

Department of Radiology, Osaka University of Medicine　　Yoshiyuki Watanabe

135　Morphological changes in the Alzheimer's disease patients without the medial temporal atrophy

Dept. of Radiology, Shinshu University School of Medicine　　Tomoki Kaneko

136　Transcranial MR-guided focused ultrasound thalamotomy for essential tremor: MR findings

Dept. of Diagnostic Radiology, Shin-yurigaoka General Hospital　　Toshio Yamaguchi

137　Assessment of cerebral blood flow using multi-phase 3D arterial spin-labeled MR perfusion imaging in the diagnosis of Alzheimer's disease

Kinki University Faculty of Medicine Department of radiology　　Hiroto Takahashi

138　Striatal hyperintensity on T1WI and hyperdensity on CT in hyperglycemia: Clinico-radiological longitudinal consideration of two cases and review of literature

Dept. of Radiology, Tenri Hospital　　Masaki Nakamura

139　Effect of age and sex on cerebral microbleeds in Alzheimer's disease on 3T susceptibility-weighted imaging

Dept. of Radiology, Graduate School of Medical Sciences, Kumamoto University　　Hiroyuki Uetani

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15:10〜16:00   30. Cardiovascular 5: Myocardium 1   Norihiko Yoshimura

140   Evaluation of myocardial infarction using GSI cardiac - Initial experience -
                    Division of Radiology, Faculty of Medicine, Tottori University   Shinichiro Kitao

141   CT evaluation of myocardial extracellular volume as a novel approach for objective assessment of
       myocardial viability   Dept. of Radiology, Mie University   Yoshie Kurita

142   Age-corrected measurement of extracellular volume fraction in remote normal myocardium is correlated
       with extent of risk area in AMI patients
                    Dept. of Ragiology, Mie University Hospital   Yoshitaka Goto

143   Diagnostic value of adenosine triphosphate dual-source computed tomography to detect myocardial
       ischemia   Dept. of Radiology, Ehime University Graduate School of Medicine   Takuya Matsuda

144   Quantification of stress/rest circumferential strain using 3-Tesla tagged magnetic resonance imaging in
       non-ischemia, ischemia, and infarction
                    Dept. of Radiology, Ehime University School of Medicine   Masashi Nakamura

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16:30〜17:00   31. Cardiovascular 6: Myocardium 2   Hiroaki Naito

145   When is the "best timing" in static myocardial perfusion scan? - by whole heart dynamic scan -
                    Dept. of Radiology, Ehime University Graduate School of Medicine   Yuki Tanabe

146   Optimum contrast images of late iodine enhancement on cardiac computed tomography using dual-
       energy computed tomography
                    Dept. of Radiology, Ehime University Graduate School of Medicine   Takuya Matsuda

147   The feasibility of super-resolution technique for radiation dose reduction of delayed enhancement CT
       with targeted spatial frequency filtration
                    Dept. of Radiology, Mie University School of Medicine   Yoshinori Kanii

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10:20〜11:20   32. Radiation Oncology 3: Head and neck 1   Takeshi Kodaira

148   Short-term outcomes for nasopharyngeal carcinoma patients treated with volumetric modulated arc
       therapy   Dept. of Radiation Oncology Hiroshima Univ. Hospital   Yuji Murakami

149   Treatment results of alternating chemoradiotherapy for nasopharyngeal cancer using cisplatin and
       5-fluorouracil -A multi-institutes phase II study-
                    Dept. of Radiation Oncology, Hyogo Ion Beam Medical Center   Nobukazu Fuwa

150   Clinical evaluation of definitive radiotherapy for oropharyngeal cancer
                    Dept. of Radiology, The University of Tokyo Hospital   Kentaro Yamamoto

151   Concurrent chemoradiotherapy for oropharyngeal cancer at our hospital
       Dept. of Heavy Particle Therapy and Radiation Oncology, Faculty of Medicine, Saga University
                    Mitsutoshi Oishi

152   Outcome of chemoradiotherapy for hypopharyngeal squamous cell carcinoma
                    Dept. of Radiology, Kawasaki Municipal Hospital   Takahisa Eriguchi

153   Initial experience of IMRT for hypopharyngeal cancer
                    Dept. of Radiation Oncology, Aichi Cancer Center   Keiichi Takehana

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15:40〜16:30   33. Radiation Oncology 4: Prostate   Keisuke Sasai

154   Hypofractionated intensity-modulated radiotherapy (72 Gy at 2.4 Gy/fraction) for localized prostate
       cancer   Miyakojima iGRT Clinic   Ryoongjin Oh

155   To evaluate the effects of IMRT for prostate cancer patients with diabetes mellitus or using
       anticoagulant and antiplatelet agents
                    Dept. of Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hospital   Shiro Obata

156   Rectal hemorrhage after IMRT for prostate cancer
                    Dept. of Radiology, Nagasaki University School of Medicine   Kazuaki Yasui

157   VMAT in the treatment of localized prostate cancer
                    Dept. of Radiology, University of Tokyo   Kenshiro Shiraishi

158   Initial experience of VMAT with agility for the treatment of prostate cancer
                    Dept. of Radiology, Toho Univ Omori Medical Center   Atsuro Terahara

PROGRAM

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16:40～17:40　　34. Radiation Oncology 5: Prostate, bladder　　　　　Yoshihiro Takai

159　High-dose-rate brachytherapy with external beam radiotherapy for prostate cancer: Our experience about 4-year results

> Dept of Radiology, Niigata University Graduate School of Medical and Dental Sciences
>
> Junyang Liu

160　Comparison of loose seeds and linked seeds for prostate brachytherapy implants

> Dept. of Radiology, Fujita Health University School of Medicine　　Masayuki Ito

161　Prostate-specific antigen bounce is related to biochemical relapse-free survival in permanent prostate brachytherapy　　　　　　　Okayama University, Radiology　　　Norihisa Katayama

162　Defining the risk of developing grade 3 late genitourinary toxicity following high-dose rate brachytherapy using dose-volume histogram analysis

> Dept. of Radiation Oncology, Kitasato University School of Medicine　　Akane Sekiguchi

163　Efficacy of salvage radiotherapy in patients with PSA failure after radical prostatectomy: A comparison with endocrine therapy

> Division of Radiation Oncology, Department of Urology, Kobe University
>
> Graduate School of Medicine　　　　　　Sulaiman Nor Shazrina

164　Image-guided RT(IGRT) for the invasive bladder cancer-Methods, feasibility and clinical results-

> Dept. of Radiation Oncology, Kitami Red-cross GH, Cancer Center　　Takuro Arimoto

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13:00～13:50　　35. Chest 3: COPD　　　　　　　　　　　　　Masashi Takahashi

165　Prediction of postoperative pulmonary function: Preliminary comparison of single-breath dual-energy xenon CT with CT volumetry　　　　Dept. of Radiology, Saitama Medical Center　　Hisami Yanagita

166　3D lung motion and destruction assessments from inspiratory and expiratory CT in smokers

> Department of Radiology, Kobe University Graduate School of Medicine　　Hisanobu Koyama

167　Emphysema quantification on low-dose CT: Effect of adaptive iterative dose reduction using 3D processing　　　　　　　Division of Functional and Diagnostic Imaging Research, Department of

> Radiology, Kobe University Graduate School of Medicine　　Mizuho Nishio

168　Evaluation of V/Q on DE-CT in COPD using xenon ventilation CT and lung PBV methods

> Dept. of Radiology, Toho University Omori Medical Center　　Masahiro Kobayashi

169　Respiratory change in size of the superior vena cava in patients with COPD and asthma: Correlation with airflow limitation

> Dept. of Radiology, St. Marianna University School of Medicine　　Akiyuki Kotoku

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14:20～15:10　　36. Chest 4: Lung tumor　　　　　　　　　　　Takatoshi Aoki

170　Quantitative differentiation of solitary pulmonary nodule by DWI with multiple b-values: Which evaluation method would be better to assess?

> Department of Radiology, Kobe University Graduate School of Medicine　　Hisanobu Koyama

171　Detection performance of ultra-low-dose computed tomography using FBP, ASIR, and MBIR for pulmonary ground-glass nodules

> Dept. of Radiology, Keio University School of Medicine　　Masahiro Hashimoto

172　Detection of lung tumors in mice using a 1-Tesla compact magnetic resonance imaging system

> Department of Radiology, Institute of Medical Science, University of Tokyo　　Shigeru Kiryu

173　Clinical evaluation of content-based image-retrieval system (case match) in CT diagnosis for an abnormal chest shadow　　　Div. of Diagnostic Radiology, Shizuoka Cancer Center　　Masahiro Endo

174　The utility of workstation for diagnostic bronchoscopy for peripheral pulmonary lesions

> Dept. of Endoscopy, Respiratory Endoscopy Division, NCCH　　Yuji Matsumoto

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13:00～13:50　　37. Interventional Radiology 5: Embolization (Liver) 1　　Shiro Miyayama

175　Initial experience of balloon-occluded TACE with a microballoon catheter

> Dept. of Radiology, Tottori University Faculty of Medicine　　Shinsaku Yata

176　Predictive factors associated with local response of hepatocellular carcinoma after chemoembolization with drug-eluting beads

> Dept. of Radiology, Gate Tower Institute for Image Guided Therapy　　Akihiko Seki

177　Contrast pooling sign on angiography after chemoembolization with drug-eluting beads

> Dept. of Radiology, Gate Tower Institute for Image Guided Therapy　　Akihiko Seki

178　Trial of CTHA with J-pre-shaped microcatheter which is suitable for 3.5Fr. angiographic catheter
　　　　　　Department of Diagnostic Radiology, Hiroshima Prefectural Hospital　　Taichi Kurose
179　Assessment of the vascular damage after transarterial chemoembolization for hepatocellular carcinoma
　　　using serum thrombomodulin level
　　　　　　　　Dept. of Radiology, Fukuoka University School of Medicine　　Shinichi Kora

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14:20～15:00　　38. Interventional Radiology 6: Embolization (Liver) 2　　　　　Keigo Osuga
180　Repeated bland-TAE using small microspheres for liver metastases
　　　　　　　　　Dept. of Radiology, Nara Medeical University　　Toshihiro Tanaka
181　Endovascular treatment for liver metastases from neuroendocrine tumors: Single institute experience
　　　　　　Dept. of Radiology, Kagoshima University School of Medicine　　Yasutaka Baba
182　Initial experience of foam sclerotherapy for symptomatic liver cysts
　　　　　　　　　Dept. of Radiology, Nara Medical University　　Shinsaku Maeda
183　Initial experience with the use of tris-acryl gelatin microspheres for transcatheter arterial embolization
　　　for enlarged polycystic liver
　　　Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital　　Yusuke Sakuhara

311+312
9:10～9:50　　　39. CT: Technique　　　　　　　　　　　　　　　Satoru Kitano
184　Usefulness of metallic coil artifact reduction with dual energy CT
　　　　　　　Dept. of Radiology, Hirosaki University School of Medicine　　Fumiyasu Tsushima
185　Assessment of the CT number on abdominal virtual unenhanced images derived from single-source
　　　fast kVp-switching dual-energy CT
　　　　　　　　Dept. of Radiology, Keio University School of Medicine　　Kentaro Tamura
186　Optimal keV for improving vessel delineation and image quality in monochromatic abdominal CTA of
　　　mesenteric vasculature by single-source dual-energy CT
　　　　　　Department of Radiology, Tokyo Women's Medical University, Medical Center East
　　　　　　　　　　　　　　　　　　　　　　　　　　Takuya Ishikawa
187　Low tube voltage whole-body computed tomography for oncology patients: Reduction in radiation dose
　　　and iodine load　　　　　　Dept. of Radiology, Gifu Central Hospital　　Haruo Watanabe

311+312
10:20～11:00　　40. MRI: Technique　　　　　　　　　　　　　　Taro Takahara
188　Evaluation of intra-pelvic tumor in FOCUS DWI
　　　　　　　Dept. of Radiology, Seirei Hamamtsu General Hospital　　Motoyuki Katayama
189　The application value of whole body diffusion-weighted imaging in tumor lesions
　　　　　　　Department of Radiology, The Sixth Affiliated Hospital
　　　　　　　(Gastrointestinal Hospital), Sun Yat-sen University　　Jiaying Gong
190　A novel method to practically estimate axial and radial diffusional kurtosis: A phantom study
　　　　　　Center for Charged Particle Therapy, National Institute of Radiological Science
　　　　　　　　　　　　　　　　　　　　　　　　　　Yasuhiko Tachibana
191　Assessment of the kinetics of contrast agent via retro-orbital injection for MR imaging of mice:
　　　Comparison to tail vein injection
　　　　　　Department of Radiology, Institute of Medical Science, University of Tokyo　　Shigeru Kiryu

311+312
13:00～14:10　　41. Radiation Oncology 6: Radiobiology and others　　Hideyuki Sakurai
192　Dosimetric study of total body irradiation using helical tomotherapy in patients with hematopoietic
　　　malignancies who underwent allogenic hematopoietic stem-cell transplantation
　　　　　　　　　Dept. of Radiation Oncology, Kure medical Center　　Michinori Yamamoto
193　Hypo-fractionated reduced dose irradiation with epigenetic agent　　Clinic C4　　Yukimasa Aoki
194　Targeted radiation-sensitization by inhibiting DSB repair, using encapsulated AZD-2281-nanoparticles
　　　in Calu-6 (Braca1 and P53 -/-) xenografts in CBA mice
　　　　　　Department of Radiology, Iwate Medical University, School of Medicine.　　Satoshi Harada
195　Effects of immune-activated BID gene-radiation combined modality therapy
　　　　　　　　Dept. of Radiology, Kansai Medical University　　Takaya Tsuno

196 Reoxygenation retardation after X-irradiation induces striking accumulation of intracellular reactive oxygen species in hypoxic cancer cells
Dept. of Radiology and Radiation Oncology, Hirosaki University Graduate School of Medicine
Katsumi Hirose

197 A brief review on spacer gel injection, one of the new IVR technique, to save organs at risk in radiotherapy
Dept. of Radiotherapy, Hokuto Hospital   Kazushi Kishi

198 The difference in respiratory movement of liver tumor and fiducial markers in robotic stereotactic radiotherapy for liver tumor
Dept. Radiation Oncology, Saiseikai Yokohamashi Tobu Hospital   Naoyoshi Koike

311+312
15:10～16:10   42. Interventional Radiology 7: Experiment, basics   Toshiyuki Matsuoka

199 Real-time 3D fluoroscopy guided needle interventions using cone-beam CT compared to conventional CT guidance technique in a phantom model
Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine   Noboru Maeda

200 Scatter radiation by C-arm cone-beam computed tomography in angiographic suite -Dose distribution and effectiveness of protective devices-
Dept of Radiology, Aichi Medical University   Mayako Morikawa

201 Passage of embolization microcoils through a microballoon catheter
Dept. of Radiology, Tottori University School of Medicine   Mika Kodani

202 Coil embolization with side-holed catheter graft to preserve peripheral flow for visceral artery pseudoaneurysm: An experimental study in swine
Dept. of Radiology, Tottori University Faculty of Medicine   Shohei Takasugi

203 Irinotecan-loaded QuadraSphere microspheres: Pharmacokinetics and chemoembolization efficacy in a rabbit VX2 liver tumor model
Dept. of Diagnostic and Interventional Radiology Osaka University Graduate School of Medicine
Kaishu Tanaka

204 Development of ultrasonic apparatus equipped with navigation system and examination of the acurracywith experiments on the phantom
Dept. of Image-based Medicine Institute of Biomedical Research and Innovationesearch   Koui Miura

311+312
16:20～17:10   43. Interventional Radiology 8: Angioplasty and others   Sojiro Morita

205 Clinical treatment result of carotid artery stenting in Japan: Comparison of periprocedural ischemic complication by embolic protection devices
Depertment of Radiology and Interventinal neuroradiology, Ishinkai Yao General Hospital
Katsutoshi Takayama

206 Mid-term clinical and angiographic result of coil embolization for cerebral aneurysms using the intracranial stent   Department of Radiology and Interventional Neuroradiology   Kaoru Myouchin

207 Early outcome of Zilver PTX stent for femoropopliteal disease in the daily clinical settings
Dept. of Radiology, Nara Medical University   Shinichi Iwakoshi

208 Evaluation of the overlay system using the non-contrast MRA images for percutaneous transluminal renal angioplasty
Department of Radiology, National Cerebral and Cardiovascular Center   Yoshiaki Morita

209 Superior vena cava stenting for malignant superior vena cava syndrome: Reviewing 10 years of experience   Department of Imaging and Interventional Radiology, Prince of Wales Hospital, The Chinese University of Hong Kong   Peggy Tang

313+314
9:10～9:50   44. Interventional Radiology 9: Venous, lymphatic   Hiroyuki Tajima

210 Segmental adrenal venous sampling to distinguish bilateral aldosterone producing adenoma from idiopathic adrenal hyperplasia
Dept. of Diagnostic Radiology, Tohoku University Hospital   Nozomi Satani

211 Angiographic variations of adrenal venous anatomy during adrenal venous sampling
Dept. of Radiology, Nippon Medical School   Fumie Sugihara

212 Safety and practical issues of implanted power-injectable central venous port systems during mechanical injection of contrast enhanced CT
Dept. of Radiology, Showa University Nortnern Yokohama Hospital   Hidefumi Fujisawa

213   Lymph node injection lymphangiography: Technical procedures, safety, and clinical applications
                            Dept. of Radiology, Kansai Medical University   Shuji Kariya

313+314

10:20〜11:10   45. Interventional Radiology 10: Vascular IR (Miscellaneous)   Tatsumi Kaji

214   Balloon occluded arterial infusion by 4 lumen double balloon catheter for locally advanced bladder
        cancer (Osaka Medical College regimen)
                            Dept. of Radiolody, Osaka Medical College   Kiyohito Yamamoto
215   Acute superior mesenteric artery embolisms with primary endovascular treatment in ten patients:
        Correlation between embolism sites and treatment results
                            Dept. of Radiology, Niigata University School of Medicine   Yosuke Horii
216   Hemorrhage-responsible arteriogram created by 64-multidetector row CT during aortography for
        catheterization to acute arterial bleeding in transcatheter arterial embolization
                            Dept. of Radiology, Wakayama Medical University   Hiroki Minamiguchi
217   The utility of covered metallic stents for injury to the main trunk of the vessel
                            Dept. of Radiology, Nara Medical University   Hiroshi Anai
218   Multicenter prospective study of Amplatzer vascular plug for vascular lesion in Japan
                            Dept. of Radiology, Nara Medical University   Kimihiko Kichikawa

313+314

13:00〜13:50   46. Cardiovascular 7: Miscellaneous   Munemasa Okada

219   Detection of LV regional dysfunction and myocardial abnormalities using complementary cardiac MRI in
        patients with systemic sclerosis without cardiac symptoms
                            Dept. of Radiology, St. Marianna University School of Medicine   Yasuyuki Kobayashi
220   Abnormal hemodynamics within the saccular aneurysm assessed with 4D-Flow and CFD
                            Dept. of Radiology, Hamamatsu University School of Medicine   Yang Wang
221   3T time-resolved MRA for identification of the artery of Adamkiewicz: Comparison with intraoperative
        differential selective hypothermic intercostal artery perfusion
                            Dept. of Diagnostic Radiology, Tohoku University Hospital   Hidenobu Takagi
222   Incidence of the pinch-off phenomenon detected by MDCT
                            Dept. of Radiology, Okitama General Hospital   Hitoshi Ito
223   Effect of supervision by cardiac-CT specialized radiologists on the performance quality of pediatric
        cardiac CT   Dept. of Radiology, Tokyo University Hospital   Kodai Yamamoto

313+314

15:00〜15:50   47. Nuclear Medicine 7: Lung   Seigo Kinuya

224   Comparison study among FDG uptake indices (SUVmax, SUVmean, SUVpeak, metabolic tumor
        volume, total lesion glycolysis) in predicting therapeutic effect of NSCLC
                            Dept. of Radiology, Miyazaki University School of Medicine   Shigeki Nagamachi
225   Differentiation between malignant and benign pulmonary nodules: Effect of CAD system integrating
        PET and HRCT findings on performance of radiologists
                            Dept. of Diagnostic Radiology, Hiroshima University   Daisuke Komoto
226   Pulmonary perfusion-morphologic relationship assessed with deep-inspiratory breath-hold pulmonary
        perfusion SPECT-CT in patients with pulmonary thromboembolism
                            Dept. of Radiology, Nippon Medical School   Yoshimitsu Fukushima
227   The presentation of quantitative indicator of respiratory dyspnea by pulmonary perfusion scintigraphy
        SPECT   Dept. of Radiology, NHO Numata Hospital   Osamu Mitomo
228   Segmental perfusion analysis of the lung using three-dimensional volume rendering SPECT/CT data:
        A feasibility study   Dept. of Radiology, Keio University School of Medicine   Tadaki Nakahara

313+314

16:00〜17:00   48. Nuclear Medicine 8: Cardiovascular   Shin-ichiro Kumita

229   Detection of cardiac involvement in sarcoidosis: Assessment by image fusion with delayed-enhanced
        MRI and F-18 FDG PET/CT
                            Dept. of Radiology, Ehime University Graduate School of Medicine   Rami Yokoyama
230   Relationship between the elevation of serum ketone body induced by long-term carbohydrate restriction
        and physiological myocardial F-18-FDG uptake pattern
                            Dept. of Radiology, Nippon Medical School   Yasuhiro Kobayashi

231 Circulality of left ventricle correlates with right ventricular function and pulmonary hemodynamics in patients with pulmonary hypertension using 11C-acetate PET
Faculty of Health Sciences, Hokkaido University   Chietsugu Katoh

232 Feasibility of stress-only CZT myocardial perfusion SPECT with combined supine and prone imaging
Dept. of Radiology, Ehime University School of Medicine   Yoshiko Nishiyama

233 Clinical evaluation of myocardial flow reserve using a semiconductor detector SPECT system
Dept. of Radiology, Kumamoto University Hospital   Fumi Sakamoto

234 A combination of the Langendorff method of isolated rat heart perfusion with high resolution micro PET
Department of Nuclear Medicine, University of Wuerzburg   Tomohiko Yamane

315

9:10〜10:10   49. Emergency, Autopsy Imaging   Seiji Shiotani

235 Heart wall is thicker on postmortem computed tomography than on antemortem computed tomography
Dept. of Radiology, The University of Tokyo   Hidemi Okuma

236 Postmortem chest findings in computed tomography (PMCT)
Dept. of Legal Medicine, Sapporo Medical University   Hideki Hyodoh

237 CT findings in cases of bacterial translocation resulting in septic shock
Dept. of Radiology, Nagasaki University Hospital   Hideki Ishimaru

238 Comparison of imaging findings in the lung on PMCT before and after lung removal: Focus on lung-fluid level
Dept. of Radiology, Fukui University   Kazuyuki Kinoshita

239 The perimortem CT scan: One-year review of the non-traumatic CPA patients transported into our emergency room   Dept. of Radiology, Yamagata city hospital Saiseikan   Yohei Morishita

240 Postmortem CT findings of drowning: Comparison of saltwater and freshwater drownings
Dept. of Radiology, Nagasaki University Graduate School of Biomedical Sciences
Tomonori Murakami

315

10:20〜11:20   50. IT, PACS   Michio Kimura

241 Preliminary clinical evaluation of a content-based image-retrieval system in CT diagnosis of liver tumors
Div. of Diagnostic Radiology, Shizuoka Cancer Center   Masahiro Endo

242 Development of a CT-image case database and content-based image retrieval system for non-cancerous respiratory diseases
Dept. of Diagnostic Radiology, Fukujuji Hospital   Atsuko Kurosaki

243 Support for the diagnosis of diffuse lung diseases using Semantic Web technology
Dept. of Radiology, Konan Kakogawa Hospital   Eiro Sakai

244 Determination of a suitable method of saving images to PACS : Access log analysis report, Ver.2
Osaka University Graduate School of Medicine, Department of Integrated Medicine, Medical Informatics   Naoki Mihara

245 Assessment of DICOM viewers on the virtual platform for future use with a vendor neutral archive: A pilot report   Osaka University Graduate School of Medicine, Department of Integrated Medicine, Medical Informatics   Naoki Mihara

246 Clinical evaluation of the cumulative dose distributions for multiple radiotherapy using the insight toolkit method   Research Center Hospital for Charged Particle Therapy, National Institute of Radiological Sciences   Yutaka Ando

315

13:00〜13:30   51. Breast 3: Ultrasound   Hiroko Tsunoda

247 Real-time virtual sonography-guided vacuum-assisted breast biopsy for lesions initially detected with breast MRI   Breast Imaging and Breast Intervention Section, Shizuoka Cancer Center Hospital   Takayoshi Uematsu

248 Sentinel lymph node imaging with bubble liposome on murine models
Dept. of Diag. Radiology and Nuc. Med., Gunma Univ. Grad. Sch. of Med.   Takahito Nakajima

249 Comparison between preoperative and surgical histological grading of breast phyllodes tumors: Will ultrasound gives additional information in predicting malignancy?
Department of Radiology, Tuen Mun Hospital   Chi Yan Lee

315

14:00~14:30   52. Breast 4: Mammography   Hiroko Kawashima

250   Clinical usefulness of 3D rotating mammogram in digital breast tomosynthesis
                                        Dept. of Radiology, National Cancer Center   Hitomi Tani

251   Clinical evaluation of a new mammography system with tungsten anode and image-based spectral
       conversion technology   Dept of Radiology, NHO Nagoya Medical Center   Tokiko Endo

252   Preliminary experience of multimodality reference system for breast cancer utilizing 4K large high-
       resolution color display
                              Dept. of Diagnostic Radiology, National Cancer Center   Nachiko Uchiyama

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14:40~15:40   53. Contrast Medium   Yoshito Tsushima

253   Contrast-induced nephropathy: Direct comparison of relative risks between intra-arterial and intravenous
       contrast administration in the same patients
                                        Dept of Radiology, Nippon Medical School   Ryusuke Murakami

254   Novel connecting tube for saline chaser in contrast-enhanced CT: The effect of spiral flow of saline on
       contrast enhancement   Diagnostic Radiology, Amakusa Medical Center   Masafumi Kidoh

255   Thermographic visualization of the superficial vein and extravasation using the temperature gradient
       produced by the injected materials   Dept. of Radiology, Kyushu University   Katsumasa Nakamura

256   New blood pooling MR contrast agents
                              Dept of Radiology, Shiga University of Medical Science   Norihisa Nitta

257   Investigation of contrast-induced nephropathy (CIN) after super-selective renal artery embolization for
       renal angiomyolipoma (AML)
                              Dept. of Radiology, Juntendo University School of Medicine   Rie Dosho

258   Should the dose of contrast medium be determined by total body weight? Evaluation of lean body mass
                                        Saitama Medical University Hospital   Takashi Ushimi

315

16:00~17:00   54. Gastrointestinal Tract   Kenji Matsuzaki

259   Tracheal invasion of esophageal cancer -The comparison of MRI and EBUS on diagnostic accuracy-
                              Dept. of Diagnostic Radiology, Keiyukai Sapporo Hospital   Yuya Onodera

260   Radiological study of group A of the ABC classification for gastric cancer risk
                                        Dept. of Radiology, Nara Medical Univerisity   Takahiro Itoh

261   Differentiation of early gastric cancer with ulceration and advanced gastric cancer using multiphasic
       dynamic multidetector CT   Dept. of Clinical Radiology, Kyushu University   Daisuke Tsurumaru

262   Automated insufflation of carbon dioxide for CT colonography compared with room air manual
       insufflation: Which is better ? Tips and Tips ?
                                        Department of Radiology, North District Hospital   Yee Na Tam

263   Comparison of tumor invasion depth in colon cancer between preoperative computed tomography
       colonography and optical colonoscopy
                                        Dept. of Radiology, Jichi Medical University   Hidenori Kanazawa

264   The flow dynamics of the SMA outlet affect blood flow measurement
                              Dept. of Radiology, Hamamatsu University School of Medicine Masataka Sugiyama

Annex Hall F205+206

9:10~9:40   55. Liver 3: Contrast, radiation exposure, technique   Yoshiki Asayama

265   Optimal iodine dose determined by total body weight or body surface area with 80-kVp CT for detecting
       liver metastasis   Department of Radiology, Gifu University Hospital Satoshi Goshima

266   Contrast enhancement of the aorta and the liver: Protocol with 50 seconds injection duration of the
       contrast agent   Dept. of Radiology, University of Yamanashi   Katsuhiro Sano

267   Improvement in the quantitative evaluation of tissue hemodynamics in compartment model analysis
       through use of an input correction algorithm
                              Department of Radiology, Shinshu University School of Medicine,   Akira Yamada

Annex Hall F205+206

9:50~10:30   56. Liver 4: Fibrosis   Satoshi Goshima

268   Iodine quantification using dual-energy CT for staging liver fibrosis in chronic liver disease
                              Dept. of Radiology, Kinki University Faculty of Medicine   Nobuyuki Asato

269 Hepatic pseudolesion and pseudotumor due to third inflow: Prevalence and correlation with liver fibrosis on multi-phasic MDCT
Dept. of Radiology, Kanazawa University School of Medicine   Kotaro Yoshida

270 Wave image analysis of MR elastography at 3.0T clinical unit
Dept. of Radiology, Fukuoka University of Medicine   Toshimichi Mitsufuji

271 Magnetic resonance elastography for staging liver fibrosis in chronic hepatitis B
Department of Radiology, University of Yamanashi   Shintaro Ichikawa

Annex Hall F205+206
11:00～11:40　　57. Liver 5: Steatosis, iron deposition and others　　　　Shuji Date

272 Clinical applications and validation of a multi-material decomposition algorithm for liver and fat quantification with dual-energy CT
Dept. of Radiology, Kinki University Faculty of Medicine   Tomoko Hyodo

273 Utility of the hepatobiliary phase in Gd-EOB-DTPA enhanced MR imaging in the differentiation of simple steatosis and nonalcoholic steatohepatitis
Dept. of Radiology, Ehime University Graduate School of Medicine   Megumi Matsuda

274 The detection of liver iron content with dual energy CT
Dept. of Radiology, Niigata University School of Medicine   Norihiko Yoshimura

275 Enhancement difference of hepatic parenchyma on dynamic CT among patients with normal liver and chronic liver diseases by BSA
Ehime University Graduate School of Medicine, department of radiology   Gen Koiwahara

Annex Hall F205+206
13:30～14:10　　58. Biliary Tract　　　　Yasuo Takehara

276 Assessment of physiological bile flow in the extrahepatic bile duct using cine-dynamic MRCP with spatially selective inversion recovery pulse
Kawasaki Medical School Diangnostic Radiology   Minoru Hayashida

277 Early peritumoral enhancement of bile ductular carcinoma: A radiologic-pathologic correlation
Dept. of Radiology, Kanazawa University Graduate School of medical science   Kazuto Kozaka

278 MR imaging of cholangiocarcinoma among workers in the offset color proof-printing department of a printing company in Japan   Osaka City University School of Medicine   Koichi Koyama

279 MR findings of gallbladder torsion and acute gangrenous cholecystitis: Hyperintense wall on DWI
Dept. of Radiology, Tokyo Metropolitan Ebara Hospital   Kenji Endo

Annex Hall F205+206
14:40～15:30　　59. Pancreas　　　　Kensaku Mori

280 Magnetic resonance imaging in patients with type 2 diabetes mellitus
Department of Radiology, Gifu University Hospital   Yoshifumi Noda

281 Non-invasive investigation of exocrine pancreatic function using cine dynamic magnetic resonance cholangiopancreatography (MRCP) with a spatially selective inversion-recovery (IR) pulse
Dept. of Radiology, Kawasaki Medical School   Kazuya Yasokawa

282 Clinical efficacy of target diffusion-weighted image for pancreas imaging: Preliminary clinical experience
Department of Radiology, Fukuoka University School of Medicine   Yoshinobu Shinagawa

283 Pancreatic perfusion measurements using 320-detector row computed tomography: Assessment of the post-operative pancreatic fistula after pancreaticoduodenectomy
Dept. of Diagnostic Radiology, National Cancer Center Hospital East   Tatsushi Kobayashi

284 Feasibility of the DWI and ADC value in differential diagnosis of pancreatic cystic lesions
Dept. of Radiology, Teikyo University School of Medicine   Marie Osawa

Annex Hall F205+206
16:10～17:00　　60. Liver 6: Miscellaneous　　　　Takaharu Tsuda

285 Usability of combining diffusion-weighted MRI with Gd-EOB-DTPA-enhanced MRI for detection for liver metastasis   Diagnostic Radiology, Hiroshima University   Wataru Fukumoto

286 Cavernous hemangioma in living donor liver transplantation: Natural history and clinical significance
Department of Radiology, The University of Tokyo Hospital   Takeyuki Watadani

287 3D image quality of the liver using contrast-enhanced CT with full iterative model reconstruction technique   Dept. of Radiology, Kurume University School of Medicine   Yukiko Kunou

288 Study of the validity of the consideration S5 as to be independent by the simulation software
Dept. of Image-based Medicine Institute of Biomedical Research and Innovation   Koui Miura

289   CT findings of liver affected by radiation therapy for lung carcinoma
           Dept. of Radiology, Yamanashi University School of Medicine   Tatsuya Shimizu

April 13 (Sun.)

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9:10~10:00   61. Neuroradiology 4: Cerebral vascular disease 1   Haruo Isoda

290   Arterial spin-labeling MR imaging in patients diagnosed with putaminal hemorrhage: A pilot study
           Dept. of Radiology, Faculty of Medicine, Saga University   Tomoyuki Noguchi

291   Usefulness of the R2* map by IDEAL IQ for acute cerebral infarction: Comparison with susceptibility vessel sign on T2*-weighted imaging
           Division of Radiology, Department of Pathophysiological and Therapeutic Science, Faculty of Medicine, Tottori University   Yuki Shinohara

292   Time course of diffusion kurtosis of cerebral infarctions in experimental model
           Dept. of Radiology, Nara Medical University   Toshiaki Taoka

293   4D flow MRI assessment of cerebral blood flow after extracranial-intracranial bypass
           Dept. of Radiology, Nippon Medical School   Tetsuro Sekine

294   Comparison of conventional CTA and CTA reconstructed from perfusion data at 320-section CT in the evaluation of intracranial vasculature
           Department of Diagnostic Radiology, Kumamoto University Graduate School of Medical Sciences
           Yasuhiko Iryo

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10:10~11:10   62. Neuroradiology 5: Cerebral vascular disease 2   Shoki Takahashi

295   Concurrent demonstration of the pyramidal tract and an adjacent infarct by 3D-FLAIR imaging using a variable refocusing flip angle   Dept. of Radiology, Tokyo Teishin Hospital   Misako Yorimitsu

296   The prognostic value of CT histogram analysis in post-cardiac arrest syndrome: Evaluation using automated whole-brain extraction algorithm
           Dept. of Radiology, Kyushu University   Koji Yamashita

297   The evaluation of MRI findings in old lacunar infarction: A three-year follow-up study
           Dept. of Radiology, Ehime Prefectual Central Hospital   Naoki Fukuyama

298   MR angiographic staging systems of the anterior and posterior circulations in moyamoya disease
           Dept. of Diagnostic Radiology, Tohoku University, School of Medicine   Shunji Mugikura

299   Intraventricular hemorrhage on initial computed tomography as predictor of the presence of diffuse axonal injury on subsequent magnetic resonance imaging
           Department of Radiology, Tohoku University   Daddy Mata-Mbemba

300   Is there correlation between hypertensive basal ganglia hemorrhage and basal ganglia calcification in geriatric population?
           Department of Imaging Sciences, University of Rochester Medical Center   Brandon Sur

302

9:40~10:40   63. Kidney   Hiroshi Shinmoto

301   Renal artery anomalies associated with horseshoe kidneys: Value of CT angiography
           Dept. of Radiology, Tokai University School of Medicine   Tamaki Ichikawa

302   Age-related change of ADC and T2* values of kidney on MRI
           Dept. of Radiology, Hyogo College of Medicine   Yoko Igarashi

303   Arterial transit time-corrected renal blood flow measurement by pulsed-continuous arterial spin labeling MRI: Feasibility and validation study in healthy volunteers
           Dept. of Radiology, University of Fukui   Kazuhiro Shimizu

304   Iodine dose reduction for contrast-enhanced CT of the kidney using a low-tube-voltage technique
           Department of Radiology, Gifu University Hospital.   Nobuyuki Kawai

305   Utility of MR imaging for prediction of nuclear grade in clear cell renal cell carcinoma
           Department of Radiology, Kawasaki Medical School   Akira Yamamoto

306   The incremental value of diffusion-weighted magnetic resonance images in the staging of preoperative T categories in renal pelvic carcinoma
           Dept. of Radiology, Shimane University Faculty of Medicine   Hiroshi Mori

302

11:10〜11:50　　64. Urinary Tract, Adrenal　　　　　　　　　　　　　Kentaro Ida

307　Non-contrast MR imaging of the right adrenal vein for adrenal venous sampling: Comparison with MDCT angiography　　　Dept. of Diagnostic Radiology, Tohoku University Hospital　　Hideki Ota

308　Low-dose CT urography: Does longer delay time or tri-phasic acquisition for the excretory phase achieve complete opacification of urinary systems?
　　　　　　　　　　　　　　　　　　　Dept. of Radiology, Osaka Medical College　　Hiroshi Juri

309　［Canceled］

310　［Canceled］

302

13:30〜14:30　　65. Head and Neck　　　　　　　　　　　　　　　Hisao Tonami

311　Adenoid cystic carcinoma of the maxillary sinus: CT and MR imaging findings
　　　　　　　　　　　　　　　Dept. of Radiology, Gifu University School of Medicine　　Hiroki Kato

312　MR imaging of endolymphatic hydrops in 10 minutes: A new strategy for dramatic scan time reduction
　　　　　　　　　　　　　　Dept. of Radiology, Nagoya Univ. Graduate School of Med.　　Shinji Naganawa

313　Apparent diffusion coefficient is a prognostic factor of head and neck squamous cell carcinoma treated with radiotherapy
　　　　　　　　　　Department of Diagnostic Radiology, Sapporo Medical University　　Masamitsu Hatakenaka

314　High-resolution diffusion-weighted imaging using readout-segmented echo-planar imaging for the evaluation of head and neck tumors
　　　　　　　　　　　　Dept. of Radiology, Faculty of Medicine, University of Miyazaki　　Takao Kodama

315　Evaluation of salivary gland tumors: ADC histogram parameters versus mean ADC value
　　　Dept. Diagnostic Radiology, International Medical Center, Saitama Medical University　　Naoko Saito

316　MR findings of basal cell adenoma　　　Dept. of Radiology, Chiba University Hospital　　Hiroki Mukai

303

13:00〜13:50　　66. Interventional Radiology 11: Nonvascular IR (Biopsy, ablation)
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　Takuji Mogami

317　Transpulmonary radiofrequency ablation for liver tumors under real-time computed tomography-fluoroscopic guidance　　　Department of Radiology, Chugoku Rosai Hospital　　Keigo Chosa

318　Thermal influence of radiofrequency ablation for bone
　　　　　　　　　　　　　　　　　　　Dept. of Radiology, Tottori University　　Shuichi Yamamoto

319　Analysis of factors influencing accuracy in CT-guided bone biopsy
　　　　　　　　　　　　　　　　　Dept. of Radiology, Kansai Medical University　　Miyuki Nakatani

320　Low-dose scanning protocol for CT-guided pulmonary needle aspiration cytology/biopsy: An audit on its efficacy and safety　　　Department of Radiology, Pamela Youde Nethersole Eastern Hospital, Hong Kong　　Tony H.T. Sung

321　Clinical evaluation of newly developed line laser guide apparatus for CT guided puncture
　　　　　　　　　　　　　　　　　Dept. of Radiology, Hyogo College of Medicine　　Sachiko Achiwa

303

14:00〜14:50　　67. Interventional Radiology 12: Nonvascular IR (Ablation)　　Shigeru Furui

322　Percutaneous radiofrequency ablation of lung cancer presenting as ground-glass opacity: Outcomes of 13 patients　　　Dept. of Radiology, Okayama University Medical School　　Toshihiro Iguchi

323　Percutaneous radiofrequency ablation for pulmonary metastases of esophageal cancer
　　　　　　　　　　　　　Dept. of Radiology, Okayama University Medical School　　Yusuke Matsui

324　CT findings after cryoablation for renal cell carcinoma
　　　　　　　　　　　　　Dept. of Radiology, Okayama University School of Medicine　　Mitsuko Yodoya

325　MRI findings after percutaneous renal cryoablation
　　　　　　　　　　　　　　　　Dept. of Radiology, Okayama University Hospital　　Hiroyasu Fujiwara

326　Multipolar radiofrequency ablation of adrenal gland with bipolar ablation device: Evaluation of suitable conditions from experimental animal studies
　　　　　　　　Dept. of Diagnostic Radiology, Tohoku University School of Medicine　　Tomo Kinoshita

304

9:10～10:10　　　68. Female Pelvis 2: Uterus 1　　　　　　　　　Yoshimitsu Ohgiya

327　What is a 'stromal ring' on MRI of the uterine cervix?: An analysis of the zonal anatomy of the uterine cervix　　　　　　　　Dept. of Radiology, Breast Care Center and Clinical Research Institute, National Kyushu Medical Center　　　Roka Namoto Matsubayashi

328　MR imaging appearance of gastric type adenocarcinoma of cervix comparison with usual-type mucinous adenocarcinoma and squamous cell carcinoma
　　　　　　　　Dept. Diag. Radiology, Kyoto University　　　Aki Kido

329　Evaluation of the morphological changes in uterus and ovaries induced by chemotherapy using MRI: Effects of NAC in cervical cancer
　　　　　　　　Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University　　　Yuki Himoto

330　Dynamic contrast enhanced MRI of uterine endometrial carcinoma at 3T MRI: The value of subendometrial enhancement and peritumoral enhancement
　　　　　　　　Dept. of Radiology, Nara Medical University　　　Junko Takahama

331　MRI findings for differentiating carcinosarcoma and carcinoma in the uterine corpus
　　　　　　　　Nagoya City University Graduate School of Medical Sciences, Department of Radiology
　　　　　　　　Yuki Kamishima

332　Signal reduction on out-of-phase chemical shift imaging in uterine endometrial carcinoma: Clinicoradiological significance
　　　　　　　　Dept. of Radiology, Fukuoka University School of Medicine　　　Mikiko Shimakura

304

10:40～11:20　　　69. Female Pelvis 3: Uterus 2　　　　　　　　　Shinya Fujii

333　Ectopic pregnancy detected by MR imaging
　　　　　　　　Department of Diagnostic Radiology, Kyoto City Hospital　　　Katsumi Hayakawa

334　Amide proton transfer imaging of the uterus: A preliminary study
　　　　　　　　Department of Molecular Imaging and Diagnosis, Graduate School of Medical Sciences, Kyushu University　　　Yukihisa Takayama

335　Placenta accreta: MR evaluation using FIESTA
　　　　　　　　Dept. of Diagnostic Radiology, Sapporo Medical University　　　Yuriko Kawaai

336　The efficacy of steady-state free precession (SSFP) MR imaging in ectopic pregnancy
　　　　　　　　Dept. of Radiology, Osaka Red Cross Hospital　　　Maya Honda

304

13:00～14:00　　　70. Neuroradiology 6: Miscellaneous　　　　　　　　　Akira Uchino

337　Middle cerebral artery vessel wall imaging by a T1-weighted black-blood 3D TSE sequence with a variable refocusing flip angle　　　Dept. of Radiology, Tokyo Teishin Hospital　　　Kazuhiro Tsuchiya

338　Signal-intensity of precentral and postcentral gyri: Evaluation with phase difference enhanced imaging
　　　　　　　　Dept. of Radiology, University of Occupational and Environmental Health　　　Shingo Kakeda

339　Semi-automatic volumetric analysis of brain on MRI of infant with normal and abnormal development at term equivalent age　　　Dept. of Radiology, Hyogo College of Medicine　　　Yusuke Kawanaka

340　Laterality of superior ophthalmic veins as a physiological findings
　　　　　　　　Department of Radiology, Chiba University Hospital　　　Atsushi Saiga

341　Evaluation of patient cerebral vasculature: Comparison between Silenz MRA and 3D TOF MRA
　　　　　　　　Dept. of Radiology, Seireihamamatsu general hospital　　　Kenichi Mizuki

342　Evaluation of the reduction effect on the intracranial metal artifact using single energy metal artifact reduction technique on area-detector CT
　　　　　　　　Dept. of Radiology, Fujita Health University, School of Medicine　　　Kazuhiro Murayama

304

14:10～14:50　　　71. Neuroradiology 7: Demyelination, inflammation, degeneration
　　　　　　　　Kazuhiro Tsuchiya

343　Signal intensity ratio of the optic nerve to ipsilateral frontal white matter is of value in diagnosing acute optic neuritis　　　Department of Diagnostic Radiology, Sapporo Medical University　　　Maki Onodera

344　Quantitative susceptibility mapping in patients with systemic lupus erythematosus: Detection of abnormalities in normal-appearing basal ganglia
　　　　　　　　Department of Radiology, University of Occupational and Environmental Health School of Medicine
　　　　　　　　Atsushi Ogasawara

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345　Diffusion MRI of the optic pathways in multiple sclerosis
　　　　　　Deparment of Radiology, Juntendo University Graduate School of Medicine　　Mariko Yoshida
346　Regional diffusion tensor imaging metrics of the cervical spinal cord in sporadic amyotrophic lateral
　　　sclerosis　　　　　　　　　　　　　Department of Radiobiology and Medical Engineering, Hokkaido
　　　　　　University Graduate School of Medicine　　　　　　Khin Khin Tha

311+312
10:50～11:50　　72. Musculoskeletal 1: Spine　　　　　　　　　　　Osamu Tanaka

347　The relationship between prevertebral edema or hematoma on MRI and spinal cord injury in acute
　　　cervical spinal trauma　　　　　　　Dept. of Radiology, Nagasaki Medical Center　　Kazuaki Nakashima
348　Pyogenic spondylitis forming paravertebral abscess often shows very high intensity on T2 weighted
　　　image in intervertebral discs　　　　　　Dept. of Radiology, Chiba University Hospital　　Shinya Hattori
349　Clinical evaluation of automatic plane setting support function for spine MRI
　　　　　　　　　　Dept. of Radiology, Kyorin University School of Medicine　　　Motonori Kokan
350　Standing MRI exaggerates lumbar stenosis but does not improve patient symptom correlation
　　　　　　　Department of Imaging and Interventional Radiology, Prince of Wales Hospital　　Ryan Ka Lok Lee
351　Added value of MR myelography using the 3D COSMIC sequence in the diagnosis of lumbar canal
　　　stenosis　　Dept. of Radiology, Yamaguchi University Graduate School of Medicine　　Takaaki Ueda
352　Quantitative- and qualitative assessment of dural ectasia in marfan syndrome: Is there a racial
　　　difference?　　　　　　　　　　　Saiseikai Kumamoto Hospital　　　Eri Hayashida

311+312
13:30～14:30　　73. Musculoskeletal 2 : Joint and others　　　　　　Masahiko Fujii

353　Diagnostic imaging of dedifferentiated liposarcoma
　　　　　　　　　Dept. of Diagnostic Radiology, Sapporo Medical University　　　Mitsuharu Tamakawa
354　MR findings that mimic disease of knee cartilage in osteoarthritis patients: Comparison of SPGR at 1.5T
　　　and FLASH at 3T　　　Dept. of Radiology, Shinshu University School of Medicine　　Masaaki Takahashi
355　MR imaging findings of tendinopathy/partial tear of the long head of biceps tendon in patients with
　　　rotator cuff tear　　　　　　Dept. of Radiology, Nagasaki University Hospital　　Tetsuji Yamaguchi
356　Assessment of radiographic progression in rheumatoid arthritis patients using sharp/van der heijde
　　　scoring method: Comparison with plain radiography and tomosynthesis
　　　　Department of Radiology, University of Occupational and Environmental Health School of Medicine
　　　　　　　　　　　　　　　　　Masami Fujii
357　The ulnar nerve during elbow flexion in healthy volunteers: Assessment using MRI
　　　　　　　　　　Department of Radiology, Nagasaki Rosai hospital　　Yasuhiro Kawahara
358　Comparion of Gd-DTPA-BMA versus Gd-DOTA of gadolinium retention in human bone tissue work-in
　　　progress　　　　　　　Dept. of Radiology Kobe University School of Medicine　　Hajimu Goto

313+314
9:10～10:00　　74. Radiation Oncology 7: Head and neck 2　　　　Yoshikazu Kagami

359　Radiotherapy with or without concurrent chemotherapy for T1-3 glottic carcinoma: A retrospective
　　　analysis　　　　　　　Dept. of Radiation Oncology, Kagawa University Hospital　　Shigeo Takahashi
360　Definitive radiotherapy for T3 laryngeal cancer
　　　　　　　Division of Radiation Oncolology, Kobe University School of Medicine　　Yoshiro Matsuo
361　Initial experience of radiotherapy plus cetuximab for head and neck cancer patients
　　　　　Diagnostic Radiology and Radiation Oncology, Graduate School of Medicine, Chiba University
　　　　　　　　　　　　　　　　Marie Kurokawa
362　A report of an external carotid arterial sheath for head and neck cancer: A new device for arterial
　　　infusion chemoradiotherapy　　　　　Dept. of Radiology, Mie University School of Medicine　　Noriko Ii
363　Assessment of nodal level involvement in patients with oropharyngeal carcinoma treated with definitive
　　　radiation therapy
　　　　　　Dept. of Radiation Oncology, Kumamoto University School of Medicine　　Akiko Semba

313+314
10:10～10:50　　75. Radiation Oncology 8: Brain, head and neck　　　Toru Shibata

364　Clinical outcome of postoperative radiotherapy for high grade glioma
　　　　　　　　　Dept. of Radiology, Okayama University Medical School　　Takahiro Waki
365　Results of intracranial germ cell tumor treatment
　　　　　　Departmentof Radiology, Faculty of Medicine, The University of Tokyo　　Hiroshi Igaki

366 Concurrent chemoradiotherapy with S-1 in patients with advanced oral cavity squamous cell carcinoma
Department of Radiation Oncology, Kumamoto University Hospital   Ryo Toya
367 High-dose-rate brachytherapy for lip and oral cavity tumors
Department of Radiology, Okayama University Hospital   Kuniaki Katsui

313+314
13:00～13:40   76. Nuclear Medicine 9: Liver and others   Kiyoshi Koizumi
368 Effect of time-of-flight (TOF) and point spread function (PSF) on the detection of small-sized hepatic metastasis in FDG-PET/CT
Department of Radiology, Keio University School of Medicine   Yu Iwabuchi
369 The incremental value of dual-time-point FDG-PET/CT in the detection of pathological hepatic uptake
Department of Imaging and Interventional Radiology,
Prince of Wales Hospital, The Chinese University of Hong Kong   Peggy Tang
370 Detectability of PET/CT with ^{68}Ga-DOTATOC for identifying suspected or unknown primary neuroendcrine tumors   Dept. of Diagnostic Imaging and Nuclear Medicine,
Kyoto University Graduate School of Medicine   Yuji Nakamoto
371 Predicting the functional increase after portal vein embolization using 99mTc-GSA SPECT/CT fused imaging   Dept. of Diagnostic Radiology, Graduate School of Life Sciences,
Kumamoto University   Morikatsu Yoshida

313+314
13:50～14:30   77. Nuclear Medicine 10: Urinary organs   Harumi Sakahara
372 Diagnostic performance of 18F-FDG PET after diuretic for the upper urinary tract carcinomas: PET/MRI fusion and contrast-enhanced PET/CT   PET center, Kochi University Hospital   Munenobu Nogami
373 Assessment of FDG-PET/CT abnormalities in adrenal grand
Dept. of Radiology, Kansai Medical University   Yasuhiro Ueno
374 FLT-PET/CT findings of adrenal tumors
Department of Radiology, Graduate School of Medical and Dental Sciences, Kagoshima University
Masatoyo Nakajo
375 Pre-operative assessment of aggressiveness in prostate cancer: A comparison between ^{11}C-MeAIB PET/CT, ^{18}F-FDG PET/CT, and MR imaging
Department of Diagnostic Imaging and Nuclear Medicine, Kyoto
University Graduate School of Medicine   Maya Arimoto

315
9:40～10:40   78. Pediatric   Noriko Aida
376 CT findings of bronchial atresia with multiple cystic lesions: Comparison with congenital cystic adenomatoid malformation
Dept. of Radiology, Kanagawa Children's Medical Center   Kumiko Nozawa
377 Evaluation of fetal cystic lung lesions - "Hump sign" suggesting congenital pulmonary airway malformation type 1
Dept. of Radiology, National Center for Child Health and Development   Masahiro Kitami
378 The neck CT findings and clinical features of Kawasaki disease
Dept. of Radiology, St. Luke's International Hospital   Yuka Morita
379 Single axial cardiac and whole body CT scan with two-phase injection of contrast material for children with congenital heart disease
Dept. of Radiology, Ehime University Graduate School of Medicine   Naoto Kawaguchi
380 Evaluation of adaptive iterative dose reduction 3D in fetal CT: Comparison with filtered back projection method   Dept. of Radiology, Fujita Health University   Shigetaka Suzuki
381 Comparisons of international and domestic pediatric CT usage
Dept. of Radioisotope Medicine, Atomic Bomb Research Institute, Nagasaki University
Takashi Kudo

315
10:50～11:30   79. Interventional Radiology 13: Arteriovenous malformation
Hiroyasu Fujiwara
382 A national epidemiological survey of vascular malformations in Japan: Results of a pilot survey
Dept. of Diagnostic Radiology 2, Kawasaki Medical School   Kentaro Shibamoto

383 Percutaneous sclerotherapy for patients with venous malformation: Clinical discrepancy between patient-based and MRI-based evaluations

Dept. of Radiology, Kurume University School of Medicine　　Asako Kuhara

384 Clinical experience of TAE for colorectal arteriovenous malformations in our hospital

Dept. of Radiology, Osaka Police Hospital　　Keno Moriki

385 Endovascular intervention of spinal arteriovenous malformation: Special reference to the indication, limitation, and complication

Dept. of Radiology, Stroke Center, Ohashi Hosp, Toho Univ.　　Yuo Iizuka

315
13:00～13:40　　80. Chest 5: Miscellaneous　　　　　　　　　　　　　　Yasuyuki Kurihara

386 Clinical investigation of asbestos-related diffuse pleural thickening in Japan

Dept. of Radiology, Okayama University Hospital　　Katsuya Kato

387 Differentiation of mediastinal tumors with Ktrans and extracellular volume mesurements using dynamic contrast-enhanced magnetic resonance imaging (DCE-MRI)

Dept. of Radiology, Tokyo Medical University　　Ryuhei Masuno

388 CT characteristics of the anti-ARS autoantibody syndrome: Correlation with VATS lung biopsy and the clinical course　　　　　　　　Department of Radiology, Tenri Hospital　　Masahide Nobuhara

389 The clinical evaluation of thoracic computed tomography findings in 88 neurofibromatosis 1 (NF1) patients, including the incidence rate and correlations

Department of Radiology, Osaka University Graduate School of Medicine　　Ken Ueda

Annex Hall F205+206
11:00～11:50　　81. Radiation Oncology 9: Breast, musculoskeletal　　　　Naoto Shikama

390 Preliminary evaluation of simultaneous integrated boost planning using TomoDirect for patients with early breast cancer　　Dept. of Radiation Oncology, Aomori Prefectural Central　　Junichi Yokouchi

391 Displacement of surgical clips during radiotherapy after breast-conserving surgery

Dept. of Radiation Oncology, Kansai Rosai Hospital　　Kazufumi Kagawa

392 Clinical results of boron neutron capture therapy for skin melanoma in Japan

Dept. of Radiation Oncology, Kawasaki Medical School　　Junichi Hiratsuka

393 Retrospective analysis of risk factors influencing survival and gait disturbance in patients with spinal metastases

Division of Radiation Oncology, Kobe University Graduate School of Medicine　　Yasuo Ejima

394 Physicians' preference to use radiotherapy for pain relief with use of short schedule by radiation oncologist　　　　　　Dept. of Radiation Oncology, Kumamoto University Hospital　　Tetsuo Saito

Annex Hall F205+206
13:00～14:00　　82. Radiation Oncology 10: Uterus　　　　　　　　　　　Takashi Uno

395 Treatment outcome of concurrent chemoradiotherapy with nedaplatin for FIGO stage IB2-IVA carcinoma of the cervix uteri

Dept. of Radiation Oncology, Osaka University Graduate School of Medicine　　Masateru Fujiwara

396 Outcomes of radiotherapy for extrapelvic lymph node recurrence of the cervical cancer

Department of Diagnostic Radiology and Radiation Oncology,
Graduate School of Medicine, Chiba University　　Aki Kanazawa

397 Factors affecting the D2cc for the organs at risk in cervical cancer patients treated with CT-based image-guided intracavitary brachytherapy

Dept. of Radiology, University of the Ryukyus Hospital　　Takeaki Kusada

398 Comparisons of late vaginal mucosal reactions between interstitial and conventional intracavitary brachytherapy in patients with gynecological cancer

Dept. of Radiology, Kyoto Prefectural Medical School　　Hideya Yamazaki

399 Patterns of care study for intensity modulated radiation therapy practices in Japan for patients with postoperative cervical cancer　　　　　Dept. of Radiation Oncology, NCCH　　Naoya Murakami

400 Multi-institutional comparison of IMRT treatment planning for postoperative cervical cancer patients

Radiation Oncology Division, National Cancer Center Hospital　　Hiroyuki Okamoto

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