CyPos Session Programs

April 11 (Fri.)

Marine Lobby 1

9:10～9:52 CyPos1. DR: Cardiac 1 Kazunori Kuroki

C001 Relationship between coronary artery calcium score and frequency of nonassessable obstructive stenosis on 320 detector-row CT angiography
Dept. of Radiology, Takase Clinic Makoto Amanuma

C002 Radiation dose reduction for coronary artery calcium scoring at 320-detector CT with iterative reconstruction: Preliminary clinical study
Department of Diagnostic Radiology, Hiroshima University Fuminari Tatsugami

C003 Significance of pericardial fat deposit in the screening of coronary artery disease
Dept. of Cardiology, Kure National Hospital Ritsu Tamura

C004 The difference of coronary vasodilation due to the plaque characteristics before and after the use of nitroglycerin using coronary CTA
Department of Radiology, Yamaguchi University Graduate School of Medicine Munemasa Okada

C005 Relation of reduced cardiac function and serious arrhythmia to T1 value and DE in DCM with LVEF less than 35% Dept. of Radiology, Nippon Medical School Masaki Tachi

C006 [Canceled]

C007 Detectability of myocardial fibrosis using tagging imaging by cardiovascular magnetic resonance
Dept. of Radiology, Kobe University Hospital Atsushi Kono

Marine Lobby 1

10:00～10:36 CyPos2. DR: Cardiac 2 Toru Sakuma

C008 The cardiac CT appropriate use criteria (AUC) 2010 at 320-row area-detector CT with 0.275-sec rotation time
Diagnosotic Radiology, Faculty of Life Sciences, Kumamoto Univeristy Daisuke Utsunomiya

C009 Usefulness of 4D-Flow without flow analysis application (4D PCA) for potential cardiovascular patients
Dept. of Radiology, Seirei Mikatahara Hospital Mamoru Takahashi

C010 MR imaging of cardiac sarcoidosis: Evaluation of delayed enhanced segment and layer of the heart
Department of Radiology, Nagoya University Graduate School of Medicine Tomohiro Komada

C011 CT findings of ruptured infrarenal abdominal aortic aneurysm: Implications for rupture risk
Department of Radiology, Tenri Hospital Hiroki Horinouchi

C012 Focal contrast enhancement of aortic intramural hematoma
Ehime Prefectural Central Hospital Rui Ebihara

C013 MDCT and MRA findings in patients with aortitis syndrome (Takayasu arteritis)
Dept. of Radiology, Nagoya City Hospital University School of Medicine Nobukata Kazawa

Marine Lobby 1

11:00～11:42 CyPos3. DR: Neuroradiology 1 Masaaki Hori

C014 Comparison between proton MR spectroscopy and MIB-1 labeling index for brain tumors
Department of Diagnostic Imaging and Nuclear Medicine Kyoto University Graduate School of Medicine Yasutaka Fushimi

C015 Magnetic resonance spectroscopic (MRS) features of lateral ventricle subependymoma (LVS) compared with central neurocytoma (CNC)
Dept. of Radiology, Kanazawa University Hospital Fumiaki Ueda

C016 Difference between glioblastomas and primary central nervous system lymphomas (PCNSLs) using 1H-magnetic resonance spectroscopy
Dept. of Radiology, Kanazawa University School of Medicine Hiroyuki Aburano

C017 Characteristics of contrast enhancement on brain tumors measured by 3D FSPGR and T1 CUBE imaging Department of Radiology, Institute of Health Biosciences, The University of Tokushima
Mungunkhuyag Majigsuren

C018 Evaluation of the injection rate in cerebral perfusion MR imaging
Dept. of Radiology, Kyorin university faculty of medicine Miho Gomyo

C019 Metal artifact reduction in a brain aneurysm phantom with stent-assisted coil embolization by dual-energy gemstone spectral monochromatic CT images
Dept. of Radiology, Osaka University School of Medicine Rongli Wu

C020 Magnetic resonance evaluation of laryngeal and brain edema during anaphylactic hypotension: An experimental study Dept. of Radiology, Kanazawa Medical University Ichiro Toyota

Marine Lobby 1

15:10～15:58 CyPos4. NM 1: Chest, cardiac Yoshihiro Okumura

C021 Regional left ventricular function with normal perfusion and matched or mismatched fatty acid metabolism in recent myocardial infarction
Dept. of Radiology, Nippon Medical School Tamanagayama Hospital Akira Yamamoto

C022 Characteristics of regional pattern of metabolic abnormalities in patients with takotsubo cardiomyopathy or acute myocardial infarction Dept. of Nuclear Medicine, Kanazawa University Shinro Matsuo

C023 Comparison of time-of-flight with 3D RAMLA in a quantitative analysis for rest and stress myocardial blood flow using ^{13}N-ammonia PET
Dept of Radiology, Nippon Medical School Takeshi Tomiyama

C024 Variation of ^{18}F-FDG myocardial accumulation in patients with cardiac sarcoidosis over 6-year follow-up
Division of Radiology, Gunma Prefectual Cardiovascular Center Keiko Koyama

C025 Comparison of C-11 methionine and F-18FDG uptake in non-small cell lung cancer
National Institute of Radiological Sciences Sachiko Toubaru

C026 PET using H215O in non-small cell lung cancer: Quantitative evaluation of antiangiogenic therapy effects Dept. of Radiology, Osaka University Graduate School of Medicine Masahiro Yanagawa

C027 Clinical value of scanning additional areas in FDG-PET/CT for breast cancer patients
Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto University School of Medicine Tomomi Nobashi

C028 Factors affecting non-visualization of sentinel nodes on early images of breast lymphoscintigraphy
Dept. of Radiology, Okayama University Medical School Akihiro Tada

Marine Lobby 1

16:10～16:28 CyPos5. NM 2: Brain, liver Hiroaki Hoshi

C029 Stress-induced dopamine release in human medial prefrontal cortex: ^{18}F-Fallypride PET study in healthy volunteers
Dept. of Psychiatry, Neurology and Neurosurgery, McGill University Atsuko Saito
※This presentation will be given at Marine lobby 1 on April 13th (Sun). 11:00-11:36 (CyPos 27)

C030 Hepatic regional function reserve assessment with ^{99m}Tc-GSA SPECT/CT in patients with hepatobiliary tumor through PTPE Department of Radiology, Nippon Medical School Yasuro Sugihara

C031 A quantitative investigation of hepatic uptake on I-131 whole-body scintigraphy for prognosis of residual thyroid carcinoma Dept. of Radiology, Asahikwa Medical University Michihiro Nakayama

Marine Lobby 1

17:00～17:36 CyPos6. DR: Contrast media, Miscellaneous Takashi Yoshiura

C032 Reducing the radiation dose for CT colonography: Effect of low tube voltage and iterative reconstraction
Diagnostic Radiology, Kumamoto University Sadahiro Yamamura

C033 Usefulness of sinogram affirmed iterative reconstruction (SAFIRE) for improving image quality of CT in patients with congenital heart disease
Dept. of Radiology, Nagoya City University of Medical Sciences Motoo Nakagawa

C034 50% contrast dose reduction using 80-kVp and iterative reconstruction for hepatic dynamic CT in patients at high-risk of contrast-induced nephropathy
Dept. of Diagnostic Radiology, Kumamoto University Seitaro Oda

C035 Influence on the renal function by contrast-enhanced CT which uses half amount of contrast media in renal dysfunction cases
Dept. of Radiology, Kansai Medical University Hirakata Hosp. Hiroaki Kurokawa

C036 Comparison of moderate and high concentration of contrast material at hepatic dynamic contrast enhanced CT Diagnositic Imaging Division, Tochigi Cancer Center Nozomi Ohashi

C037 CT imaging appearances and management of isolated spontaneous dissection of the superior mesenteric artery Dept. of Radiology, Nippon Medical School Mayumi Fujimoto

Marine Lobby 2

9:10～9:28 CyPos7. IR 1: Stent-graft Tetsuya Fukuda

C038 Internal iliac artery coil embolization prior to EVAR: Effect of total occlusion of the internal iliac artery versus residual flow Dept. of Radiology, Tenri Hospital Yuki Sanda

C039 Carbon dioxide digital subtraction angiography: An alternative for detection endoleaks at EVAR procedure Department of Radiology, Nagasaki University School of Medicine Eijun Sueyoshi

C040 Endovascular repair of an isolated common iliac aneurysm in 14 patients
Department of Interventional Radiology, Kawasaki Saiwai Hospital Soichiro Hase

Marine Lobby 2

10:00～10:24 CyPos8. IR 2: Embolization Manabu Hashimoto

C041 Comparison of the local control effects of microballoon-occluded transarterial chemoembolization using miriplatin and TACE using epirubicin for hepatocellular carcinoma
Dept. of Radiology, Kyushu University Beppu Hospital Masakazu Hirakawa

C042 Volumetric change of embolized area after B-TACE
Dept. of Radiology, Teine Keijinkai Hospital Yoshihisa Kodama

C043 Adverse events after transcatheter arterial chemoembolization via the inferior phrenic artery
Dept. of Diagnostic Radiology and Nuclear medicine, Gunma University School of Medicine Yoshiya Watanabe

C044 Assessment of effectiveness of arterial embolization for post-partum hemorrhage
Dept. of Radiology, Saitama Medical Center, Saitama Medical University Wataru Watanabe

Marine Lobby 2

11:00～11:36 CyPos9. IR 3: Miscellaneous Yoshihiro Toyama

C045 Long-term outcome of percutaneous interventions for hepatic venous outflow obstruction after pediatric living donor liver transplantation
Dept. of Diagnostic Imaging and Nuclear, Graduate school of Medicine, Kyoto University Minoru Yabuta

C046 Biochemically success catheterization rate of adrenal venous sampling in cases complicated by hemorrhage
Department of Diagnostic Radiology, Kumamoto University Hospital Yoshinori Shigematsu

C047 Prognosis and perioperative factors of acute limb ischemia in 30 consecutive cases
Dept. of Radiology, Nippon Medical school Izumi Miki

C048 Shunted pouches of cavernous sinus dural arteriovenous fistulas: Evaluation by multiplanar reformatted images of rotational angiography Dept of radiology, Oita University Hospital Hiro Kiyosue

C049 Radiation exposure of the operator and nusing staff with RADPAD® on under tube C-arm
Dept. of Radiology, Kansai Medical University Shohei Kanno

C050 The point at issue of the PMDA review for Embosphere and HepaSphere Microspheres
Office of Medical Devices, Pharmaceutical and Medical Device Agency Jun Sakurai

Marine Lobby 2

15:10～15:52 CyPos10. RT 5: Urologic Hidetoshi Kobayashi

C051 A treatment planning and acute toxicity of whole-pelvis VMAT in the first 100 consecutive patients with high-risk prostate cancer Dept. of Radiation Oncology, Tane General Hospital Kentaro Ishii

C052 Brachytherapy for patients with intermediate-risk prostate cancer at a single institution
Dept. of Radiation Oncology, Kinki University Faculty of Medicine Masaki Yokokawa

C053 Evaluation of the bladder volume of prostate cancer patients in intensity modulated radiation therapy planning Dept. of Radiology, Hyogo College of Medicine Yasuhiro Takada

C054 Comparison between radiation dose to the penile bulb and neurovascular bundles in men with and without prostate brachytherapy-induced erectile dysfunction
Dept. of Radiology, Kagawa University Taro Togami

C055 Comparison of the frequency of late rectal bleeding after external radiation therapy and brachytherapy for prostate cancer Dept. of Radiation Oncology, Hiroshima Prefectural Hospital Koichi Wadasaki

C056 Rectal dose reduction by spacer gel in tomotherapy IMRT/IGRT for prostate cancer
Dept. of Radiotherapy, Hokuto Hospital Kazushi Kishi

C057 Local effects of radiation therapy for metastatic renal cell carcinoma
Dept. of Radiology, Nara Pref. Nara Hospital Noriko Horikawa

Marine Lobby 2

16:10～16:34 CyPos11. RT 6: Uterus Takafumi Toita

C058 Concurrent chemoradiotherapy using platinum anti-cancer drugs for locally advanced stage II-III squamous cell carcinoma of the uterine cervix
Dept. of Radiation Oncology, Hiroshima University Hospital Yuko Kaneyasu

C059 Radiotherapy for postoperative local or regional recurrent uterine cervical carcinoma
Division of Radiology, Department of Pathophysiological Therapeutic Science, Faculty of Medicine, Tottori University Koichi Michimoto

C060 Relationship between bladder volume and dose to the bowel in cervical cancer patients treated with IGBT Department of Radiology, Graduate School of Medical Science, University of the Ryukyus Goro Kasuya

C061 Changes in bone mineral density in uterine cervical cancer patients after radiation therapy
Department of Radiation Oncology, Gunma University Graduate School of Medicine Yoshiyuki Suzuki

Marine Lobby 2

17:00～17:48 CyPos12. RT 7: Miscellaneous Kazuhiko Ogawa

C062 Single-dose irradiation in preventing heterotopic ossification after open reduction and internal fixation of acetabular fracture Dept. of Radiation oncology, Fukuyama City Hospital Mitsuru Kobayashi

C063 Usefulness of daily fractionated administration of wortmannin combined with γ-ray irradiation in terms of local tumor response and lung metastasis
Dept. of Radiat. Life and Med. Sci., Res. Reactor Inst., Kyoto Univ. Shinichiro Masunaga

C064 Space making radiotherapy: Safety and efficacy of absorbable spacer in particle therapy
Division of Radiation Oncology, Kobe University Hospital Ryohei Sasaki

C065 Preliminary experience of percutaneus implant of visicoil as fiducial markers for body lesions
Dept. of Radiology, University of Yamanashi Faculty of Medicine Kengo Kuriyama

C066 LET-dependent bystander effect after particle irradiation
Research Center Hospital for Charged Particle Therapy, National Institute of Radiological Sciences Masaru Wakatsuki

C067 Development of [DVH simple evaluation] software (Part 1)
Department of Radiation Oncology, Seirei Hamamatsu General Hospital Masashi Nozue

C068 Consideration of pass criteria for IMRT credentialing using the gradient method in multi-institutional clinical trials Dept. of Medical Physics and Engineering, Graduate School of Medicine, Hokkaido University Masayori Ishikawa

C069 Role of radiation oncologist for palliative care team
Dept. of Radiology, Saitama Medical Center Keiichiro Nishimura

April 12 (Sat.)

Marine Lobby 1

9:10～9:46 CyPos13. DR: Musculoskeletal Taisuke Sasaki

C070 Automated detection of anomalous spinal segmentations: A feasibility study by using 300 CT datasets
Dept. of Radiology, Tokyo University School of Medicine Yoshiyasu Nakano

C071 CT-based finite element modeling and microstructural analysis detect reduced bone mineral content and bone strength in the spine after TACE
Dept. of Radiology, Hiroshima University Miyuki Takasu

C072 Quantification of bone marrow fat content using IDEAL: Reproducibility, site variation, and correlation with age and menopause
Dept. of Radiology, University of Occupational and Environmental Health School of Medicine Takatoshi Aoki

C073 Assessment of the popliteomeniscal fascicles of the lateral meniscus by thin-slice 3D MRI: Comparison with 2D MRI Dept. of Radiology, Toho University Sakura Medical Center Masayuki Odashima

C074 High-resolution magnetic resonance imaging of dactylitis in psoriatic arthritis
Dept. of Radiology, Shimane University Faculty of Medicine Eiji Fukuba

C075 Anatomical investigation of the posterior humeral circumflex artery: Avoiding axillary nerve injury when using minimally invasive plate osteosynthesis
Dept. of Radiology, Tobata Kyoritsu Hospital Daiji Uchiyama

Marine Lobby 1

10:10～10:34 CyPos14. DR: Obstetrics & gynecology Hiroshi Okada

C076 MR differentiation of endometriomas complicated with and without malignancy: Comparison with pathological findings
Dept. of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University Mari Kohno

C077 Ovarian serous borderline tumors: Magnetic resonance imaging findings
Dept. of Radiology, the Jikei University School of Medicine Satomi Kitai

C078 Ovarian torsion: Relationship between torsion degree, duration from onset, and radiologic findings: The more twisted, the more necrosis
Department of Diagnostic Radiology, National Hospital Organization Kure Medical Center Masayo Nishiki

C079 Placental MR imaging in fetuses with placental insufficiency
Department of Radiology, Showa University School of Medicine Yoshimitsu Ohgiya

Marine Lobby 1

11:00～11:42 CyPos15. DR: Urologic Tetsuo Maeda

C080 Renal cyst pseudoenhancement: Intra-individual comparison between virtual monochromatic spectral and conventional polychromatic 120-kVp images obtained during the same CT examination
Department of Diagnostic Radiology, Keio University School of Medicine Yoshitake Yamada

C081 Angiogenesis of clear cell renal cell carcinoma: Quantitative enhancement washout analysis using multi-detector computed tomography
Department of Radiology, Nippon Medical School Shogo Imai

C082 Diffusion tensor magnetic resonance imaging is useful for evaluating patients with chronic kidney disease
Dept. of Radiology Saitama Medinal University International Medical Center Masahiro Takahashi

C083 Perirenal lymphatics: Evaluation with heavily T2-weighted images with the fat suppression on 3T MRI
Department of Radiology, Oita University Faculty of Medicine Maki Kiyonaga

C084 Diagnostic utility of diffusion-weighted MR imaging for the differentiation of adrenal cortical adenomas from pheochromocytomas
Dept. of Radiology, Kagoshima University Medical and Dental Hospital Tomokazu Umanodan

C085 Visualization of the right adrenal vein using CT during right inferior phrenic arteriography
Dept. of Radiology, Keio University School of Medicine Sota Oguro

C086 Change in prostate gland volume after intensity-modulated radiotherapy: MRI evaluation
Dept. of Radiology, Graduate School of Medical Science, University of the Ryukyus Yuko Iraha

Marine Lobby 1

13:10～13:46 CyPos16. RT 1: Brain, malignant lymphoma Hidefumi Aoyama

C087 Comparison of field in field radiotherapy with conformal radiotherapy in unilateral cervical malignant lymphoma
Dept. of Radiology, Okayama saiseikai genaral hospital Mako Yamashita

C088 Salvage radiotherapy in patients with recurrent or refractory primary or secondary central nervous system lymphoma after chemotherapy
Dept. of Radiotherapy, Toyama Pref. Cent. Hosp. Shinichiro Toyoshima

C089 FDG-PET may be useful in radiotherapy for indolent MALT lymphoma
Dept. of Radiation Oncology, Nara Medical University School of Medicine Emiko Katayama

C090 Radiotherapy plus concomitant adjuvant temozolomide for glioblastoma: Japanese mono-institutional results
Dept. of Radiation Oncology, Gunma University Graduate School of Medicine Takahiro Oike

C091 Retrospective analysis of whole brain radiotherapy for brain metastases
Div. of Radiation Oncology, Kobe University Graduate School of Medicine Haruka Uezono

C092 Treatment outcomes of hypofractionated stereotactic radiotherapy for inoperable cerebral arteriovenous malformations
Dept. of Radiation Oncology, Saitama Medical Center Takafumi Yamano

Marine Lobby 1

14:00～14:42 CyPos17. RT 2: Head & neck Naoyuki Shigematsu

C093 The role of FDG-PET/CT as prognostic factor after chemoradiotherapy in head and neck squamous cell carcinoma compared with RECIST
Dept. of Radiology, Kanazawa Medical University Munetaka Matoba

C094 A report of mucositis caused by the combind use of cetuximab and radiotherapy
Department of Radiology, Kansai Medical University Kenji Hayashi

C095 Evaluation of postoperative irradiation for head and neck cancer
Division of Radiology, Department of Pathophysiological and Therapeutic Science, Faculty of Medicine, Tottori University Tomohiko Tanino

C096 Radiation induced hypothyroidism in squamous cell carcinoma of the head and neck
Div. of Radiation Oncology, Kobe University Hospital Daisuke Miyawaki

C097 Treatment outcomes of radiotherapy for T1/T2 supraglottic carcinoma
Division of Radiation Oncology, Kobe University Graduate School of Medicine Yoko Matsumoto

C098 Treatment results of surgery plus postoperative radiotherapy in patients with malignant parotid tumor
Dept. of Radiology, Osaka City University School of Medicine Shogo Matsuda

C099 Stereotactic radiotherapy for recurrent olfactory neuroblastoma
Dept. of Radiol. and Radiat. Oncol., Aichi Medical University Yoshimasa Mori

Marine Lobby 1

15:00～15:30 CyPos18. RT 3: Lung **Yuko Nakayama**

C100 Re-irradiation with stereotactic body radiotherapy (SBRT) for local recurrence of primary lung cancer previously treated with SBRT Dept. of Radiology, University of Yamanashi Hotaka Nonaka

C101 Stereotactic radiation therapy for nonagenarian stage I non-small cell lung cancer
Dept. of Radiation Oncology and Radiology, Yamanashi University School of Medicine Takafumi Komiyama

C102 Stereotactic ablative-body radiation therapy for elderly patients with lung cancer
Dept. of Radiology, Osaka Rosai Hospital Masashi Chatani

C103 Stereotactic body radiation therapy for lung oligometastases
Dept. of Radiology and Radiation Oncology, Yamanashi University School of Medicine Mitsuhiko Oguri

C104 Impact of pretreatment interstitial lung disease findings on radiation pneumonitis and survival after stereotactic body radiation therapy for lung cancer
Department of Radiation Oncology and Image-applied Therapy, Kyoto University Graduate School of Medicine Nami Ueki

Marine Lobby 1

16:00～16:36 CyPos19. RT 4: Liver, gastrointestinal, breast **Takeo Takahashi**

C105 Experience of proton beam therapy for hepatocellular carcinoma
Proton Therapy Center of Fukui Prefectural Hospital Shigeyuki Takamatsu

C106 Dosimetric analysis of SBRT for hepatic tumors using Varian TrueBeam™ and flattening filter free beam
Dept. of Radiation Oncology, Kobe Minimally invasive Cancer Center Hideki Nishimura

C107 Chemoradiation therapy using intensity-modulated radiation therapy for locally advanced esophageal carcinoma Dept. of Radiation Oncology, Hokkaido University Hospital Tetsuya Inoue

C108 A study of carbon ion radiosensitive of breast cancer
Research Center for Charged Particle Therapy, National Institute of Radiological Sciences Kumiko Karasawa

C109 Evaluation of the field-in-field technique with lung blocks for breast tangential radiotherapy
Dept. of Radiology, Gifu University Hospital Hidekazu Tanaka

C110 PET-CT-guided non-surgical chemo-radiosensitization treatment (KORTUC II) for patients with locally advanced breast cancer
Dept. of Diagnostic Radiol. & Radiation Oncol., Medical School, Kochi University Yasuhiro Ogawa

Marine Lobby 2

9:10～9:58 CyPos20. DR: Abdomen **Yoshitaka Okada**

C111 Optimization of contrast enhancement technique in abdominal CT perfusion
Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine Takeshi Yoshikawa

C112 Optimization of scan interval in abdominal CT perfusion
Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine Takeshi Yoshikawa

C113 Abdominal CT perfusion: Effects of breath control technique
Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine Takeshi Yoshikawa

C114 Evaluation of preoperative N-staging in gastric cancer using multi-detector computed tomography
Niigata Cancer Center Hospital Koichiro Tasaki

C115 CT findings of malignant lymphomas that were detected as mesenteric lymph node swelling
Dept. of Radiology, Japan Red Cross Kyoto Daiichi Hospital Osamu Sato
C116 Computer-aided detection of non-polypoid flat lesions in CT colonography: Observer performance study
Dept. of Radiology, Kanazawa University School of Medicine Yasuji Ryu
C117 Computed diffusion-weighted images in the abdomen: Initial experiences
Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine Takeshi Yoshikawa
C118 Shear wave velocity measurement and its reproducibility of US elastography using acoustic radiation force impulse imaging: A volunteer study
Center Hospital, National Institute of Radiological Scieces Riwa Kishimoto

Marine Lobby 2

10:10～10:40 CyPos21. DR: Pancreas Akira Furukawa

C119 Comparison between CT features and morphological type of pancreatic intraductal papillary mutinous neoplasm Dept. of Radiology, Kagoshima University Faculty of Medicine Junichi Ideue
C120 Pancreatic neuroendocrine neoplasms: Imaging features of malignancy
Dept. of Radiology, Kanazawa University School of Medicine Fumihito Toshima
C121 Pancreatic perfusion computed tomography for predicting response and survival in concurrent chemoradiotherapy of unresectable pancreatic carcinoma
Dept. of Radiology, Kurume University School of Medicine Yukiko Kunou
C122 Perivascular soft tissue density in the post pancreaticoduodenectomy: Evaluation using multidetector row CT
Department of Diagnostic Radiology, Toyama Prefectural Central Hospital Kentaro Mochizuki
C123 Santorinicele without pancreas divisum pathophysiology: Initial clinical and radiographical investigations
Radiology, The University of Tokyo Hospital Wataru Gonoi

Marine Lobby 2

11:00～11:42 CyPos22. NM 3: PET Kazuyoshi Suga

C124 The relationship between FDG uptake and clinicopathological factors in DLBCL patients
Department of Radiology, Kurume University School of Medicine Yasumitsu Hirose
C125 Wegener granulomatosis on FDG-PET Dept. of Radiology, Tenri Hospital Tsuyoshi Suga
C126 FDG uptake observed around the lumbar interspinous process
Dept. of Radiology, Graduate School of Medicine Kyoto University Kayo Nishimatsu
C127 Comparison of SUVpeak, SUVmax, and SUVmean using two image reconstruction methods in pulmonary nodules East Nagoya Imaging Diagnosis Center Tsuneo Tamaki
C128 Evaluation of lean body mass-normalized standard uptake values in PET studies using a predictive equation Dept. of Radiology, Kansai Medical University Yumiko Kono
C129 A semi-automatic method to determine consistently the liver SUV background in FDG PET-CT
Dept. of Nuclear Medicine, Hokkaido University Graduate School of Medicine Kentaro Kobayashi
C130 SharpIR and the conventional reconstruction method (CRM) have equal quantitativity in cross-calibration Dept. of Radiology , Graduate school of medical dental science, Kagoshima university Yoshiaki Nakabeppu

Marine Lobby 2

15:00～15:30 CyPos23. DR: AI, IT/PACS, Radiation exposure, contrast media Tamio Kushihashi

C131 Chest compression-induced pericardial rupture after aortic dissection: Demonstration on postmortem computed tomography Dept. of Radiology, Tsukuba Medical Center Seiji Shiotani
C132 Size-specific dose estimate (SSDE): Definition and relationship with the CT dose index: Analysis using an integrated dose management system
Dept. of Radiology, the University of Tokyo Hospital Jiro Sato
C133 Construction of an integrated image system (PACS) by connecting a non-DICOM device using electronic medical records and image filing system
Dept. of Radiology, Inabe Sogo Hospital Hidekazu Oshima
C134 Next generation of the enterprise PACS
Department of Diagositic Radiology, Toyama Precectural Central Hospital Hiroshi Demachi
C135 Implementation of a web-based multipoint teleconference system
Dept. of Radiology, Kyoto Prefectural University of Medicine Hitomi Nagano

Marine Lobby 2

16:00～16:30 CyPos24. DR: Breast Eriko Tohno

C136 Minimum ADC values compared among invasive breast cancer subtypes and correlated with the Ki-67 index using 3.0T MRI
Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital Fumi Kato

C137 Detection of invasive components in cases of ductal carcinoma in situ on biopsy by using apparent diffusion coefficient MR parameters
Department of Diagnostic Radiology, Tohoku University School of Medicine Naoko Mori

C138 MR imaging findings of breast cancer according to intrinsic subtypes: Correlation with effects of neoadjuvant chemotherapy Division of Health Sciences, Graduate School of Medical Science, Kanazawa University Hiroko Kawashima

C139 Evaluation for the method to identify each location of a lesion in two-view mammogram
Dept. of Radiology, Nagoya Medical Center Mikinao Oiwa

C140 Ultrasonography mapping combined with mammography before breast conserving surgery for primary breast cancer with microcalcifications: A novel approach
Dept. of Radiology, St. Luke's International Hospital Gensuke Akaike

April 13 (Sun.)

Marine Lobby 1

9:10～9:46 CyPos25. DR: Chest 1 Takeshi Kubo

C141 Peripheral to central airway ratio measurements show improved correlation to severity of airflow limitation Dept. of Radiology, Asahikawa Medical University Tomoaki Sasaki

C142 Quantification of movement of lung parenchyma using dynamic respiratory CT
Diagnostic Imaging Center, Ohara General Hospital Hiroshi Moriya

C143 Proposal for table description of pulmonary subsegmental anatomical structures: Bronchus, pulmonary artery, and pulmonary vein PET Center, Nishinokyou Hospital Hideaki Otsuji

C144 Organized thrombus in pulmonary arteries in patients with CTEPH using ECG-gated contrast CT
Dept. of Radiology, National Cerebral and Cardiovascular Center Yoshihiro Sanda

C145 Lung perfused blood volume images of cases in which 99mTc-MAA lung perfusion scintigraphy is not effective Dept. of Radiology and Radiation Oncology, Hirosaki University Graduate School of Medicine Shuichi Ono

C146 Analysis of pulmonary vascular shadows on serial chest radiographs obtained using a flat-panel detector Dept. of Radiology, Kusatsu General Hospital Yoshihisa Nakano

Marine Lobby 1

10:00～10:36 CyPos26. DR: Chest 2 Yuko Nishimoto

C147 Use of FDG-PET/CT in follow up of GGOs
Dept. of Radiology, Niigata Cancer Center Hospital Satoru Takeuchi

C148 Efficacy of low dose multi-detector CT screening of lung cancer for ten years
Department of Diagnositic and Interventional Radiology, Ishikawa Prefectural Central Hospital Takeshi Kobayashi

C149 Improved image quality of low-dose chest CT: Clinical application of full iterative reconstruction for low-radiation CT of the lung Dept. of Radiology, Kumamoto University Hideaki Yuki

C150 Computer-aided detection (CAD) performance in dose-reduced chest CT: The effects of pure and hybrid iterative reconstruction techniques
Dept. of Radiology, The University of Tokyo Masaki Katsura

C151 Lung nodule volumetry on low- and ultra-low-dose CT with adaptive iterative dose reduction (AIDR 3D): A phantom study
Advanced Biomedical Imaging Research Center, Kobe University Graduate School of Medicine Sumiaki Matsumoto

C152 A comparative study of thin-section computed tomography findings between seasonal influenza virus pneumonia and streptococcus pneumoniae pneumonia
Department of Radiology, Oita Prefectural Hospital Asami Ono

Marine Lobby 1

11:00～11:36 CyPos27. DR: Neuroradiology 2 Takeyuki Watadani

C153 Catechol-O-methyl transferase Val108/158Met genotype influences the striatal volume in healthy subjects: A voxel-based morphometry study at 3T MRI
Dept. of Radiology, University of occupational and environmental health Keita Watanabe

C154 Mapping cerebral vascular temporal dynamics with BOLD fMRI: Exogenous-contrast-free & labelling-free perfusion imaging Dept. of Radiology, University of Tokyo Shiori Amemiya

C155 Intraluminal structures of cavernous sinus: Evaluation by using contrast-enhanced gradient echo sequence at 3.0T MRI Dept. of Radiology, Oita University Faculty of Medicine Shuichi Tanoue

C156 Intracranial arterial wall enhancement using gadolinium-enhanced iMSDE-VISTA sequence
Dept. of Radiology, Fukuoka University Faculty of Medicine Koichi Takano

C157 Increase of Intra-motor-network connectivity in Parkinson's disease patients - An fMRI study with graph theory approach -
Centre de recherche, Institut Universitaire de Geriatrie de Montreal Atsuko Saito

C029 Stress-induced dopamine release in human medial prefrontal cortex: ^{18}F-Fallypride PET study in healthy volunteers
Dept. of Psychiatry, Neurology and Neurosurgery, McGill University Atsuko Saito

Marine Lobby 2

9:10～9:34 CyPos28. IR 4: Non-vascular Takuji Yamagami

C158 Initial experience of preoperative transcatheter arterial lipiodol marking for CT-guided cryoablation for small renal tumors Dept. of Radiology, Kyoto Prefectural University of Medicine Shunsuke Asai

C159 Assessment of quality of life in patients with osteoid osteoma treated by radiofrequency ablation and cryoablation
Dept. of Diagnostic and Interventional Radiology, Gunma University Hospital Masaya Miyazaki

C160 Ethanol ablation of bile ducts to resolve symptomatic postsurgical bile leakage from isolated bile ducts
Dept. of Diagnostic Radiology, Keio University School of Medicine Seishi Nakatsuka

C161 Evaluation of aspiration type semi-automatic biopsy needle
Dept of Radiology, Takii Hospital, Kansai Medical University Atsushi Komemushi

Marine Lobby 2

10:00～10:36 CyPos29. DR: Liver 1 Yukihisa Saida

C162 Imaging and pathological characteristics of hepatocellular carcinoma with β-catenin mutation
Department of Radiology, Kanazawa University Azusa Kitao

C163 Comparison of histopathological findings and diffusion-weighted magnetic resonance images of metastatic liver tumors from colorectal cancer treated with chemotherapy
Dept. of Radiology, Fukuiken Saiseikai Hospital Kenichirou Okumura

C164 Relationship between Child-Pugh score and liver parenchymal enhancement on hepatobiliary phase images of Gd-EOB-DTPA enhanced MR imaging
Dept. of Radiology, Kanazawa University Hospital Hiroshi Ikeno

C165 Hepatic fibrosis: Computational evaluation of CT images using the statistical shape model
Dept. of Radiology, Osaka University Graduate School of Medicine Masatoshi Hori

C166 Morphometric changes in liver cirrhosis: Etiological differences correlated with progression
Dept. of Radiology, Kanazawa University School of Medcine Kumi Ozaki

C167 Dose-reduced CT with model-based iterative reconstruction in the evaluation of hepatic steatosis
Dept. of Radiology, Graduate School of Medicine, The University of Tokyo Koichiro Yasaka

Marine Lobby 2

11:00～11:24 CyPos30. DR: Liver 2 Kensaku Shimizu

C168 OATP1B3 expression is strongly associated with Wnt/β-catenin signaling and represents the transporter of Gd-EOB-DTPA in hepatocellular carcinoma
Dept. of Diag. Radiology/Pathology, Keio University School of Medicine Akihisa Ueno

C169 The optimal energy level of monochromatic images for CT portal venography with gemstone spectral imaging
Dept. of Radiology, Tokyo Women's Medical University Medical Center East Etsuko Tate

C170 Unenhanced MR portography with balanced steady-state free-precession sequence and time-spatial labeling inversion pulses: Comparison of imaging with two different methods
Department of Diagnostic Imaging and Nuclear Medicine, Kyoto University Graduate School of Medicine Akihiro Furuta

C171 T-SLIP MR hepatic arteriography at 3T

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