Oral & Electronic Presentation

April 11 (Thu.)

10:40-11:30 (311+312)
Hepatobiliary and Pancreas (Liver CT)   Kazuhiro Saito
                                               Katsuyoshi Ito

★**ROP 1-1** Diagnosis of Liver Fibrosis Stage by Virtual Portal Venous Pressure Estimation Using Perfusion Computed Tomography and Computational Fluid Dynamics.
Akira Yamada / *Dept. of Radiology, Shinshu Univ.*

★**ROP 1-2** Liver Tumor Differentiation by Multiparametric Dual-energy CT: Diagnostic Performance in Non-contrast-enhanced CT
Takashi Ota / *Dept. of Radiology, Osaka Univ.*

ROP 1-3 Usefulness of Linerly-Decelerated Injection Method in Arterial-Phase CT of Liver in the Evaluation of Hypervascular Lesions Compared with the Standard Injection Method
Hiroaki Takayama / *Gunma Univ. Dept. of Diagnostic Radiology and Nuclear Medicine.*

ROP 1-4 Imaging-Based Disease Extent Related to Patients' Prognosis in Systematic Treatment of Advanced Hepatocellular Carcinoma
HIroyuki Morisaka / *Dept. of Radiology. Univ. of Yamanashi*

ROP 1-5 Extracellular Volume Fraction for the Prediction of the Wall-Invasion Pattern of Advanced Gallbladder Carcinoma
Yukihisa Takayama / *Dept. of Radiology, Fukuoka Univ.*

12:50-13:50 (311+312)
Hepatobiliary and Pancreas (Liver MRI)   Akihiro Nishie
                                                Azusa Kitao

ROP 2-1 Abnormal Lymphatic Congestion in Fontan Circulation: Demonstration Using Gd-EOB-DTPA Magnetic Resonance Lymphangiography
Akihiro Inoue / *Dept. of Diagnostic Imaging & Nuclear Medicine, Tokyo Womens Medical Univ*

ROP 2-2 Periportal Lymphatic Change in Chronic Liver Disease on 3D-T2 Weighted Imaging after Hepatobiliary Phase.
Yukichi Tanahashi / *Dept. of Radiology, Hamamatsu Univ. School of Medicine*

ROP 2-3 Quantitative Evaluation of Liver Function Using Gadoxetic Acid-Enhanced MR Imaging and Standardized Hepatocellular Uptake Index Across Diverse MR Systems
Eriko Yoshizawa / *Dept. of Radiology, Shinshu Univ.*

ROP 2-4 Deep Learning Accelerated Ultra-Fast Multi-Phase Acquisition Improves the Success Rate of Arterial Phase of Gadoxetic Acid-Enhanced MRI
Masaya Kutsuna / *Dept. of Radiology, Hamamatsu Univ. Sch. of Medicine*

ROP 2-5 Prediction of Treatment Efficacy by Heterogeneity of Hepatobiliary Phase on Gd-EOB-DTPA-Enhanced MRI in Unresectable-Hepatocellular Carcinoma Treated with Atezolizumab Plus Bevacizumab
Hideki Kunichika / *Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ*

ROP 2-6 Differentiation of Histopathological Growth Patterns of Colorectal Liver Metastases by MRI Features
Kumi Ozaki / *Dept. of Radiology, Hamamatsu Univ.*

14:00-14:40 (311+312)
Interventional Radiology Head and Neck   Hiro Kiyosue
                                             Shingo Kakeda

ROP 3-1 Four-Dimensional Computed Tomography Angiography for the Pre-Interventional Planning of Extracranial Arteriovenous Malformations
Taiga Oka / *Dept. of Radiology, Nagasaki Univ.*

★**ROP 3-2** Selective Transvenous Embolization for the Treatment of Cavernous Sinus Dural Arteriovenous Fistulas
Hiro Kiyosue / *Dept of Diag Imag, Kumamoto Univ*

★**ROP 3-3** Endovascular Treatment of Occlusion of the Basilar Artery, Experience in a Third Level Hospital.
Francisco Esteban Dianderas Gutierrez / *Dept. of Radiology, Virgen del Rocio Univ. Hosp.*

★**ROP 3-4** The Image Quality Evaluation of Cerebral Angiographic Image Using High kV Technique, a Retrospective Study and Phantom Study.
Panuwat Pattum / *Dept. of Radiology, Faculty of Medicine, Khon Kaen Univ.*

14:50-15:30 (311+312)
Interventional Radiology Others   Masaaki Akahane
                                          Hideki Yashiro

ROP 4-1 Influence of Percutaneous Cryoablation for Renal Tumors on Overall and Split Renal Function
Takuji Yamagami / *Dept. of Diagnostic and Interventional Radiology, Kochi Univ.*

ROP 4-2 Cryoablation for Renal Cell Carcinoma in Patients with Von-Hippel-Lindau Disease: A Retrospective Analysis of Tumor Control and Renal Function
Yasuhiro Ushijima / *Dept. of Clinical Radiology, Kyushu Univ.*

★**ROP 4-3** Clinical Evaluation of a Radio-Protective Glove for the Finger Exposure of the Interventional Radiologist: A Short-Term Study
Masakazu Hirakawa / *Dept of Radiology, Kyushu Univ. Beppu Hosp.*

★**ROP 4-4** Radiation Safety Assessment of Patient and Staff During Diagnosis and Treatment of Intracranial Aneurysm, a Phantom Study
Puengjai Punikhom / *Dept. of Radiology, Faculty of Medicine, Khon Kaen Univ.*

15:40-16:30 (311+312)
Chest 1 (CT)   Masaki Hara
                                          Nobuyuki Tanaka

★**ROP 5-1** Prognostic Assessment Using Extracellular Volume Fractions Derived from Equilibrium Contrast-Enhanced Computed Tomography in Thymomas
Koji Takumi / *Dept. of Radiology, Kagoshima Univ.*

★：English Presentation

ROP 5-2 Usefulness of Extracellular Volume Fractions Derived from Dual-Energy Computed Tomography for Predicting Histological Type and Grade of Non-Small Cell Lung Cancer
Hiroaki Nagano / *Dept. of Radiology, Kagoshima Univ.*

ROP 5-3 Dual-Energy Computed Tomography Texture Analysis in the Evaluation of Thymic Epithelial Tumors
Ryota Nakanosono / *Dept. of Radiology, Kagishima Univ.*

ROP 5-4 Eclipse Sign for the Differentiation of Primary Lung Cancer and Pulmonary Metastases on Contrast-Enhanced Dual-Energy CT
Yoshinao Sato / *Dept. of Diagnostic Imaging, Cancer Insititute Hosp.*

★**ROP 5-5** Preliminary Results of Out-of-pocket Lung Cancer Screening Using Low Dose Computed Tomography in Taiwan
Chun Yu Su / *Dept. of Medical Imaging and Intervention, Chang Gung Memorial Hosp., Linkou, Taiwan*

16:50-17:30 (311+312)
Cardiovascular 1 (CT)　　　　　Kunihiro Yoshioka
Teruhito Kido

★**ROP 6-1** Aortic Arch Deformation from Gravity
Takehiro Nakahara / *Dept. of Radiology, Keio Univ.*

ROP 6-2 Effect of Reconstruction Conditions on Myocardial Strain Analysis in Photon-Counting-Detector CT
Masaya Kisohara / *Dept. of Radiology, Nagoya City Univ.*

★**ROP 6-3** Incremental Prognostic Value of Dynamic Computed Tomography Perfusion Over Coronary Computed Tomography Angiography in Patients with Dialysis-Dependent End-Stage Renal Disease
Suguru Araki / *Dept. of Radiology, Mie Univ.*

ROP 6-4 Image Quality Analysis of Photon-Counting CT Compared with Energy-Integrating CT for Deep Venous Thrombosis
Kazushi Suzuki / *Dept. of Radiology, Nagoya City Univ.*

10:30-11:40 (313+314)
Uroradiology 1 (Prostate)　　　　Atsushi Nakamoto
Hiromi Edo

ROP 7-1 Preliminary Assessment of Clinical, Radiological, and Pathological Findings in Prostate Cancer among Younger Men (Aged Under 60 Years)
Arisa Kameda / *Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ.*

★**ROP 7-2** A Pilot Study of Quantitative Parameter Mapping of Prostate Magnetic Resonance Imaging for Assessment of Clinically Significant Prostate Cancer
Koichiro Kimura / *Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental Univ.*

ROP 7-3 Machine Learning for Prostate Cancer Risk Stratification: A Novel Approach Using Multiparametric MRI and Systematic Biopsy Data
Atsushi Higaki / *Dept. of Radiology, Kawasaki Med Sch.*

ROP 7-4 Temporal Evolution of Multiparametric Magnetic Resonance Imaging Findings Following Focal Microwave Tissue Coagulation for Localized Prostate Cancer
Bunta Tokuda / *Dept. of Radiology, Kyoto Prefectural Univ. of Medicine*

ROP 7-5 MR Imaging Findings of Granulomatous Prostatitis after Intravesical Bacillus Calmette-Guerin Treatment of Bladder Cancer : Comparison with Those in Prostate Cancer
Hisataka Ito / *Dept. of Diagnostic Radiology, Kurashiki Central Hosp.*

ROP 7-6 Comparison of Post-Treatment Magnetic Resonance Imaging Findings in Focal Cryotherapy and Focal Microwave Tissue Coagulation for Localized Prostate Cancer
Kaori Yamada / *Dept. of Diagnostic Radiology, JRC Kyoto Daiichi Hosp.*

★**ROP 7-7** Prostate Errors and Horrors: Pitfalls in MRI for Prostate Cancer Evaluation and How to Survive Them.
Francisco Esteban Dianderas Gutierrez / *Dept. of Radiology, Virgen del Rocio Univ. Hosp.*

12:50-13:40 (313+314)
Nuclear Medicine Gastrointestinal　　　Makoto Hosono
Ryogo Minamimoto

ROP 8-1 Evaluation of Preoperative Lymph Node Metastasis in Esophageal Squamous Cell Carcinoma by Dual-Energy Computed Tomography and Positron Emission Tomography
Xuyang Sun / *Dept. of Radiology. Tokai Univ.*

ROP 8-2 An Initial Prospective Clinical Study of Tumor Hypoxia Evaluated with 18F-Fluoromisonidazole PET/CT in Esophageal Cancer Patients Undergoing Neoadjuvant Chemotherapy
Hayato Kaida / *Dept.of Radiology, Kindai Univ*

ROP 8-3 Early Experiences of 177 Lu Based Peptide Receptor Radionuclide Therapy for Neuroendocrine Tumors.
Hiromi Sakaguchi / *Dept. of Radiation Oncology, Tottori Univ.*

ROP 8-4 Preliminary Evaluation of Efficacy and Adverse Events in ^{177}Lu-DOTATATE Therapy for Neuroendocrine Tumors
Shigeyasu Sugawara / *ACRC, Fukushima Medical Univ.*

ROP 8-5 Clinical Characteristics of Patients with Neuroendocrine Tumors Who Could not Complete Full-Dose ^{177}Lu-DOTATATE Therapy
Shozo Okamoto / *Advanced Clinical Research Center, Fukushima Med. Univ.*

13:50-14:20 (313+314)
Nuclear Medicine Urology & Pelvis　　Kazuhiro Kitajima
Akira Toriihara

ROP 9-1 Prediction of Pathologic Grading of Clear Cell Renal Cell Carcinoma Using Digital PET
Nobuhiko Hayashi / *Dept. of Radiology, Nippon Medical Sch.*

ROP 9-2 Data-Driven Respiratory Gating PET Improves Image Quality in the Pelvic Region
Daisuke Katayama / *Dept. of Nuclear Medicine, Osaka Univ*

ROP 9-3 Clinical Effectiveness of [F-18] PSMA 1007 PET/CT Compared to Conventional Imaging in Japanese Prostate Cancer Patients of Phase I/IIa Trial

Koichiro Kimura / *Dept. of Diagnostic Radiology and Nuclear Medicine, Tokyo Medical and Dental Univ.*

14:30-15:30 (313+314)
Nuclear Medicine Cardiovascular   Jun Hashimoto
Kenji Fukushima

ROP 10-1 Comparison of the Difference between Dual Phase Imaging with PYP and HMDP in ATTR Cardiac Amyloidosis

Takashi Norikane / *Dept. of Radiology, Kagawa Univ.*

ROP 10-2 Evaluation of Diastolic Dysfunction Using Myocardial Perfusion SPECT—Comparison with Echocardiography and MRI

Rika Kobayashi / *Dept. of Radiology, Nippon Medical School Hosp.*

ROP 10-3 Significance of Splenic Switch-Off in Adenosine Triphosphate ^{13}N-ammonia-PET Myocardial Perfusion Imaging

Kentaro Ohara / *Dept. of Radiology, Ehime Prefecture Central Hosp.*

ROP 10-4 Examination of Factors Associated with Reduced Global Myocardial Blood Flow in N-13 Ammonia PET

Naoto Kawaguchi / *Dept. of Radiology, Ehime Univ.*

ROP 10-5 ^{18}F-FDG and ^{18}-NaF Uptake Predict the Development of Abdominal Aortic Aneurysm.

Takehiro Nakahara / *Dept. of Radiology, Keio Univ.*

ROP 10-6 Utilizing FDG-PET/CT for the Assessment of Endoleaks Post-Endovascular Aneurysm Repair (EVAR)

Kanau Nittachi / *Tohoku Univ.*

15:40-16:10 (313+314)
Musculoskeletal (Quantitative 1)   Tamotsu Kamishima
Asako Yamamoto

ROP 11-1 Determining Cut-off Values for the Skeletal Muscle and Subcutaneous Adipose Tissue Indexes at the L1 Level for Cancer Prognosis Prediction

Nobuhiko Akamatsu / *Dept. of Radiology, Nerima Hikarigaoka Hosp.*

★**ROP 11-2** Total Diffusion Tumor Volume Measurement of Metastatic Bone Lesions from Prostate Cancer Using Whole-Body MRI

Katsuyuki Nakanishi / *Dept. of Diagnostic & IVR. OICI*

★**ROP 11-3** The Relative Sarcopenia Index (Z-Score) in Preoperative Gastrointestinal and Urological Cancer is a Useful Prognostic Predictor: A Large Cohort Study

Mariko Kurokawa / *Dept. of Radiology, Tokyo Univ.*

16:30-17:00 (313+314)
Obstetrics / Gynecology (Uterus)   Satomi Kitai
Izumi Imaoka

ROP 12-1 Time-Dependent Diffusion Magnetic Resonance Imaging May be Useful for Predicting 2023 FIGO Staging in Patients with Uterine Endometrial Cancer

Fumitaka Ejima / *Dept. of Radiology, Kagoshima Univ.*

ROP 12-2 Which MRI Sequence Contributes in the Assessment of Myometrial Invasion in Endometrial Cancer in a Real Clinical Setting?

Ayumi Seko-Nitta / *Dept. of Radiology, Shiga Univ. of Med. Sci.*

ROP 12-3 Diagnostic Utility of MRI Findings and Texture Analysis in Differentiating Uterine Endometrial Carcinoma from Uterine Carcinosarcoma

Saki Tsuchihashi / *Dept. of Radiology, Ogawa Red.*

April 12 (Fri.)

8:30-9:00 (311+312)
Pediatric 1(MRI)   Shunsuke Nosaka
Kumiko Nozawa

ROP 13-1 Usefulness of Apparent Diffusion Coefficient Values for Magnetic Resonance Imaging Abnormalities at Term Equivalent Age in Low Birth Weight Infants Weighing Less than 1500 g

Katsumi Hayakawa / *Dept. of Diagnostic Radiology, Red Cross Kyoto Daiichi Hosp*

ROP 13-2 Creation of a Segmentation Model for the Corpus Callosum and the Pons in Pediatric Head MRI Using Deep Learning

Motoo Nakagawa / *Dept. of Radiology Nagoya City Univ*

ROP 13-3 Prevalence of Tubular Intraosseous Tracking of the Acetabulum with Hip Arthritis in Children

Yasuyo Teramura / *Dept. of Radiology, National Center for Child Health and Development*

9:10-9:40 (311+312)
Interventional Radiology Vascular   Tetsuya Fukuda
Masato Yamaguchi

ROP 14-1 Computational Modeling of Blood Flow in Relation to Aldosterone Concentrations in Adrenal Vein Sampling Ver 2.0

Kodai Fukuda / *Dept. of Radiology, Wakayama Medical Univ.*

★**ROP 14-2** Relationship between Ischemic Grade Lower Extremity Arterial Disease and Perfusion-Related Coefficients and Perfusion Fraction in Intravoxel Incoherent Motion Imaging

Mitsunari Maruyama / *Dept. of Radiology, Shimane Univ*

ROP 14-3 Usefulness of 0.035-Inch Hydrogel-coated Coils for Embolization of Inferior Mesenteric Artery in Endovascular Aneurysm Repair to Prevent Type II Endoleak

Rika Yoshimatsu / *Dept. of Radiology, Kochi Health Sciences Center*

10:00-10:50 (311+312)
Interventional Radiology Non-Vascular

Noboru Tanigawa
Takuji Yamagami

ROP 15-1 Evaluation of CT-Guided Biopsy Using a Full-Core System

Makoto Hamano / *Dept. of Radiology, Iwate Med Univ.*

ROP 15-2 CT-Guided Lung Biopsy for Lesions Below the Pleura

Miyuki Nakatani / *Dept. of Radiology, Kansai Medical Univ.*

★：English Presentation

ROP 15-3 Robotic Versus Manual Needle Insertion for CT Fluoroscopy-Guided Intervention: An Open-Label, Randomized Non-Inferiority Trial

Takao Hiraki / *Dept. of Radiology, Okayama Univ.*

ROP 15-4 A Short Hookwire Dropout in Pulmonary VATS Marker Placement: Causes and Countermeasures

Junichi Matsumoto / *Dept. of Radiology, Kanazawa Univ.*

★**ROP 15-5** Ultrasound Guided Percutaneous Treatment of Hepatic Hydatid Cysts in Rural Setting: A Retrospective Study

Rohan Chaube / *Dept. of Radiodiagnosis, MMIMSR, MM Univ., Mullana, Ambala*

11:00-11:50 (311+312)
Interventional Radiology Embolization

Takanori Taniguchi
Hiroshi Kondo

ROP 16-1 Magnetic Resonance Imaging Predictors of Adverse Maternal Outcomes in Placenta Accreta Spectrum and Placenta Previa with Prophylactic Balloon Occlusion of the Internal Iliac Artery

Hiroyuki Tokue / *Dept. of Diagnostic Radiology, Gunma Univ.*

ROP 16-2 Endovascular Management for Postpartum Hemorrhage after Cesarean Section

Ryosuke Yonemasu / *Dept.of Radiology, Oita Univ*

ROP 16-3 Factors Associated with Recurrence after Uterine Artery Embolization for Uterine Fibroids

Yuki Tanaka / *Dept. of Radiology, Kansai Medical Univ.*

ROP 16-4 Risk Factors of Recurrent Hemoptysis after Bronchial Artery Embolization: Univariate and Multivariate Analyses

Takamasa Nishimura / *Dept. of Radiology, Nagasaki Univ.*

ROP 16-5 The Efficacy of Magnetic Resonance Digital Subtraction Angiography as a Preoperative Examination before Transcatheter Microembolization for Musculoskeletal Pain

Katsutoshi Horiuchi / *Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ.*

16:20-17:00 (311+312)
Pediatric 2(X-ray, CT, US)

Eiji Oguma
Mikiko Miyasaka

ROP 17-1 Verification of Image Quality of X-ray with Noise Reduction Technology: Foreign Body Detection in Phantom Studies

Shoko Arizono / *Dept. of Radiology, St. Marianna Univ.*

ROP 17-2 Assessing Image Quality in Portable Radiography with Noise Reduction for Neonatal Pneumothorax

Yuki Saito / *Dept. of Radiology, St. Marianna Univ.*

ROP 17-3 Diagnostic Performance of Thumb Printing Appearance on Head Computed Tomography for Evaluating Intracranial Hypertension in Neonates and Infants

Akira Yogi / *Dept. of Radiology, Univ. of The Ryukyus*

★**ROP 17-4** Correlation Fatty Liver, Visceral Fat Thickness and Subcutaneous Fat Thickness Based on Ultrasonography Abdominal in Pediatric with Overweight and Obesity

Rafikah Rauf / *Dept. of Radiology, Faculty of Medicine Hasanuddin Univ.*

17:10-18:10 (311+312)
Breast (Us / MMG)

Hiroko Kawashima
Ken Yamaguchi

★**ROP 18-1** Relationship between Breast Shape Changes Induced by Patients' Positions and Breast Density or Thickness Measured on Mammography

Maki Amano / *Dept. of Radiology, Nihon Univ. Hosp.*

★**ROP 18-2** Effect of Prophylactic Oophorectomy on Background Breast Composition (FGT, BPE, and MBD) Obtained from MRI and Mammography.

Ohashi Akane / *Dept. of Radiology, Kitano Hosp.*

ROP 18-3 Assessing the Impact of Deep Learning in Mammography Diagnostic Support for Japanese Women

Arisa Sato / *Dept. of Radiology, Nitobe Memorial Nakano General Hosp.*

ROP 18-4 Development of Deep Learning for Ultrasound Image Classification in Breast Cancer: Diagnosis of Axillary Lymph Node Metastasis

Tomoyuki Fujioka / *Dept of Diagnostic Radiology, TMDU*

★**ROP 18-5** Potential of AI Diagnostic Support System for Breast Mass Diagnosis in Ultrasound Images

Leona Katsuta / *Dept. of Diagnostic Radiologiy, TMDU*

★**ROP 18-6** What Women Want in the 21st Century Vs the Augmented Breast Reality: Radiological Features and Complications of the Latest Injectables

Llewellyn Sim / *Dept. of Diagnostic Radiology, Singapore General Hosp.*

8:20-9:10 (313+314)
Head and Neck

Keiko Toyoda
Hiroya Ojiri

ROP 19-1 Predicting Factors for Recurrence in Radiographic Findings of Human Papillomavirus-positive and Negative Oropharyngeal Squamous Cell Carcinoma.

Taketo Suto / *Dept. of Radiology, Gifu Univ.*

ROP 19-2 Magnetic Resonance Imaging Features of Histologic Subtypes of Thyroid Cancer: Differentiation between Anaplastic, Poorly-Differentiated, and Papillary Thyroid Carcinoma

Takahide Maeda / *Dept. of Radiology, Gifu Univ.*

★**ROP 19-3** Diagnostic Feasibility of Synthetic Magnetic Resonance Imaging for Salivary Gland Lesions

Koji Takumi / *Dept. of Radiology, Kagoshima Univ.*

★**ROP 19-4** Posterior Fossa Tumoral Lesions in Adults: A Survival Guide to Dont Die in the Try

Francisco Esteban Dianderas Gutierrez / *Radiology Dept., Hosp. Universitario Virgen del Rocio, Sevilla*

★**ROP 19-5** Metastatic Branchial Cleft Cyst in Recurrent Papillary Thyroid Carcinoma Patient

Iis Imelda / *Dept. of Radiology, Faculty of Medicine, Hasanuddin Univ.*

9:10-9:50 (313+314)
Radiation Oncology Urology & Pelvis 1 (Prostate)
Kenji Nemoto
Kazumasa Nakamura

ROP 20-1 Initial Experience with Moderate Hypofractionation of Prostate Cancer with Implantation of Hydrogel Spacers at Our Institution
Miu Mizuhata / *Dept. of Radiotherapy, Kouseiren Takaoka Hosp.*

ROP 20-2 Long-Term Results of Salvage High-Dose-Rate Brachytherapy for Local Recurrence of Prostate Cancer after Definitive Radiotherapy
Kenta Watanabe / *Dept. of Radiology, Kawasaki Medical Sch.*

ROP 20-3 Treatment Outcomes and Late Toxicities of Intensity-Modulated Radiotherapy for Patients with Localized Prostate Cancer
Kei Nagasaki / *Dept. of Radiation Oncology, NHO Shikoku Cancer Center*

ROP 20-4 Long-term Safety of IMRT for Prostate Cancer with History of Prior Invasive Interventions to Prostate or Bladder.
Koichi Kato / *Dept. of Radiation Oncology and Image-Applied Therapy, Kyoto Univ. Hosp.*

10:00-10:50 (313+314)
Nuclear Medicine Head and Neck / Chest
Koji Murakami
Yoko Satoh

ROP 21-1 Evaluation of High-Resolution Semiconductor PET/CT in Breast Cancer Extent Diagnosis: Comparison with MRI
Akina Miyamoto / *Dept. of Radiology, Shimane Univ. Hosp.*

ROP 21-2 Value of Dynamic FDG PET/CT to Differentiate Focal Pelvic Uptake in Patients with Gynecological Cancer.
Sachimi Yamada / *Dept. of Radiology, Kyoto Prefectural Univ. of Medicine*

ROP 21-3 ^{18}F-FDG-PET/CT SUV-Related Parameters for Predicting the Prognosis of Patients with Parotid Gland Carcinoma
Masatoyo Nakajo / *Dept. of Radiology, Kagoshima Univ.*

ROP 21-4 Correlation between PD-L1 Expression and FDG-PET/CT Visual Assessment in Non-Small Cell Lung Cancer Resected Specimens
Miki Nishimori / *Dept. of Radiology, Kochi Univ.*

ROP 21-5 Nasal Mucosa FDG Accumulation in Intravascular Large B-Cell Lymphoma: A Multicenter Study
Shiro Watanabe / *Dept. of Diagnostic Imaging, Hokkaido Univ.*

11:00-11:50 (313+314)
Chest 2 (Infection / Interstitial Pneumonia)
Kazuto Ashizawa
Takeshi Johkoh

ROP 22-1 Computed Tomography Diagnostic Findings between Fibrotic Hypersensitivity Pneumonitis and Idiopathic Pulmonary Fibrosis
Hiromitsu Sumikawa / *Dept. of Radiology, Kinki-Chuo Chest Medical Center*

ROP 22-2 Radiological Features of Pulmonary Cryptococcosis
Riku Morita / *Dept. of Radiology, Kagawa Univ. School of Medicine*

ROP 22-3 Incidental Thoracic Findings on Abdominal MR Imaging
Kaori Nakayama / *Dept. of Diagnostic Radiology, Yamanashi Prefectural Central Hosp.*

★**ROP 22-4** Association of Chest Radiograph Score Severity with Neurological Manifestations in COVID-19 Disease
Thurl C. Cledera / *Institute of Radiology, St. Luke's Medical Center Global City*

★**ROP 22-5** CT Diagnosis of Covid-19 Around the World
Delgermaa Demchig / *Intermed Hosp.*

16:10-17:10 (313+314)
Cardiovascular 2 (CT, X-ray)
Ryoichi Tanaka
Kenichi Yokoyama

ROP 23-1 Characteristics and Imaging Findings of Spontaneous Isolated Celiac Artery Dissection
Rika Yoshida / *Dept. of Radiology, Shimane Univ.*

★**ROP 23-2** Evaluation of Pulmonary Regurgitation Using Dynamic Chest Radiography in Adult Congenital Heart Disease
Yuzo Yamasaki / *Dept. of Clinical Radiology, Kyushu Univ.*

ROP 23-3 Fast Manual Left Atrial Long-Axis Strain Assessment Using Cardiac Computed Tomography: Reproducibility in Inexperienced Observers
Takaaki Hosokawa / *Dept. of Radiology, Ehime Univ.*

ROP 23-4 Evaluation of Relationship between Effective Atomic Number Within Endoleak Area and Sac Shrinkage after Endovascular Aortic Repair
Sou Ueshima / *Dept. of Radiology, Chiba Hokusoh Hosp, Nippon Medical Sch*

ROP 23-5 Imaging Features of Wild-Type Transthyretin Amyloid Cardiomyopathy in the Portal Venous Phase of Conventional Contrast-Enhanced CT
Shinpei Yamaguchi / *Dept. of Radiology, Kumamoto Univ.*

★**ROP 23-6** Analysis of Coronary Computed Tomography Angiography in Taiwan
Mei-Jen Li / *Dept. of Medical Imaging and Intervention, Chang Gung Memorial Hosp.*

17:20-18:00 (313+314)
Radiation Oncology Palliative Therapy / Metastasis
Shinji Sugahara
Masaharu Hata

ROP 24-1 Tapia Syndrome: A Rare Presentation of Mixed Cranial Nerve Palsies Responding to Palliative Radiation Therapy
Yojiro Ishikawa / *Dept. of Radiation Oncology, Southern Tohoku Proton Therapy Center*

ROP 24-2 Quality of Life Improvement after Radiotherapy for Bone Metastases: A Secondary Analysis of a Nation-Wide Multicenter Cohort Study
Nobuko Utsumi / *Dept. of Radiation Oncology, Saitama Medical Center, Saitama Medical Univ.*

ROP 24-3 Efficacy and Safety of Whole-Liver Radiotherapy for Multiple Liver Metastases
Masashi Taka / *Dept. of Radiotherapy, Toyama Prefectural Central Hosp.*

★：English Presentation

ROP 24-4　Impact of Treatment Interventions on Survival in Patients with Brain Metastases at Initial Presentation

Yojiro Ishikawa / *Division of Radiology, Tohoku Medical and Pharmaceutical Univ.*

April 13 (Sat.)

8:20-9:20 (311+312)
Neuroradiology 1 (Dementia / Tumor)　Kazunari Ishii
Masafumi Kanoto

ROP 25-1　Diffusion Time Dependence of the Apparent Diffusion Coefficient in Pituitary Adenoma: Comparisons with Normal Pituitary Glands

Kiyohisa KAMIMURA / *Dept. of Advanced Radiological Imaging, Kagoshima Univ.*

ROP 25-2　Serum Carotenoid Level is Associated with Enlarged Choroid Plexus and Perivascular Spaces on MRI: A Large Cohort Study.

Jusei Kudou / *Dept. of Radiology, Hirosaki Univ.*

ROP 25-3　Usefulness of Dual-Energy CT-Derived Effective Atomic Number for Differentiating High-grade Gliomas, Brain Metastases, and Central Nervous System Lymphomas

Tsubasa Nakano / *Dept. of Radiology, Kagoshima Univ.*

ROP 25-4　Effect of Deep Learning Reconstruction on Brain Computed Tomography Perfusion Images

Yoshiki Ishii / *Dept. of Radiology, Yamagata Univ.*

★ROP 25-5　Measurement of Hippocampal Subfield Volumes can Become a Useful Imaging Biomarker for Quantifying Neurodegenerative Changes in Mild Cognitive Impairment

Hiroto Takahashi / *Osaka Univ.*

★ROP 25-6　Fixel-Based Analysis of Patients with Alzheimer's Disease as Associated with Hypertension

Jiun-Jie Wang / *Dept. of Medical Imaging and Radiological Sciences, Chang Gung Univ.*

9:40-10:40 (311+312)
Neuroradiology 2 (AI / Photon Counting CT)
Hitoshi Terada
Toshinori Hirai

ROP 26-1　AI-VISIBLE: Utility in the Diagnosis of Brain Metastases

Kazufumi Kikuchi / *Dept. of Molecular Imaging & Diagnosis, Kyushu Univ.*

ROP 26-2　Visualization of the Middle Meningeal Artery on Photon-Counting Detector CT: Comparison with EID-CT

Kazuhisa Matsumoto / *Dept. of Radiology, Graduate Sch. of Medical Sciences, Nagoya City Univ.*

ROP 26-3　Photon-Counting Detector CT for Visualization of the Brachial Plexus Using Ultra-High-Resolution Mode

Masahiro Nakashima / *Dept. of Radiology, Nagoya City Univ.*

ROP 26-4　Brain Atrophic Changes in Multiple Sclerosis Assessed by AI-Based White Matter Lesion Analysis and Morphometry of MR Imaging Data

Kazuhiro Tsuchiya / *Dept. of Radiology, JR Tokyo Gen. Hosp.*

ROP 26-5　Development of an Automated Cerebral Aneurysm Detection AI on Bi-Plane Digital Subtraction Angiography

Taiga Kawaguchi / *Dept. of Radiology, Kurume Univ.*

ROP 26-6　Feasibility Study of Super Resolution Deep Learning Based Reconstruction Using K-Space Properties in 3D FLAIR Images for Glioma

Soichiro Ishiuchi / *Dept. of Radiology, Kumamoto Univ.*

11:20-11:40 (311+312)
Autopsy Imaging　Yoshito Tsushima
Yusuke Inoue

ROP 27-1　Postmortem Contrast-Enhanced CT with Direct Large-Vessel Puncture

Hideki Hyodoh / *Drpt. of Forensic Medicine, Fukui Univ.*

★ROP 27-2　Use of Postmortem Computed Tomography in Identification of the Bodies: Our Current Situation and Challenges

Maiko Yoshida / *Dept. of Legal Medicine, Chiba Univ.*

13:10-14:00 (311+312)
Cardiovascular 3 (MRI)　Atsushi Kono
Yasuo Amano

ROP 28-1　The Effect of Free-Breathing Cine Magnetic Resonance Cine MoCo on Feature Tracking Analysis

Kohei Tabo / *Dept. of Radiology, Ehime Univ.*

ROP 28-2　Preliminary Study of 4D Flow MR Imaging Estimation for Pulmonary Hypertension: An Analysis Based on the 2022 ESC/ERS Guideline

Toshihiro Sakamoto / *Dept. of Radiology, Univ. of Occupational and Environmental Health*

ROP 28-3　Image Analysis of the Characteristics of Thrombus in Abdominal Aortic Aneurysm after Stent Grafting

Teppei Nakagomi / *Dept. of Radiology, NMS*

ROP 28-4　Evaluation of Blood Flow Energy Loss before and after Endovascular Aneurysm Repair Using 4D Flow MRI

Shimpei Ikeda / *NMS Chiba Hokusoh Hosp.*

ROP 28-5　The Assessment of Dynamic Nuclear Polarized MRI for Radiation Therapy to Cardiac Arrhythmias

Masayuki Matsuo / *Dept. of Radiology, Gifu Univ.*

14:10-14:50 (311+312)
Interventional Radiology　Experimental
Ryohei Kuwatsuru
Terumitsu Hasebe

ROP 29-1　Investigation of Stability Improvement Factors and Creation Devices for Monoethanolamine Oleic Acid and Polidocanol Foams

Nobuyuki Higashino / *Dept. of Radiology, Wakayama Medical Univ.*

ROP 29-2　Investigation of the Optimal Preparation of the NBCA-Lipiodol-Lopamidol Mixture

Nobuyuki Higashino / *Dept. of Radiology, Wakayama Medical Univ.*

ROP 29-3 Development of New Optical Fiber to Reduce Bleeding after Core Needle Biopsy: Experimental Study in a Porcine Liver Model

Noriyuki Umakoshi / *Dept. of Radiology, Okayama Univ.*

ROP 29-4 Intravascular Ablation Device with BioMetal for Intrahepatic Portal Vein Ablation in Preliminary Study Using a Rabbit Model.

Fuyuki Nagano / *Dept. of Radiology, Shiga Univ. of Medical Sci.*

15:40-16:30 (311+312)
Interventional Radiology Liver   Tetsuo Sonomura
Yoshitaka Inaba

ROP 30-1 Enhancing the Predictive Value of Transarterial Chemoembolization: An Examination of Gd-EOB-DTPA Uptake as a Distinctive Prognostic Factor in Hepatocellular Carcinoma Outcomes

Kenichiro Okumura / *Dept. of Radiology, Kanazawa Univ.*

ROP 30-2 Treatment Efficacy of Balloon-Occluded Alternate Infusions of Cisplatin and Gelatin Particles in TACE for HCC Beyond the Up-to-Seven Criteria

Sodai Hoshiai / *Dept. of Radiology, Univ. of Tsukuba*

ROP 30-3 Validity of the 7-11 Criteria in Transarterial Chemoembolization for Intermediate Stage HCC

Takeshi Matsumoto / *Dept. of Radiology, Nara Univ.*

ROP 30-4 Effects of Short-Term Lenvatinib Prior to TACE for Hepatocellular Carcinoma: Changes of Tumor Hemodynamics and Outcome of a Pilot Study

Tetsuya Tachiiri / *Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ*

ROP 30-5 Urgent Transarterial Chemotherapy for Positive Palliation in Patients with Severe Liver Dysfunction Due to Colorectal Liver Metastases

Akihiko Seki / *Dept. of Medical Oncology, Suita Tokushukai Hosp.*

16:40-17:30 (311+312)
Nuclear Medicine Miscellaneous   Shingo Baba
Ukihide Tateishi

ROP 31-1 Relationship between Activated Sites of Brown Adipose Tissue in FDG-PET/CT and Age

Yasuchiyo Toyama / *Dept. of Radiology, Kyoto Prefectural Univ.*

ROP 31-2 Comparison of Manual and Power Injector-Based Tracer Administration on Whole Body Positron Emission Tomography Angiography

Takafumi Obata / *Dept of Radiology, Kagawa Univ.*

★**ROP 31-3** Evaluation of [18F]FAPI-74 PET Targeting Cancer-Associated Fibroblasts: Comparison with [18F]FDG-PET

Tadashi Watabe / *Dept of Nuclear Medicine, Osaka Univ.*

★**ROP 31-4** The Curious Case of the Missing Limb on FDG PET Imaging

Wan Jiun Tay / *Dept. of Nuclear Medicine & Molecular Imaging, Singapore General Hosp.*

★**ROP 31-5** Ga68-Exendin PET CT Scan in Hypoglycemia

Shrikant _V Solav / *SPECTLAB Nuclear Medicine Services*

17:40-18:10 (311+312)
Clinical Workflow / Education   Tatsuya Gomi
Takahito Nakajima

ROP 32-1 Effectiveness of Education on Radiation Exposure for Medical Students Prior to Clinical Clerkship

Satoshi Yamauchi / *Dept. of Radiology, Nara Medical Univ.*

★**ROP 32-2** Parental Leave and Shortened Working Hours Due to Child Rearing in Japanese Radiologists: Results of the 2023 JRS Survey

Tsuneo Yamashiro / *Dept. of Radiology, Yokohama City Univ.*

★**ROP 32-3** Lean Management to Improve Workflow in the Division of MRI

Hideki Ota / *Dept. of Diagnostic Radiology, Tohoku Univ. Hosp.*

8:20-9:10 (313+314)
New Technologies in CT   Shoko Abe
Eito Kozawa

ROP 33-1 Impact of Deep-Learning 3D Camera on Workflow and Patient Positioning: Preliminary Results

Akio Ito / *Dept. of Radiology, Gifu Univ. Hosp*

ROP 33-2 Initial Analysis of Data on the Volume of Contrast Media Discarded after the Use of a Centargo Contrast Injector

Tetsuya Minami / *Dept. of Radiology, Kanazawa Med Univ.*

ROP 33-3 Evaluation of Incidental Findings on Abdominopelvic Computed Tomography Using Photon-Counting Detector Computed Tomography Compared to Conventional Single-Energy Computed Tomography

Tamaki Ichikawa / *Dept. of Radiology, Tokai Univ.*

ROP 33-4 Photon-Counting Dinosaur CT: Initial Experience

Tasuku Wakabayashi / *Dept. of Radiology, Fukui Univ.*

ROP 33-5 Targeted Theranostic Nanomedicine, Using Targeted CT-Imageable Particles that Release the IMC-KRASG12D with the Krasg12D Neoantigen, Directed by Two-radiation Sessions.

Satoshi Harada / *Dept. of Radiology, Iwate Med. Univ.*

9:20-10:00 (313+314)
Uroradiology 2 (Kidney / Bladder)   Yoshitomo Matsuo
Nagaaki Marugami

ROP 34-1 Differential Diagnosis of Kidney Tumors Using Dual Echo Time Diffusion-Weighted Imaging (Dual TE-DWI)

Akira Yamamoto / *Dept. of Radiology, Kawasaki Med*

ROP 34-2 Comparison of Image Quality and Diagnostic Accuracy for Muscle Invasive Bladder Cancer between SS-EPI DWI and MS-EPI DWI

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

ROP 34-3 A Preliminary Study on the Significance of Peritumoral Enhancement in the MRI Diagnosis of Muscle-Invasive Bladder Cancer

Mitsuru Takeuchi / *Dept. of Radiology, Radiolonet Tokai*

ROP 34-4 Preliminary Investigation of the Usefulness of the Golden-Angle RAdial Sparse Parallel (GRASP) Method for Bladder MRI

Yoshiko Ueno / *Dept. of Radiology, Kobe Univ.*

★ : English Presentation

10:20-10:50 (313+314)
Obstetrics / Gynecology (Cervix / Placenta)

Yoshimitsu Ohgiya
Takahiro Tsuboyama

ROP 35-1 The Current State of Diagnostic Accuracy in Preoperative Imaging Evaluations of Gastric-Type Endocervical Adenocarcinoma: A Multi-Center Study

Yuki Himoto / *Dept. of Radiology, Kyoto Univ.*

ROP 35-2 Placental Lacuna on Diffusion-Weighted Imaging: Useful Magnetic Resonance Imaging Finding for Diagnosing Placenta Accreta Spectrum

Yuko Iraha / *Dept. of Radiology, Ryukyu Univ.*

ROP 35-3 Risk Stratification Based on Magntic Resonance Imaging Findings for Pregnancies with Subamniotic/ Subchorionic Hematoma

Kumi Harada / *Dept. of Radiology, Kyoto Univ.*

11:00-11:30 (313+314)
Emergency / Systemic Diseases　　Yasutaka Baba
Atsushi Jogo

ROP 36-1 Retrospective Study on the Significance of Computed Tomography Findings and Disease Severity in Adult Still's Disease

Keisuke Suzuki / *Dept. of Radiology, Yamagata Univ.*

ROP 36-2 Computed Tomography Findings of Japanese Spotted Fever: A Review of 17 Cases

Yoshiki Takahashi / *Ehime Prefectural Central Hosp.*

★**ROP 36-3** Enhancing Acute Cervical Spine Injury Management: The Role of MRI Scanner Integration in Emergency Department Efficiency

Xuan-Ching Wang / *Dept. of Medical Imaging and Intervention, Chang Gung Memorial Hosp., Linkou, Taiwan*

13:10-13:50 (313+314)
Chest 3 (Function / Pathology)　　Kiminori Fujimoto
Takeshi Kubo

★**ROP 37-1** Total Lung Volume Change for Early Inspiration on Dynamic-ventilation CT: Association with Degree of Breathlessness in Chronic Interstitial Pneumonia

Yukihiro Nagatani / *Dept. of Radiology, SUMS*

ROP 37-2 Differences in Lung Attenuation Gradients between Supine and Standing Positions in Healthy Volunteers on Conventional and Upright Computed Tomography

Fumiko Yagi / *Dept. of Radiology, Keio Univ*

ROP 37-3 Curvature Analysis of Hemidiaphragm Using Dynamic Chest Radiograph

Takuya Hino / *Dept. of Clinical Radiology, Kyushu Univ.*

ROP 37-4 Early and Total Expiratory Change of Central to Peripheral Airways Using Dynamic-Ventilation Computed Tomography: Influence of Airflow Limitation and Smoking

Ryo Uemura / *Dept. of Radiology, Shiga Univ. of Medical Science*

14:00-15:10 (313+314)
Hepatobiliary and Pancreas (Pancreas CT)

Masatoshi Hori
Yoshiki Asayama

★**ROP 38-1** Imaging and Clinicopathological Features of Intraductal Papillary Mucinous Neoplasms of the Pancreas Perforating Into Adjacent Organs

Kiyohito Yamamoto / *Dept. of Radiology, Osaka Medical and Pharmaceutical Univ*

ROP 38-2 Can Perfusion CT Help Diagnose Pancreatic Cancer with Main Pancreatic Duct Abnormalities but No Obvious Mass Detected on CT?

Yoshihiro Konno / *Dept. of Radiology, Yamagata Univ.*

ROP 38-3 Effects of Relative Evaluation of Perfusion CT Parameters to Pancreas and Spleen in Differentiating Pancreatic Cancer from Mass-Forming Pancreatitis

Yoshihiro Konno / *Dept. of Radiology, Yamagata Univ.*

ROP 38-4 Pancreatic Fibrosis Assessment Via CT Iodine Washout Rate and Its Relationship with Pancreatic Cancer: A Comparison with Extracellular Volume Fraction

Hideyuki Fukui / *Dept. of Radiology, Osaka Univ.*

★**ROP 38-5** Preoperative CT Assessment of Portal Venous System Invasion in Pancreatic Ductal Adenocarcinoma after Neoadjuvant Therapy

Shingo Omata / *Dept. of Radiology, Gifu Univ.*

★**ROP 38-6** Multi-Cohort Development and Validation Study of CT-Based Radiomics Deep Learning Signatures for Non-Functional Pancreatic Neuroendocrine Tumor Lymph Node Metastasis Prediction

WENCHAO GU / *Dept. of Radiology, Tsukuba Univ*

ROP 38-7 Assessment of Response to Chemotherapy in Pancreatic Cancer: Impact of Image Reconstruction Algorithm on Histogram Analysis of Iodine Concentration

Masashi Asano / *Dept. of Radiology, Gifu Univ.*

15:20-15:50 (313+314)
Basic Machine Learning & AI 1　　Shigeru Kiryu
Koichiro Yasaka

★**ROP 39-1** Radiomic Approach to Diagnose Acute Cholangitis by Plain CT: Preliminary Results

Issei Fukuda / *Dept. of Radiology, IUHW Narita Hosp.*

ROP 39-2 Deep Learning-Based Computer-Aided Diagnosis to Detect Mediastinum or Hilar Lymph Nodes on Computed Tomography Images

Taku Takaishi / *NCU Midori Hosp.*

ROP 39-3 Deep Learning-based Diffusion Tensor Image Generation from Diffusion Weighted Image

Hiroyuki Tatekawa / *Dept. of Radiology, Osaka Metropolitan Univ*

16:20-17:00 (313+314)
Radiation Oncology Hepatobiliary / Pancreas / Gastro-intestinal   Kumiko Karasawa
Keiko Shibuya

ROP 40-1 Interim Results: Feasibility Study of Peritoneal Catheter Placement and Radiotherapy with Saline Injection Via the Catheter for Abdominal or Pelvic Tumors

Tsuyoshi Onoe / *Radiation and Proton Therapy Center, Shizuoka Cancer Center*

ROP 40-2 Respiratory Phase Management by Real-Time Diaphragm Dome Registration in Stereotactic Radiotherapy for Liver Cancer

Atsuto Katano / *Dept. of Radiology, Tokyo Univ.*

ROP 40-3 Prediction for Gastrointestinal Toxicity in Patients with Pancreatic Cancer Treated with Concurrent Chemoradiotherapy

Fuki Koizumi / *Dept. of Radiation Oncology, Hokkaido Univ.*

ROP 40-4 Effect of a Radiation Sensitizer KORTUC on Rectal Fibrosis

Shiro Obata / *Dept. of Radiology and Radiotherapy, Nagasaki Prefecture Shimabara Hosp.*

17:10-17:40 (313+314)
Radiation Oncology Miscellaneous   Hiromitsu Iwata
Rei Umezawa

ROP 41-1 Effects of Intravenous Contrast Agents on Dose Calculations of VMAT Plans for Brain Tumors and Head and Neck Cancer

Shinichiro Toyoshima / *Dept. of Radiation Oncology, Toyama Prefectural Central Hos.*

★**ROP 41-2** Patients' Needs for Ultra-Hypofractionated Whole Breast Radiation Therapy for Early-Stage Breast Cancer: A Multi-Institutional Questionnaire Survey.

Haruka Uezono / *Dept. of Rad Onc, Hyogo CC*

ROP 41-3 Reduction of Reactive Oxygen Provides the Merit of FLASH Radiotherapy. Calculation and Interpretation Against Scepticism

Kazushi Kishi / *Dept of Radiotherapy, DMC*

April 14 (Sun.)

8:30-9:10 (311+312)
Radiation Oncology Urology & Pelvis 2   Masahiko Aoki
Takeshi Kodaira

ROP 42-1 Risk Factor of Rectal Bleeding for Localized Prostate Cancer after Radiation Therapy

Hidehiro Kumita / *Dept. of Radiology, Tokyo-med Univ Hachi*

ROP 42-2 Outcomes of Salvage Radiotherapy Using Volumetric Modulated Arc Therapy for Postoperative Prostate Cancer (Single-Institution Retrospective Study)

Keisuke Sakai / *Dept. of Radiation Oncology, KCH*

ROP 42-3 Possible Abscopal Effect Enhanced by Concomitant Radiotherapy During Nivolumab Treatment in Metastatic Renal Cell Carcinoma

Yukio Akagi / *Hiroshima Heiwa Cln., HPRC*

ROP 42-4 Reduction of Intra-Fractional Prostate Movement by Compression of the Pelvic Floor Muscles and the Placement of a Nelaton Catheter

Noriyoshi Takahashi / *Depat. of Radiation Oncology, Tohoku Univ.*

9:20-10:10 (311+312)
Radiation Oncology Respiratory   Keiichi Jingu
Ryo Toya

ROP 43-1 Personalized Volumetric-Modulated Arc Therapy for Unresectable Stage III Non-Small Cell Lung Cancer

Shigetoshi Shimamoto / *Dept. of Radiation Oncology, OGMC*

ROP 43-2 Thoracic Vertebral Fractures after Accelerated Hyperfractionated Radiotherapy for Limited-Stage Small Cell Lung Cancer

Hiroki Ihara / *Dept. of Radiology, Okayama Univ.*

ROP 43-3 Treatment Outcomes of Stereotactic Body Radiotherapy for T1-2N0 Lung Cancer

Yasushi Hamamoto / *Dept. of Radiation Oncology, Shikoku Cancer Center*

ROP 43-4 Efficacy of Lung SBRT During DIBH: Deep Inspiration Breath-Hold Real-Time Tumor-Tracking Radiation Therapy (DIRT)

Hidekazu Tanaka / *Dept. of Radiation Oncology, Yamaguchi Univ.*

ROP 43-5 Clinical Outcome of Palliative Radiotherapy for Non-Oligometastatic Non-Small Cell Lung Cancer

Hajime Torizuka / *Dept. of Radiology, Japanese Red Cross Otsu Hosp.*

10:30-11:40 (311+312)
Basic Machine Learning & AI 2   Tomoyuki Noguchi
Masahiro Yakami

ROP 44-1 Manual Versus AI-Assisted RECIST Evaluations: A Comparative Analysis of Measurement Variability and Time in Liver Tumors

Koji Fujimoto / *Dept. of Radiology, Kyoto Univ.*

ROP 44-2 A Method for Estimating the Number of Diseases in the JMID: Utilization of Predicates and Application to a CT Reports

Yu Ohara / *Kyoto Prefectural Univ. of Medicine*

ROP 44-3 Manual Versus AI-Assisted Tumor Size Change Evaluations: A Comparative Analysis of Measurement Variability in Liver Tumors

Koji Fujimoto / *Dept. of Radiology, Kyoto Univ.*

ROP 44-4 Comparison of Pulmonary Nodule Detection between Inspiratory and Expiratory Chest Radiographs Using Artificial Intelligence

Mika Matsushita / *Dept. of Radiology, Kansai Medical Univ.*

ROP 44-5 Performance Evaluation of ChatGPT, GPT4, and Bard on the Official Board Examination of the Japan Radiology Society

Yoshitaka Toyama / *Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP 44-6 Exploring the Potential of GPT-4-based ChatGPT in Interventional Radiology Reporting: A Structuring Approach

Fumi Sasaki / *Dept. of Diagnostic and Interventional Radiology, Osaka Metropolitan Univ.*

★：English Presentation

ROP 44-7 Accuracy of TNM Classification of Pancreatic Cancer from Radiology Reports Using Large-Scale Language Models

Hiroki Yamada / *Dept.of Radiology, Tokyo Woman's Medical Univ.*

13:10-13:50 (311+312)
Chest 4〔AI, Radiomics, CAD〕　　　Masaki Matsusako
Osamu Honda

ROP 45-1 Radiologists Vs. AI-based Software: Predicting Lymphnode Metastasis and Overall Survival in Lung Cancer on CT with Varied Image Display Settings

Masahiro Yanagawa / *Dept. of Radiology, Osaka Univ.*

ROP 45-2 Comparing Cellularity of Fibrotic Diffuse Lung Disease by CT-Radiomics: Comparison of 512matrix and 1024matrix CT.

Akira Haga / *Dept. of Radiology, Kanagawa Cardiovascular and Respiratory Center*

ROP 45-3 Performance of a Computer-aided Detection (CAD) Software in Detecting Lung Nodules on Ultra-High-Resolution CT (U-HRCT) Using Different Slice Thicknesses

Wataru Fukumoto / *Dept. of Diagnostic Radiology, Hiroshima Univ.*

ROP 45-4 Artificial-Intelligence-Based CT Histogram Analysis: Differentiation of Radiologic UIP and NSIP Patterns and Correlation with Prognosis in Patients with Interstitial Pneumonia

Tomonori Chikasue / *Dept. of Radiology, Kurume Univ.*

14:20-15:00 (311+312)
Radiation Oncology Urology & Pelvis 3　Kayoko Tsujino
Keiji Nihei

ROP 46-1 Retrospective Study of Radiation Nephropathy Focusing on Function and Structure

Jiro Kondo / *Dept of Radiology, Juntendo Univ. Urayasu Hosp.*

ROP 46-2 Results of Stage Change and Treatment Outcomes According to the FIGO2018 Staging System in Definitive Radiotherapy for Cervical Cancer

Rumiko Kinoshita / *Dept. of Radiation Oncology, Hokkaido Univ. Hosp.*

ROP 46-3 Definitive Radiotherapy for Cervical Cancer in a Facility without Brachytherapy Equipment

Mayako Zaha / *Radiation Therapy Center, Okinawa Chubu Hosp.*

ROP 46-4 Outcome of Treatment at Our Hospital in Cases of Cervical Cancer with Para-Aortic Lymph Node Metastasis

Takeshi Maemura / *Dept. of Radiology, The Univ. of Tokyo Hosp.*

8:30-9:10 (313+314)
Breast (MRI 1)　　　　　　　Hiroko Satake
Masako Kataoka

ROP 47-1 Utility of Ultrafast Dynamic Contrast-Enhanced MRI for Diagnosis of Breast Enhanced Lesions

Megumi Matsuda / *Dept. of Radiology, Ehime Univ.*

ROP 47-2 Comparison of Background Parenchymal Enhancement and Lesion Visibility in Ultrafast-MRI and Conventional Dynamic Contrast-Enhanced MRI

Rui Ebihara / *Dept. of Radiology, Ehime Univ.*

ROP 47-3 Background Parenchymal Enhancement in Ultrafast Dynamic Contrast-Enhanced MRI: Inter-Reader Agreement and Correlations with Prognostic Factors of Breast Cancer

Kanto Ichinohe / *Dept. of Radiology, Saga Univ.*

ROP 47-4 The Optimal Timepoint for Lesion Evaluation in Ultrafast Dynamic Contrast Magnetic Resonance Imaging: Correlation with Invasive Breast Cancer Subtype

Rena Sakaguchi / *Dept. of Radiology, Kobe City General Hosp.*

9:20-10:10 (313+314)
Breast (MRI 2)　　　　　　　Mariko Goto
Tomoyuki Fujioka

ROP 48-1 The Imaging Features of Cases Requiring Further Examination in Non-Contrast Breast MRI Screening.

Leopoldo Taiyo Harada / *Div. Breast Intervention Radiology*

ROP 48-2 DCE- and DWI-Based Parameters at Interim MRI as a Tool for the Early Prediction of Neoadjuvant Systemic Therapy

Masako Kataoka / *Diag. Imag. Nuc. Med., Kyoto Univ.*

★**ROP 48-3** Cardiac Function and Early Enhancement on DCE Breast MRI

Roka Matsubayashi / *Breast Care Ctr., Clin. Res. Inst., NHO Kyushu Med. Ctr.*

ROP 48-4 Evaluation of Detection for Breast Tumors Using MR Elastography with External Vibration from the Back —Additional Study

Emi Yamaga / *Dept. of Radiology, TMDU Hosp.*

★**ROP 48-5** Fore Sighting Breast Malignancy with Diffusion Weighted and Dynamic Contrast Enhanced MRI

Ayush Gupta / *Dept. of Radiology, SMS Medical College and Attached Hosp.s, Jaipur, India*

10:20-11:00 (313+314)
Hepatobiliary and Pancreas (Pancreas MRI)　Dai Inoue
Katsuhiro Sano

ROP 49-1 High-resolution Magnetic Resonance Imaging Sequences for the Pancreas Using Deep Learning Reconstruction

Yoshisuke Kadoya / *Dept. of Diagnostic Radiology, Toyama Prefectural Central Hosp.*

ROP 49-2 Differentiation of Autoimmune Pancreatitis from Pancreatic Ductal Adenocarcinoma Via Diffusion-Weighted MRI with Weighted Diffusion Subtraction.

Jun Woo / *Dept. of Radiology, Jikei Univ. Dept of Radiology, Juntendo Univ.*

ROP 49-3 Comparison of MR Imaging Findings in Intraductal Papillary Mucinous Neoplasm and Intraductal Papillary Mucinous Neoplasm with Concomitant Invasive Carcinoma

Akihiko Kanki / *Dept. of Radiology, Kawasaki Med.*

ROP 49-4 Diffusion-Weighted Imaging Using Echo Planar Imaging with Compressed SENSE (EPICS) for Pancreatic Protocol MRI: A Multicenter Study

Tetsuro Kaga / *Dept. of Radiology, Gifu Univ*

11:10-11:50 (313+314)
Musculoskeletal (Quantitative 2)　　　Tsutomu Inaoka
　　　　　　　　　　　　　　　　　　　　Shoichiro Takao

ROP 50-1 Investigating the Diagnostic Potential of Patients with ATTR Cardiac Amyloidosis Using Joint Calcification and Thickening

Shiro Ishii / *Dept. of Radiology, Fukushima Med Univ.*

ROP 50-2 Effect of Contrast-Medium Administration on Computed Tomography Body Composition Analysis of Skeletal Muscle, Subcutaneous Adipose Tissue, and Visceral Adipose Tissue

Nobuhiko Akamatsu / *Dept. of Radiology, Nerima Hikarigaoka Hosp.*

★**ROP 50-3** Radiology and Histopathology Finding in Ewing Sarcoma at Wahidin Sudirohusodo Hospital, Makassar, South Sulawesi, Indonesia

Widy Astuty / *Dept. of Radiology, Faculty of Medicine Hasanuddin Univ.*

★**ROP 50-4** Ultrasound in the Diagnosis of Carpal Tunnel Syndrome- Taking It One Step Forward!

Isha Gupta / *Dept. of Radiology, RUHS College of Medical Sciences, Jaipur, India*

13:10-13:50 (313+314)
Radiation Exposure and Image Quality
　　　　　　　　　　　　　　Ayako Taketomi-Takahashi
　　　　　　　　　　　　　　Mitsuo Nishizawa

ROP 51-1 Contrast-enhanced Abdominal CT with Super-Resolution Deep Learning Reconstruction Technique: Evaluation of Image Quality and Visibility of Anatomical Structures

Atsushi Nakamoto / *Dept. of Radiology, Osaka Univ.*

ROP 51-2 Effect of High-Tube Output X-ray Tube on CT Dose-Index Volume in Low kVp Contrast-Enhanced Chest-Abdomen-Pelvis CT

Nobuyuki Kawai / *Dept. of Radiology, Gifu Univ.*

ROP 51-3 Effects of Organ Dose Modulation on Radiation Dose in Thoraco-Abdominopelvic CT.

Saori Sekimoto / *Dept. of Diagnostic Radiology, Kitasato Univ.*

★**ROP 51-4** Determination of Exposure Parameters and Comparison of Skin Radiation Dose for Abdominal Radiography Using Grid Like Software, Phantom Study.

Woranan Kirisattayakul / *Dept. of Radiology, Faculty of Medicine, Khon Kaen Univ.*

14:00-15:00 (313+314)
Neuroradiology 3 (Vascular)　　　　　　Toshi Abe
　　　　　　　　　　　　　　　　　　　　Mika Kitajima

ROP 52-1 Usefulness of Contrast Enhancement- Vessel Wall Imaging in Differentiating Neuropsychiatric Systemic Lupus Erythematosus from Non-Neuropsychiatric

Satoru Ide / *Dept. of Radiology, Univ. of Occupational and Environmental Health*

ROP 52-2 A Comparative Study on the Depiction of Lenticulostriate Arteries: Deep Learning Reconstruction Vs.Compressed SENSE in Brain TOF-MRA

Hiroto Takamure / *Dept. of Radiology, Kumamoto Chuo Hp*

ROP 52-3 Diurnal Stability of Diffusion Tensor Image Analysis along the Perivascular Space (DTI-ALPS) Index in Healthy Individuals

Daisuke Horiuchi / *Dept. of Diagnostic and Interventional Radiology, Osaka Metropolitan Univ.*

ROP 52-4 Can MRI Distinguish between Intraplaque Hemorrhage and Lipid-Containing Areas? Comparison of Carotid Endarterectomy Specimens and Ex Vivo MRI

Ayano Ishiyama / *Dept. of Radiology, Nagasaki Univ.*

★**ROP 52-5** Pitfalls and Mimics of Leptomeningeal Disease and Enhancement in Routine MRI Brain Studies

John JX Quek / *Dept. of Radiology, Sengkang General Hosp.*

★**ROP 52-6** Retrospective Analysis of Incidental Cerebral Aneurysms by MRA at Intermed Hospital

Chantsalsuren Galbaatar / *Dept. of Radiology, Intermed Hosp. Mongolia*