Oral Presentation Programs

April 14 (Thu.)

13:00-14:00 (311+312)

Hepatobiliary/ Pancreas/ Digestive system 1 Liver

Kazuto Kozaka
Eiko Nishioka

ROP1-1 Usefulness of True-FISP Imaging for a Portosystemic Shunt Prior to Occlusion Procedure using IR Treatment
Kazuki Matsushita */ Dept. of Diagnostic and Interventional Radiology Graduate Sch. of Medicine, Osaka Metropolitan Univ.*

ROP1-2 Fat Fraction and R2* Values of Various Liver Tumors: Initial Experience with Six-Point Dixon Method on a 3T MRI System
Taichi Kitagawa */ Dept. of Radiology, Kanazawa Univ. Hosp.*

ROP1-3 Detecting Fatty Liver using MRI: Compared with LiverLAB
Fukiko Miyoshi */ Dept. of Diagnostic Radiology, Showa Univ. Koto Toyosu Hosp.*

ROP1-4 Evaluation of Functional Liver Reserve using T1 Map: Comparison with Conventional Functional Liver Reserve Test and ^{99m}Tc-GSA Scintigraphy
Kei Takase */ Dept. of Radiology, Tokyo Medical Univ.*

ROP1-5 Clinical Impact of Adding Super Delayed Phase on Gadoxetate Disodium-Enhanced MRI: Improvement of Liver Contrast and Nodule Detection
Tomohiro Kobayashi */ Dept. of Radiology, Kanazawa Univ.*

ROP1-6 Conspicuity and Detectability of Focal Liver Lesions in Hepatobiliary Phase Images using Compressed Sensing Reconstruction with Variable Compressed Sensing Factors
Wataru Toshimori */ Dept. of Radiology, Ehime Univ.*

14:20-15:20 (311+312)

Hepatobiliary/ Pancreas/ Digestive system 2 Pancreas/ Others

Yuko Nakamura
Masahiro Tanabe

ROP2-1 Usefulness of Breath Hold Diffusion-weighted Imaging of the Whole Liver with AIR™ Recon-DL and DWI Enhancement
Keisuke Sato */ Dept. of Radiology, Fukuoka Univ.*

ROP2-2 Machine Learning-Based Non-Contrast-Enhanced Dual-Energy CT Analysis can Evaluate Hepatic Steatosis and Stiffness Equivalent with MRI
Eriko Yoshizawa */ Dept. of Radiology, Shinshu Univ.*

ROP2-3 Efficacy of a Deep Learning-Based MRI Reconstruction Pipeline for Image Quality Improvement on the Reduced Field-of-View DWI of the Pancreas
Yukihisa Takayama */ Dept. of Radiology, Fukuoka Univ.*

ROP2-4 Usefulness of the Combination of 3D Hybrid Profile Order Technique and Deep Learning-Based Reconstruction for Magnetic Resonance Cholangiography
Kaori Shiraishi */ Dept. of Diagnostic Radiology, Kumamoto Univ.*

ROP2-5 Age-related Changes of Elasticity, Fat Degeneration, and Morphology of the Pancreas: Evaluation using Multiparametric MR Imaging
Hidemitsu Sotozono */ Dept. of Radiology, Kawasaki Medical Sch.*

★**ROP2-6** Explore the Advantages of Forward Projected Model-based Iterative Reconstruction Solution (FIRST) in Pancreatic CT Image Quality Evaluation
Qiaoling Wu */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

15:40-16:40 (311+312)

Hepatobiliary/ Pancreas/ Digestive system 3 Pancreas/ Stomach

Katsuhiro Sano
Shigeyoshi Soga

ROP3-1 A Retrospective Study of Intrapancreatic Late Enhancement Observed in the Early Stages of Pancreatic Cancer
Yoshihiro Konno */ Dept. of Radiology. Yamagata Univ.*

ROP3-2 Retrospective Study of the Presence of Focal Pancreatic Parenchymal Atrophy in Patients with Pancreatic Cancer
Kentaro Nishiuchi */ Dept. of Radiology, Awaji Medical Center*

ROP3-3 CT Extracellular Volume Fraction of Pancreatic Ductal Adenocarcinoma: Possible Role to Predict the Efficacy of Preoperative Neoadjuvant Chemotherapy
Nobuhiro Fujita */ Dept. of Clinical Radiology, Kyushu Univ.*

ROP3-4 Clinical Value of Extracellular Volume Fraction by Contrast-Enhanced Multidetector Computed Tomography for Differentiating Autoimmune Pancreatitis from Pancreatic Ductal Adenocarcinoma
Akihiko Kanki */ Dept. of Radiology, Kawasaki Med. Sch.*

ROP3-5 Clinical Significance of Spectral CT Parameters in Differentiating Small-Sized Gastric Submucosal Tumors
Daisuke Tsurumaru */ Dept. of Radiology, Kyushu Univ.*

★**ROP3-6** 2D or 3D Model Based on MRI Radiomics for Risk Classification of Gastrointestinal Stromal Tumors: Which One is Better?
Haijia Mao */ Dept. of Radiology, Shaoxing People's Hosp., China*

17:00-17:50 (311+312)

Hepatobiliary/ Pancreas/ Digestive system 4 Liver/ Technique

Utaroh Motosugi
Tomoko Hyodo

ROP4-1 Heterogeneous Development of Liver Fibrosis in Patients with Chronic Hepatitis C: Assessment using ECV Map Generated from Routine Clinical CT Data
Eiko Hisatomi */ Dept. of Radiology, Fukuoka Univ.*

ROP4-2 Risk Assessment of Hepatocellular Carcinoma with Hepatitis C Virus Reinfection after Sustained Virologic Response using Extracellular Volume Fraction
Kumi Ozaki */ Dept. of Radiology, Fukui Univ.*

★ : English Presentation

ROP4-3 Unenhanced Abdominal Low-Dose CT Reconstructed with Deep Learning-Based Image Reconstruction: Image Quality and Anatomical Structure Depiction
Tetsuro Kaga */ Dept. of Radiology, Gifu Univ.*

★ROP4-4 The Pilot Study of 320 Energy Spectral CT on the Image Quality of CT Portal Venography and Radiation Dose
Jing Jing Wu */ Dept. of Radiology. The First People's Hosp. of Honghe Autonomous Prefecture, China*

★ROP4-5 Clinical Value of CT Perfusion in Patients with Liver Cirrhosis
Yindeng Luo */ The Second Affiliated Hosp. of Chongqing Medical Univ., China*

13:00-14:00 (313+314)
Pediatrics Yoshinobu Akasaka, Eiji Oguma

ROP5-1 Evaluation of Pediatric Brain Development using Quantitative Susceptibility Mapping
Sayo Otani */ Dept. of Radiology. Kyoto Univ.*

ROP5-2 MRI Patterns and Prognosis in Hypoxic Ischemic Encephalopathy in Full-Term Infants with Mild to Moderate Asphyxia
Katsumi Hayakawa */ Dept. of Diagnostic Radiology, Red Cross Kyoto Daiichi Hosp.*

ROP5-3 Comparison between Conventional and New Scoring System of MRI for Term Neonate Suffering from Hypoxic Ischemic Encephalopathy
Masakazu Nishimoto */ Dept. of Radiology, Kyoto Pref. Univ. Med.*

ROP5-4 Prenatal 3D T1-Weighted Gradient-Echo MR Imaging for the Evaluation of Gastrointestinal Tract Abnormalities
Tomohiro Namimoto */ Dept. of Radiology, Kumamoto Kenhoku Hosp.*

ROP5-5 Questionnaire Survey of Physicians Examining Children with Acute Abdomen: Justification for Abdominal CT
Reiko Okamoto */ Dept. of Radiology, NCCHD*

ROP5-6 Questionnaire Survey of Radiologic Technologists: Optimization Indicators for Pediatric Abdominal CT
Osamu Miyazaki */ Dept. of Radiology, NCCHD*

14:20-15:10 (313+314)
Interventional Radiology 1 Non-vascular Tetsuya Minami, Misako Nishio

ROP6-1 MR-Guided Focused Ultrasound VIM Thalamotomy for Tremor: Clinical Results after Insurance Reimbursement at a Single Center
Toshio Yamaguchi */ Research I. of D. Radiology, Shin-yuri. GH*

ROP6-2 Feasibility of Dual-Energy Spectral CT Imaging for Detecting Local Recurrence of Renal Cell Carcinoma after Cryoablation
Mizuki Ozawa */ Dept. of Diagnostic Radiology, NCCH*

ROP6-3 Evaluation of the Success Rate of Percutaneous Needle Biopsy for Genomic Profiling: A Retrospective Study
Koji Tomita */ Dept. of Radiology, Okayama Univ.*

ROP6-4 Analysis of CT-Guided Biopsy of Retroperitoneal Lesions
Miyuki Nakatani */ Dept. of Radiology, Kansai Medical Univ.*

★ROP6-5 Improving CT-guided Transthoracic Biopsy Diagnostic Yield of Lung Masses using Intraprocedural CT and Prior PET/CT Fusion Imaging
Hongliang Sun */ Dept. of Radiology, China-Japan Friendship Hosp., China*

16:00-16:40 (313+314)
Nuclear Medicine 1 Neuroradiology Eku Shimosegawa, Yoshitaka Inui

ROP7-1 Comparison of rCBF Distribution between PSP and bvFTD
Hitomi Iwasa */ Dept. of Radiology, Fukuoka Univ.*

ROP7-2 A Novel Non-invasive Estimation Method for 123I-IMP Arterial Blood Radioactivity Concentration using Machine Learning
Tetsuro Kaga */ Dept. of Radiology, Gifu Univ.*

ROP7-3 The Development of a Complementary Index for Differentiating Parkinson Syndrome in the Analysis of DAT Scan Evaluation of Dopamine Transporter Volume
Kazuaki Fujita */ Dept. of Radiology, Fukuoka Univ.*

ROP7-4 Evaluation of IDH1 Mutation with 18F-FMISO-PET
Yang Wang */ Dept. of Radiology. Kyoto Univ.*

17:00-17:50 (313+314)
Nuclear Medicine 2 Cardiovascular Tomonari Kiriyama, Takashi Norikane

ROP8-1 Comparisons of Prognosis and FDG-PET/CT Finding between Isolated and Non-isolated Cardiac Sarcoidosis
Koichiro Kaneko */ Dept. of Diagnostic Imaging & Nuclear Medicine, TWMU*

ROP8-2 Evaluation of Effect of Physiological Myocardial Uptake in Digital PET/CT
Tomohisa Okada */ Dept. of Radiology, Ehime Univ.*

ROP8-3 Correlation between ^{99m}Tc-Pyrophosphate Cardiac Uptake using SPECT/CT and Clinical Parameters in Patients with Wild-Type Transthyretin Cardiomyopathy
Koji Ogasawara */ Dept. of Diagnostic Radiology, Kumamoto Univ.*

ROP8-4 Value of Myocardial ^{123}I-MIBG Uptake Assessed by Visual and Semiquantitative Analyses for Characterizing the Cardiac Function in Patients with Pheochromocytoma
Masatoyo Nakajo */ Dept. of Radiology, Kagoshima Univ.*

ROP8-5 Diagnostic Performance of Vessels on Whole-Body PET Angiography in Patients with Vascular Disease
Takashi Norikane */ Dept. of Radiology, Kagawa Univ.*

April 15 (Fri.)

8:20-9:20 (311+312)

Head and Neck Hiroya Ojiri, Takahiro Otani

ROP9-1 Contrast-Enhanced 3D STIR FLAIR Imaging to Evaluate Pituitary Adenomas at 3 Tesla: Comparison with Contrast-Enhanced 2D T1W Imaging
Iichiro Osawa */ Dept. of Radiology. Saitama Medical Univ. Hosp.*

ROP9-2 The Effect of Arterial Spin Labelling MR Angiography (ASL-MRA) in Visualizing the Branches of External Carotid Artery.
Akira Yogi */ Dept. of Radiology, Ryukyu Univ.*

ROP9-3 Correlation between Each Sequence of MRI and Pathological Depth of Invasion in Oral Cancer
Hiroki Tanaka */ Dept. of Radiology, Kyoto Univ.*

★**ROP9-4** MRI Texture Analysis in Differential Diagnosis of Orbital Neurofibroma and Schwannoma
Baoyue Zhang */ Dept. of Radiology, Affiliated Hosp. of Yunnan Univ., China*

★**ROP9-5** Quantitative Assessment of Anti-VEGF Therapy of Diabetic Macular Edema using T1, T2 and T2* Mapping MRI
Yehong Wang */ The Affiliated Hosp. of Yunnan Univ., China*

★**ROP9-6** Explore the Advantage of Deep Learning Reconstruction in Low-dose Temporal Bone CT
Tianjiao Wang */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

9:40-10:30 (311+312)

Cardiovascular 1 Cardiac Function Daisuke Utsunomiya, Noriko Oyama-Manabe

ROP10-1 Assessment of Left Atrial Function in Hypertrophic Cardiomyopathy using CT Strain Analysis
Takaaki Hosokawa */ Dept. of Radiology, Ehime Univ.*

ROP10-2 Comparison of Left Ventricular Cardiac Function Analysis between RTCS Cine MoCO and Breath-hold Conventional Cine Cardiovascular Magnetic Resonance.
Masahiro Takakado */ Dept. of Radiology, Ehime Univ.*

ROP10-3 Feature-Tracking Strain Derived from Compressed Sensing Cine Cardiovascular Magnetic Resonance Imaging for the Assessment of Heart Failure with Preserved Ejection Fraction
Yuki Tanabe */ Dept. of Radiology, Ehime Univ.*

★**ROP10-4** Coronary Microvascular Dysfunction in Nonobstructive Hypertrophic Cardiomyopathy Patients: New Insights from 3T CMR Resting First-pass Perfusion Imaging
Wei Gao */ The First Affiliated Hosp. of Kunming Medical Univ., China*

★**ROP10-5** Assessing Left Atrial Function in Patients with Atrial Fibrillation and Valvular Heart Disease using Cardiovascular Magnetic Resonance Imaging
Jie HOU */ Col. of Medical and Biological Informatics Engineering, Northeastern Univ., China*

10:40-11:30 (311+312)

Cardiovascular 2 Pulmonary and Peripheral Artery Keiko Koyama, Shigeo Okuda

ROP11-1 Cardiac CT-derived Myocardial Extracellular Volume Quantification in Pulmonary Hypertension: Comparison with Cardiac MRI
Hidetaka Hayashi */ Dept. of Diagnostic Radiology, Kumamoto Univ.*

ROP11-2 Value of Electron Density Derived from Dual-Energy CT for Predicting Thrombolytic Therapeutic Efficacy in Patients with Pulmonary Embolism
Hiroaki Nagano */ Dept. of Radiology. Kagoshima Univ.*

ROP11-3 The Comparative Study between Slow-Infusion MR Angiography and CT Angiography in the Detection of the Adamkiewicz Artery
Shohei Mizushima */ Dept. of Radiology, Nippon Medical Sch. Chiba Hokusoh Hosp.*

★**ROP11-4** Evaluation of the Reliability of AI Software in Calculating CACS from Non-gating Chest Low-dose Computed Tomography Images
Yuexi Liu */ Dept. of Radiology, The Second Affiliated Hosp. of Chongqing Medical Univ., Chongqing, China.*

★**ROP11-5** A Comparison of Non-rigid-subtraction-CT and Non-rigid-subtraction Combine with CEBOOST-CT in Image Quality of Circumflex Femoral Artery Perforator Flap
Dan Zhu */ Dept. of Radiology, Shanghai Ninth Peoples Hosp., Shanghai JiaoTong Univ. Sch. of Medicine, China*

16:15-17:05 (311+312)

Cardiovascular 3 Aorta and Others Yoko Saito, Yuzo Yamasaki

ROP12-1 Pegfilgrastim-Induced Aortitis: A Retrospective Survey using Drug Prescription Database and CT in a Single Center
Atsushi Takamatsu */ Dept. of Radiology, Kanazawa Univ.*

ROP12-2 The Analysis of Hemodynamic Alteration after Endovascular Abdominal Aneurysmal Repairusing 4D Flow MRI
Taro Yokoyama */ Dept. of Radiology, Nippon Medical Sch..*

★**ROP12-3** The Applied Research of Direct Breath Holding on 320-row Coronary CT Angiography in Reducing Radiation Dose
Tian Wang */ Dept. of Radiology, Liuzhou People's Hosp., China*

★**ROP12-4** The Application Value of Contrast Enhancement Boost Technology in Low Contrast Agent Aorta CT Angiography
Kai Xu */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

★**ROP12-5** Differentiation of Biochemical Indicators in 194 Patients with Aortic Dissection under Different Stanford Types
Sikang Gao */ Dept. of Radiology, Tongji Hosp. Tongji Medical Col. Huazhong Univ. of Science and Technology, China*

★ : English Presentation

17:15-18:15 (311+312)

Cardiovascular 4 Myocardial Perfusion

Kakuya Kitagawa
Teruhito Kido

ROP13-1 Impact of Four-Dimensional Similarity Filter on Diagnostic Performance for Detecting Obstructive CAD in Low-Dose Dynamic Myocardial Computed Tomography Perfusion Imaging
Yuta Yamamoto */ Dept. of Radiology, Ehime Univ.*

ROP13-2 The Comparison of the Diagnostic Performance between Dynamic CTP and Static CTP for Detecting Obstructive Coronary Artery Disease: A Pilot Study
Kazuki Yoshida */ Dept. of Radiology, Ehime Univ.*

ROP13-3 Dynamic Coronary CT Angiography-Estimated Coronary Flow Rate in Nonobstructive, Non-plaque Coronary Arteries: Association with the Vascular Endothelial Effect of Statin
Tomohiro Kawaji */ Dept. of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical Univ.*

★**ROP13-4** A Radiomics-derived Model of Pericoronary Adipose Tissue Distinguishes between Acute Myocardial Infarction and Unstable Angina by Computed Tomography Angiography
Nuo Si */ Dept. of Radiology, The Fourth Hosp. of Harbin Medical Univ., China*

★**ROP13-5** A Combined Nomogram Incorporating Clinical Factors and Radiomics Scores of Pericoronary Adipose Tissue to Predict Future Major Adverse Cardiovascular Events
Rongrong Zhang */ Jinzhou Medical Univ., China*

★**ROP13-6** Predictive Performance of Pericoronary Adipose Tissue Radiomics Model using Coronary CT Angiography for Major Adverse Cardiovascular Events in 3 Years
Hongrui You */ Jinzhou Medical Univ., China*

8:20-9:40 (313+314)

Obstetrics/ Gynecology

Junko Takahama
Satomi Kitai

ROP14-1 Uterine Extension on MRI: A Useful Parameter for Differentiating Subserosal Leiomyomas from Ovarian Tumors
Masaya Kawaguchi */ Dept. of Radiology, Gifu Univ.*

ROP14-2 Prediction of Histological Grade of Endometrial Cancer with Measurements of Maximum Slope of Ultrafast Dynamic Contrast-Enhanced MRI
Shuichi Fukui */ Dept. of Radiology, Saga Univ.*

ROP14-3 Amide Proton Transfer Imaging in Differentiation of Type II and Type I Endometrial Carcinoma: A Pilot Study
Ryoya Ochiai */ Dept. of Radiology, Tottori Univ.*

ROP14-4 Evaluation of Uterine Carcinosarcoma and Uterine Endometrioid Carcinoma using MR Imaging-Based Texture Analysis
Saki Tsuchihashi */ Dept. of Radiology, Saitama Med. Univ.*

ROP14-5 Prognostic Evaluation of Uterine Endometrial Cancer: Associations between Prognostic Factors and Oscillating Gradient Diffusion MRI Measurements
Fumitaka Ejima */ Dept. of Radiology, Kagoshima Univ.*

ROP14-6 Usefulness of MRI with the Vaginal Gel Method (VGM) in the Local Staging of Cervical Carcinoma
Minako Suzuki */ Dept. of Radiology, Fujisawa City Hosp.*

ROP14-7 MRI-Based Radiomics Analysis for the Differential Diagnosis of Ovarian Endometrioid Carcinoma and Clear Cell Carcinoma
Nobuyuki Takeyama */ Dept. of Radiology, Showa Univ. Fujigaoka Hosp.*

ROP14-8 CT Features of Surgically Proven Adnexal Torsion: Relationship between Swollen Tube and Affected Ovary
Ryo Takaji */ Dept. of Radiology, Oita Univ.*

9:50-10:30 (313+314)

Interventional Radiology 2 Vascular (Liver)

Toshihiro Tanaka
Mika Kamiya

ROP15-1 Assessments of the Relationship between Embolized Liver Volume Fraction Treated by Lipiodol-TACE and Changes of the Albumin-Bilirubin Score.
Naoya Ebisu */ Dept. of Diag. and Interv. of Radiology, Hyogo CC.*

ROP15-2 Palliative Effect of Transarterial Chemotherapy for Symptomatic Liver Metastasis
Akihiko Seki */ Dept. of Medical Oncology, Suita Tokushukai Hosp.*

ROP15-3 The Increasing Rate of Future Liver Remnant Function in Modified Associating Liver Partition and Portal Vein Ligation/Embolization for Staged Hepatectomy
Mitsunari Maruyama */ Dept. of Radiology, Shimane Univ.*

ROP15-4 Radiological Evaluation of Median Arcuate Ligament Syndrome: Efficacy of Open Surgical Treatment with Intraoperative Angiography
Akihiro Umeno */ Dept. of Diagnostic Radiology of Kita-harima Medical Center*

10:40-11:30 (313+314)

Interventional Radiology 3 Vascular (Others)

Takuji Yamagami
Miyuki Maruno

ROP16-1 Flow Confirmation Study of the Central Venous Port of Upper Arm Versus Chest Wall in Patients with Suspected System-Related Mechanical Complications
Hiroyuki Tokue */ Dept. of Radiology, Gunma Univ.*

ROP16-2 Changes in Thoracic Duct Pressure before and after Thoracic Duct Embolization in Swine
Takuji Maruyama */ Dept. of Radiology, Kansai Medical Univ.*

ROP16-3 Long-Term Evaluation of Transarterial Embolization using an n-Butyl-2-Cyanoacrylate/Lipiodol Mixture
Yasuyuki Ono */ Dept. of Radiology, Kansai Med. Univ.*

ROP16-4 Usefulness of Vertical Femoral Artery Puncture using the Antegrade Approach in Endovascular Therapy
Hayato Kishida */ Dept. of Interventional Neuroradiology and Radiology, Koseikai Takai Hosp.*

ROP16-5 The High Attenuation on Non-Contrast CT Around the Stent Graft with Endoleak Predicts Future Aortic Diameter Growth
Kenichiro Okumura */ Dept. of Radiology, Kanazawa Univ.*

16:15-16:55 (313+314)
Basic Science Hiromitsu Onishi, Yoshitake Yamada

★**ROP17-1** Improving Image Quality using AI-Based Compensation of Image Degradations on Neonatal X-Ray
So Ode */ Dept. of Radiology. St. Marianna Univ.*

ROP17-2 Double Low-Dose Dual-Energy Whole-Body CT with Deep Learning Image Reconstruction
Nobuyuki Kawai */ Dept. of Radiology, Gifu Univ.*

ROP17-3 Motion Artifact Reduction on Chest CT by High Pitch Dual Sauce Scan: Experimental Study by using Dynamic Lung Vessel Phantom
Makoto Wakamiya */ Dept. of Radiology, Nagahama City Hosp.*

ROP17-4 Impact of Deep Learning-based Reconstruction in Radiation and Contrast Dose Reduction using Low Tube-voltage Scan in Abdominal Dynamic CT
Koya Iwashita */ Dept. of Radiology, Kumamoto Univ.*

17:10-18:10 (313+314)
Musculoskeletal Tsutomu Inaoka, Kaoru Kitsukawa

★**ROP18-1** MRI Texture Analysis Based on Intra- and Extra-osseous Lesions to Predict the Prognosis in Osteosarcoma Patients
Hainan Ren */ Dept. of Radiology, Tohoku Univ.*

★**ROP18-2** Toward Development of Software Application that can Automatically Demonstrate the Distribution of Pannus in Rheumatoid Hand using Dynamic MRI Dataset
Wanxuan Fang */ Fac. of Health Sciences, Hokkaido Univ.*

★**ROP18-3** AI Approach to Improving the Quality of MR Images of Small Joints in Juvenile Idiopathic Arthritis (JIA)
Yutong Lu */ Gra. of Health Sciences, Hokkaido Univ.*

★**ROP18-4** Application of Reliability Index to POC Analysis for Detection of Finger JSN Progression in RA
Yujie An */ Sch. of Health Sciences, Hokkaido Univ.*

★**ROP18-5** The Diagnostic Performance of Ultra-low Dose 320-row Detector CT on Limb Joint Fractures in the Emergency Department
Mengqiang Xiao */ Dept. of Radiology, Zhuhai Hosp., Guangdong Hosp. of Traditional Chinese Medicine, China*

★**ROP18-6** Quantitative Assessment of the Relationship between the Bone Mineral Density of Lumbar Vertebrae and Visceral Adipose Tissue by 320-row CT
Bing Ge */ CT Clinical Research Dept., Canon Medical Systems, China*

April 16 (Sat.)

9:00-9:50 (311+312)
Breast 1 X-ray/ Ultrasound Ryusuke Murakami, Mariko Goto

ROP19-1 Ultrasound Diagnosis of Internal Mammary Lymph Node Metastases: Are They Overlooked?
Kazuaki Nakashima */ Div. of Breast Imaging and Breast IVR, Shizuoka Cancer Center Hosp.*

★**ROP19-2** Comparison of the State-of-the-art Biopsy Systems for Ultrasound-guided Breast Biopsy using a Chicken Breast Phantom
Leona Katsuta */ Dept. of Radiology, Kashiwa Munic. Hosp.*

ROP19-3 Comparison of the Clinical Characteristics of Ultrasound-Guided Biopsy for Breast Lesions between 16-Gauge Core Needle Biopsy and 12-Gauge Vacuum-Assisted Biopsy
Yuka Yashima */ Dept. of Radiology, TMDU*

ROP19-4 Comparison of New Synthesized Mammograms and Original Digital Mammograms Alone and in Combination with Tomosynthesis Images on Cancer Detection Accuracy
Takayoshi Uematsu */ Dept. of Breast Radiology, SCC.*

ROP19-5 Virtual Monochromatic Spectral Computed Tomography Imaging for Preoperative Evaluation of Breast Cancer
Yuko Matsuura */ Dept. of Radiology, Kyushu Univ.*

10:00-11:30 (311+312)
Breast 2 MRI Hiroko Kawashima, Hiroko Satake

ROP20-1 Evaluation of Breast Lesions Based on Modified BI-RADS using High-Resolution DWI and T2/T1WI
Rie Ota */ Dept. of Radiology, Kyoto Univ.*

ROP20-2 MRI and Mammography Features and Pathologic Findings of Breast Cancers in BRCA1/2 Mutation Carriers.
Teruhiko Shimizu */ Dept. of Diagnostic Radiology, NHO Shikoku Cancer Center*

ROP20-3 Characteristics of False-Negative Malignant Lesions on Ultrafast Dynamic Contrast-Enhanced (DCE) MRI using the Time to Enhancement (TTE) Evaluation
Ken Yamaguchi */ Dept. of Radiology, Saga Univ.*

ROP20-4 Quantitative Evaluation of Peritumoral Enhancement and Complexity of Tumor Contour on Breast MRI: Automated System and Analysis of Each Subtype
Roka Matsubayashi */ Breast Care Ctr., Dept. of Radiology, Clin. Res. Inst., NHO Kyushu Med. Ctr.*

ROP20-5 Prediction of Postoperative Upgrade to Invasive Cancer in Ductal Carcinoma in Situ using Radiomics Features Extracted from Breast MRI
Hiroko Satake */ Dept. of Radiology, Nagoya Univ.*

ROP20-6 Evaluation of Detection for Breast Tumors using MR Elastography with External Vibration to the Back
Emi Yamaga */ Dept. of Radiology, TMDU*

ROP20-7 Is It Possible to Distinguish Axillary Lymphadenopathy after COVID-19 Vaccination from Metastasis in Preoperative MRI of Breast Cancer?
Kiyoko Mukai */ Dept. of Radiology, St Lukes International Hosp.*

ROP20-8 Prognostic Value of Peritumoral Fat Content using IDEAL in Patients with Breast Carcinoma
Natsumi Hirano */ Dept. of Radiology, UOEH*

★**ROP20-9** Identifying Molecular Subtype Alteration of Breast Cancer after Neoadjuvant Therapy Based on MRI Radiomics Features
Zhuo Wu */ Dept. of Radiology, Sun Yat-Sen Memorial Hosp., Sun Yat-Sen Univ., China*

★ : English Presentation

13:15-14:25 (311+312)

Chest 1 Neoplasm Masahiro Endo, Osamu Honda

ROP21-1 Peri-Tumoral CT Radiomics as a Predictor of Postoperative Survival in Non-Small Cell Lung Cancer
Motohiko Yamazaki */ Dept. of Radiology, Niigata Univ.*

ROP21-2 Relationship between Preoperative Tumor Markers and CT Findings in Pulmonary Adenocarcinoma
Masasuke Kohzai */ Dept. of Radiology, Kansai Medical Univ.*

ROP21-3 Prediction of Solid and Micropapillary Components in Lung Invasive Adenocarcinoma: Radiomics Analysis from High-Spatial-Resolution CT Data with 1024 Matrix
Keisuke Ninomiya */ Dept. of Radiology, Osaka Univ.*

★**ROP21-4** Risk Prediction Modeling for Thymic Tumor: Validation of MR Sequence Combination using Imputation and Machine Learning Techniques
Hiroaki Shimizu */ Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP21-5 Extracellular Volume Fraction Derived from Equilibrium Contrast-Enhanced CT as a Diagnostic and Prognostic Marker in Thymic Epithelial Tumors
Koji Takumi */ Dept. of Radiology, Kagoshima Univ.*

ROP21-6 CT Imaging Characteristics of Thymoma: Comparison of Thymoma with and without Myasthenia Gravis
Hiroyuki Yasui */ Dept. of Radiol. and Nuclear Med., Gunma Univ.*

★**ROP21-7** Low-dose Scanning of Small Pulmonary Nodules with 320-row CT and Its Diagnostic Value in Early Lung Adenocarcinoma
Yanhong Yang */ Dept. of Radiology. HONGHE AUTONOMOUS PREFECTURE 3RD Hosp., YUNNAN GEJIU, China*

14:35-15:25 (311+312)

Chest 2 COVID-19/ Interstitial Pneumonia Tae Iwasawa, Shingo Iwano

ROP22-1 The Usefulness of Low-Dose Chest CT Screening for COVID-19 Pneumonia in Asymptomatic Patients before Operation
Reia Baba */ Dept. of Diag. Radiology, Osaka City General Hosp.*

ROP22-2 The Chest CT Features and Prognostic Value of a CT Severity Score in Patients with Severe COVID-19 Pneumonia
Yuko Sano */ Dept. of Diagnostic Radiology, Red Cross Kyoto Daiichi Hosp.*

ROP22-3 Prognosis Prediction using Deep Learning in COVID-19
Naoko Kawata */ Dept. of Respirology, Chiba Univ.*

★**ROP22-4** Can Deep Learning Improve Image Quality of Low Dose CT: A Retrospective Study in Overweight Interstitial Lung Disease
Ruijie Zhao */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

★**ROP22-5** Can Deep Learning Keep Balance between Image Quality and Radiation Dose in Interstitial Lung Disease in Prone Position CT Scanning?
Ruiyao Qin */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

15:35-16:35 (311+312)

Chest 3 Vessels Tsuneo Yamashiro, Masaki Hara

ROP23-1 Distribution of Lung Perfusion Signals Derived from Dynamic Chest Radiography: A Comparison between Standing and Supine Positions
Tomoyuki Hida */ Dept. of Radiology, Kyushu Univ.*

ROP23-2 The Evaluation of the Pulmonary Venous Variant using Thin-Section CT and 3D-CT
Makiko Murota */ Dept. of Radiology, Kagawa Univ.*

ROP23-3 The Expiratory Effect of Lung Iodine Mapping using Dual-Energy CT: Comparison with Inspiratory CT
Munemasa Okada */ Dept. of Radiol., NHO, Kanmon Med. Cent.*

★**ROP23-4** The Value of CTA in the Diagnosis of Pulmonary Artery Abnormal Origins
Yusen Feng */ Dept. of Radiology, Kunming Yan'an Hosp., China*

★**ROP23-5** Feasibility of Low-dose Protocol with Deep Learning-based Reconstruction in Computed Tomography Pulmonary Angiography
Du Xue Tian */ Dept. of Radiology, Peking Union Medical Col. Hosp., Chinese Academy of Medical Sciences, China*

★**ROP23-6** Diagnostic Accuracy of Lung Subtraction Iodine Mapping CT for Evaluation of Lung Perfusion in Patients with Pulmonary Embolism
Chengjun Zhang */ Dept. of Radiology, Chaoyang Central Hosp., China*

16:45-18:05 (311+312)

Chest 4 Low-dose CT Hidetake Yabuuchi, Yukihiro Nagatani

ROP24-1 Equivalent Vessel Conspicuity at Half Dose Scanning with Deep Learning-Based Image Reconstruction to Standard Dose Scanning on Dynamic Ventilation Computed Tomography
Ryo Uemura */ Dept. of Radiology, SUMS*

ROP24-2 Advantage of Ultrahigh-Resolution Scanning on Dynamic Ventilation Computed Tomography for Regional Observation: Preliminary Assessment using Self-Making Sponge Phantom
Ryo Uemura */ Dept. of Radiology, SUMS*

ROP24-3 Beneficial Effect of Data Acquisition at Lower Tube Voltage with Deep Learning-Based Iterative Reconstruction at Sub-Milli-Sv on Dynamic Ventilation Computed Tomography
Yukihiro Nagatani */ Dept. of Radiology. SUMS*

★**ROP24-4** Deep Learning Reconstruction Improves Image Quality of Submillisievrt CT
Jin Hua Wang */ Dept. of Radiology, Peking Union Medical Col. Hosp., China*

★**ROP24-5** Effect of Canon 320-row CT OEM Technology on Image Quality and Radiation Dose of Chest CT Scan
Wu Wang */ Dept. of Radiology, The First People's Hosp. of Yunnan Province, China*

★**ROP24-6** Strain Analysis in Patients with Obstructive Ventilation Dysfunction using Four-dimensional Dynamic-ventilation CT
Yanyan Xu */ Dept. of Radiology, China-Japan Friendship Hosp., China*

★**ROP24-7** A Prospective Study on Effect of 640-slice CT Combined with AIDR3D Algorithms on the Image Quality of Chest Low-dose CT
Huayang Du */ Peking Union Medical Col. Hosp., China*

★**ROP24-8** Effect of FIRST Reconstruction Algorithm on Image Objective Quality of Chest Low Dose CT
Huayang Du */ Peking Union Medical Col. Hosp., China*

8:00-8:50 (313+314)
Radiation Oncology 1 Prostate Yoshiyuki Shioyama, Shinji Kariya

ROP25-1 Risk Factor of Rectal Bleeding after Volumetric-modulated Arc Radiotherapy of Prostate Cancer.
Kenichiro Otsuka */ Dept. of Radiation Oncology, Tsurumi Hosp.*

ROP25-2 A Preliminary Report of a Prospective Study of MRI-Ultrasound Fusion-Guided Ultrafocal High-Dose-Rate Brachytherapy for Localized Prostate Cancer
Nobuhiko Kamitani */ Dept. of Radiology, Kawasaki Med. Sch.*

ROP25-3 Clinical Outcomes of Prostate Cancer Patients Who Received Adjuvant or Salvage Radiotherapy after Radical Prostatectomy
Toyokazu Hayakawa */ Dept. of Radiation Oncology. Saitama Med. Center, Saitama Med. Univ.*

ROP25-4 Phase II Clinical Trial of Hypofractionated Image-Guided Proton Therapy with 12 Fractions for Prostate Cancer
Hiromitsu Iwata */ Dept. of Radiation Oncology, NPTC, Nagoya City Univ. West Medical Center*

ROP25-5 Feasibility of IMRT Treatment Planning using Diagnostic CT
Yuma Yoshihara */ Kyoto Univ.*

9:00-10:00 (313+314)
Radiation Oncology 2 Uterus/ Others Shingo Kato, Chikako Yamauchi

ROP26-1 Treatment Outcome of Definitive Radiotherapy for Cervical Cancer
Rumiko Kinoshita */ Dept. Radiation Oncology, Hokkaido Univ., Hosp.*

ROP26-2 Local Control of Squamous Cell Carcinoma of the Cervix Treated with CT-based 3D-IGBT with Central-sielding External Beam Radiotherapy
Kotaro Yoshio */ Dept. of Proton Beam Therapy, Okayama Univ.*

ROP26-3 Dosimetric Evaluation of the Uterus in Patients Receiving Total Body Irradiation with Ovarian Shielding
Keiko Akahane */ Dept. of Radiology, Jichi Medical Univ. Saitama Medical Center*

ROP26-4 The Study of Pain Degree and Influence on the Proceeding of Hyperthermia
Masashi Taka */ Dept. of Radiotherapy, Kouseiren Takaoka Hosp.*

★**ROP26-5** Imaging and Treatment of Primary and Metastatic Tumors, Through Immunotherapy and Abscopal-Effects with Reduced Circulating-Tumor-Cells-Cluster-Formation and Tumor -Extravasation by Radiation-Targeted-Particles.
Satoshi Harada */ Dept. of Radiology, Iwate-Med. Univ.*

ROP26-6 Medical Welfare Cooperation for Group Exercise in Cancer Patients
Masako Hosono */ Dept. of Radiation Oncology, Osaka Metropolitan Univ.*

10:15-11:25 (313+314)
Diagnostic Radiology Miscellaneous Atsushi Tani, Ayako Taketomi-Takahashi

ROP27-1 Study of Patient Weight Estimation using CT Images
Atsuko Fujikawa */ Dept. of Radiology, Marianna Univ.*

ROP27-2 Revisiting Multimodality Imaging of Multiple Endocrine Neoplasia 1 (MEN1): Genetic Test Indication by Medical Insurance Since 2020 in Japan
Taiki Yamamoto */ Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP27-3 Predictive Value of Regression after Withdrawal of Methotrexate (MTX) in Patients with Methotrexate-Associated Lymphoproliferative Disorders (MTX-LPD): Retrospective CT Study
Takahiro Kitayama */ Dept. of Radiology, Okayama Univ.*

ROP27-4 Retrospective Analysis of False-negative Findings in Radiological Reports
Tomoyuki Noguchi */ Dept. of Radiology and Safe Unit, KMC*

ROP27-5 Effect of COVID-19 Pandemic on Radiographic Examination Usage in Tohoku University Hospital
Naoko Mori */ Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP27-6 Bayesian Multidimensional Nominal Response Model for the Observer Study of Radiologists
Mizuho Nishio */ Dept. of Radiology, Kobe Univ.*

ROP27-7 Multivariate Analysis of Probable Causes of Miss in CT and MRI Diagnosis
Nariyuki Oya */ Dept. of Diagnostic Radiology, GCC*

13:15-14:25 (313+314)
Nuclear Medicine 3 Breast imaging Yoshifumi Sugawara, Yoko Satoh

ROP28-1 Deep Learning for Breast Cancer Classification in Dedicated Breast Positron Emission Tomography
Tomoki Imokawa */ Dept. of Diagnostic Radiology, Tokyo Medical and Dental Univ.*

ROP28-2 Intratumor Heterogeneity Characterized by Texture Analysis using Baseline dbPET for Prediction of pCR of Breast Cancer after Neoadjuvant Chemotherapy
Yukiko Tokuda */ Dept. of Radiology. Osaka Univ.*

ROP28-3 Diagnostic Yield of Dedicated Breast PET in Opportunistic Cancer Screening Program
Shunsuke Yuge */ Dept. of Diagnostic Imaging, Kyoto Univ.*

ROP28-4 Clinical, Pathological, and Imaging Features Associated with Subcutaneous Uptake on Whole-Body [^{18}F]FDG-PET/CT in Patients with Breast Cancer
Yurika Kitano */ Dept. of Diagnostic Imaging, Kyoto Univ.*

ROP28-5 Deep Learning using Multiple Degrees of Maximum Intensity Projection for PET/CT Image Classification in Breast Cancer
Kanae Takahashi */ Dept. of Diagnostic Radiology, Tokyo Medical and Dental Univ.*

★ : English Presentation

ROP28-6 Deep Learning-Based Image Quality Improvement of 18F-Fluorodeoxyglucose Positron Emission Tomography for Breast Cancer
Mio Mori */ Dept. of Radiology, TMDU*

ROP28-7 Uptake in ER-Positive Breast Cancer Lesions on FES PET/CT: A Preliminary Study
Kanae Miyake */ Dept. of Ad Med. Imaging, Kyoto Univ.*

14:35-15:15 (313+314)
Radiation Oncology 3 Neuroradiology/ Head and Neck
Katsuya Maebayashi
Michio Yoshimura

ROP29-1 Clinical Investigation of the Usefulness of Hypofractionated Radiotherapy for Malignant Glioma
Kenta Ohmatsu */ Dept. of Radiation Oncology, Women's Univ.*

★**ROP29-2** Mechanism and Radiological Findings of Transient Expansion of Vestibular Schwannomas after Stereotactic Radiotherapy
Masahiro Yamazaki */ Dept. of Radiology. Kanazawa Univ.*

ROP29-3 Predictors of Weight Loss During Intensity-Modulated Radiotherapy in Patients with Head and Neck Squamous Cell Carcinoma
Kenji Makita */ Dept. of Radiation Oncology, NHO Shikoku Cancer Center*

ROP29-4 Spacer with Lead Shield Reduces Mandible Dose in High-Dose-Rate Brachytherapy for Tongue Cancer
Hiroya Shiomi */ Osaka Univ. RadOnc.*

15:25-16:15 (313+314)
Radiation Oncology 4 Gastrointestinal/ Musculoskeletal
Masaharu Hata
Keiko Shibuya

ROP30-1 Dosimetric Analysis of Intensity-Modulated Radiation Therapy (IMRT) Compared with Three-Dimensional Conformal Radiation Therapy (3D-CRT) for Esophageal Cancer
Masahiko Harada */ Dept. of Radiation Oncology, Japanese Red Cross Medical Center*

ROP30-2 A Case of Chemoradiotherapy for Pregnant Woman with Locally Advanced Cervical Esophageal Cancer
Yudai Tateishi */ Dept. of Radiation Oncology and Image-applied Therapy. Kyoto Univ.*

ROP30-3 Hemostatic Irradiation for Gastric Cancer: Relationship between Magnetic Resonance Diffusion-Weighted Images and Tumor Markers
Osamu Tanaka */ Dept. of Radiation Oncology, Asahi Univ., Hosp.*

ROP30-4 Trends in Radiation Fractionation for Bone Metastases
Junichi Yokouchi */ Dept. of Radiat Oncol, Aomori Pref. Hosp.*

★**ROP30-5** Low Dose Radiotherapy for Benign Painful Skeletal Disorders: The Typical Treatment for the Elderly Patient?
Oliver Micke */ Dept. of Radiotherapy and Radiation Oncology, Franziskus Hosp. Bielefeld, Germany*

16:25-17:15 (313+314)
Artificial Intelligence 1 Chest
Mitsuo Nishizawa
Mizuho Nishio

ROP31-1 Feasibility of Developing Virtual Chest Radiography with Venous and Arterial Lines for Artificial Intelligence Model Development
Akihiro Inoue */ Dept. of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical Univ.*

ROP31-2 Category Classification for Lung Computed Tomography Screening of COVID-19 and Its Reproducibility in Natural Language Processing Machine Learning
Kazufumi Suzuki */ Dept. of Radiology, Tokyo Women's Med. Univ.*

ROP31-3 Generation of Three-Dimensional CT Images of Lung Nodules using Deep Learning
Takaaki Matsunaga */ Dept. of Radiology, Kobe Univ. Hosp.*

ROP31-4 Development and Evaluation of the AI Algorithm for Pulmonary Nodule Tracking in Chest CT using U-net
Yuhei Takeshita */ Dept. of Radiology, Kyorin Univ.*

ROP31-5 Feasibility Assessment of Deep-learning-based Automatic Segmentation of Intercostal Muscles on Computed Tomography
Yoko Murakami */ Dept. of Radiology, Shiga Univ.*

17:25-18:15 (313+314)
Artificial Intelligence 2 Others
Koji Fujimoto
Rintaro Ito

★**ROP32-1** Super-Resolution Application of Generative Adversarial Network (GAN) for Brain MR Angiography
Krishna Pandu Wicaksono */ Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto Univ.*

ROP32-2 Diagnostic Accuracy of a Deep Learning Algorithm for the Detection of Intracranial Hemorrhage
Atsunobu Hino */ Dept. of Radiology, SUMS*

ROP32-3 Texture Analysis of Kidney MRI: Machine Learning-Based Evaluation of Renal Dysfunction
Yuki Hara */ Dept. of Radiology, Saitama Medical Univ.*

ROP32-4 MRI Findings of Granular Cell Tumor Observation on Deep Transfer Learning Model: Comparison between CNNs and Transformer-Based Model
Yoko Usami */ Dept. of Radiology, Saitama Medical Univ. International Hosp.*

ROP32-5 Query-by-Sketch-Based Medical Image Retrieval
Kazuma Kobayashi */ Div. Med. AI Res. Dev., Natl. Cancer Ctr. Res.*

April 17 (Sun.)

8:30-9:20 (311+312)
Neuroradiology 1 Neoplasm
Kyo Noguchi
Koichi Takano

ROP33-1 Predicting Pial Blood Supply for Intracranial Meningiomas on Conventional MRI
Fumiyo Higaki */ Dept. of Radiology. Okayama Univ.*

ROP33-2 Perfusion Imaging of Meningioma using Super-Selective pCASL: Comparison with Angiography
Takashi Katsube */ Dept. of Radiology. Shimane Univ.*

ROP33-3 New Parameters on CEST Imaging by Multi-Pool Model in Gliomas Compared to Conventional IVIM and 11C-MET Uptake on PET/CT
Yasukage Takami */ Dept. of Radiology, Kagawa Univ.*

ROP33-4 Comparison of Primary Central Nervous System Lymphoma and Glioblastoma: Quantitative Analysis using Double Diffusion Encoding MRI
Kiyohisa Kamimura */ Dept. of Radiology, Kagoshima Univ.*

ROP33-5 Discrimination of Double Hit Lymphoma Subtype in Primary Central Nervous System Lymphoma using Diffusion-Weighted and Perfusion MR Imaging
Goh Sasaki */ Dept. of Diagnostic Radiology, Kumamoto Univ.*

9:30-10:40 (311+312)
Neuroradiology 2 Degenerative/ Demyelinating Disorder
Noriko Sato
Chihiro Takahashi

★**ROP34-1** Quantifying Striatal Changes for Differentiating Early-Stage Parkinson Disease from Essential Tremor: The Utility of Structural MRI and DAT-SPECT
Hiroto Takahashi */ Dept. of Health Sciences, Osaka Univ.*

ROP34-2 Usefulness of 3D FIESTA in Differentiating Parkinson's Disease from Parkinson Syndrome: Volumetric Alternation of Olfactory Bulb
Satoru Ide */ Dept. of Radiology, Univ. of Occupational and Environmental Health*

ROP34-3 Correlations between MRI Myelin Volume Fraction and Dual-Energy CT Parameters: A Preliminary Study
Masanori Nakajo */ Dept. of Radiology, Kagoshima Univ.*

ROP34-4 Altered Default-mode Network in Diabetes: A Source-based Morphometric Study with Independent Component Analysis in an Elderly Japanese Population
Soichiro Tatsuo */ Dept. of Radiology, Hirosaki Univ.*

★**ROP34-5** The Interplay between Small Vessel Disease and Parkinson Disease Pathology: A Longitudinal Study
Haijia Mao */ Dept. of Radiology, Shaoxing People's Hosp., China*

★**ROP34-6** A Quantitative Imaging Study of 3D-ASL Perfusion in Diabetes-associated Cognitive Dysfunction of Type 2 Diabetes Mellitus without Hypertension
Juwei Shao */ The Affiliated Hosp. of Yunnan Univ., China*

★**ROP34-7** Abnormal Intrinsic Brain Functional Network Dynamics in Patients with Cervical Spondylotic Myelopathy
Guoshu Zhao */ Dept. of Radiology, The First Affiliated Hosp. of Nanchang Univ., China*

10:50-11:30 (311+312)
Neuroradiology 3 Miscellaneous
Akira Kunimatsu
Minako Azuma

ROP35-1 Semiautomatic CT Volumetry can Detect Rapidly Progressive Brain Atrophy in Septic ICU Patients
Tetsuro Sekine */ Dept. of Radiology, NMS Musashi-Kosugi Hosp.*

ROP35-2 Evaluation of the Extracranial "Multifocal Arcuate Sign," a Novel MRI Finding for the Diagnosis of Giant Cell Arteritis.
Toshitada Hiraka */ Dept. of Radiology, Div. of Diagnostic Radiology, Yamagata Univ.*

★**ROP35-3** The Correlation between Reorganization of Primary Somatosensory Cortex and Cervical Spinal Cord Microstructural Injury in Patients with Cervical Spondylotic Myelopathy
Guoshu Zhao */ Dept. of Radiology, The First Affiliated Hosp. of Nanchang Univ., China*

★**ROP35-4** A Nomogram for Individualized Prediction of the Probability of Hemorrhagic Transformation in Acute Ischemic Stroke Patients after Endovascular Treatment
Ling Li */ Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, China*

14:00-15:10 (311+312)
Neuroradiology 4 Vascular
Shingo Kakeda
Tomoyuki Noguchi

ROP36-1 Vessel Wall Imaging using DANTE-T1-SPACE for Moyamoya Disease
Hiroshi Tagawa */ Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto Univ.*

ROP36-2 Different Hemodynamic Pattern in Basal Ganglia between Moyamoya Disease and Asymptomatic Internal Carotid/M1 Stenosis using Intravoxel Incoherent Motion Imaging
Koji Yamashita */ Dept. of Radiology, Kyushu Med. Ctr.*

ROP36-3 Vessel-selective 4D-MR Angiography using 4D-S-PACK for Visualizing Intracranial Dural Arteriovenous Fistulas
Osamu Togao */ Dept. of Molecular Imaging & Diagnosis, Kyushu University*

★**ROP36-4** Preliminary Application of Quantitative Collateral Assessment Method in AIS Patients with EVTs
Ruoyao Cao */ Dept. of Radiology, Beijing Hosp., National Center of Gerontology; Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, China*

★**ROP36-5** Clinical Research on Precise Evaluation of Collateral Circulation in Patients with Unilateral Middle Cerebral Artery Occlusion Based on Multi-phase CTA
Zhibing Ruan */ Dept. of Radiology, The Affiliated Hosp. of Guizhou Medical Univ., China*

★**ROP36-6** Evaluation of Moyamoya Disease Based on a 320-row Multimodal CT Grading System
Yao Lu */ Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, National Health Commission, Institute of Geriatric Medicine, Chinese Academy of Medical Sciences, China*

★**ROP36-7** 4D CT Angiography and 3D Arterial Spin Labeling in Evaluation of Collateral Circulation in Patients with Vascular Occlusion
Fengxia Cui */ Dept. of Radiology, Chaoyang Central Hosp., China*

★ : English Presentation

8:00-9:00 (313+314)

Radiation Oncology 5 Chest

Kayoko Tsujino
Shinya Hayashi

ROP37-1 Safety and Efficacy of Transvenous Fiducial Marker Placement for Stereotactic Body Radiotherapy of Malignant Lung Tumors
Haruna Kawaguchi */ KMCC*

ROP37-2 Deformation of Lung Tumor During Respiration
Shinichiro Toyoshima */ Dept. of Radiation Oncology, Toyama Prefectural Central Hosp.*

ROP37-3 Progression-free Survival and Recurrence Patterns after CCRT with Consolidation Durvalumab for NSCLC
Noriko Kishi */ Dept. of Radiation Oncology, Kyoto Univ.*

ROP37-4 Combination of Clinical Factors and Radiomics can Predict Recurrence Patterns after Stereotactic Body Radiotherapy for Non-Small Cell Lung Cancer
Yuko Shirakawa */ Dept. of Radiation Oncology, Kyushu Cancer Center*

ROP37-5 Auto-Segmentation using Artificial Intelligence for Target Delineation in Stereotactic Body Radiotherapy for Lung Cancers
Masayuki Fujiwara */ Dept. of Radiology, Hyogo Col. of Medicine*

ROP37-6 Treatment Outcomes of Primary Lung Cancer Treated with Stereotactic Body Radiotherapy According to T Stages
Yasushi Hamamoto */ Dept. of Radiotherapy, Shikoku Cancer Center*

9:30-10:20 (313+314)

Nuclear Medicine 4 Techniques

Atsutaka Okizaki
Kentaro Takanami

ROP38-1 Clinical Impact of Digital PET/CT for the Initial Staging of Cancer Compared with Conventional PET/CT
Naoto Kawaguchi */ Dept. of Radiology, Ehime Univ.*

ROP38-2 Clinical Significance of Incidental FDG Uptake in the Suspicion of Cancer Compared with Digital and Conventional PET
Marika Matsuoka */ Dept. of Radiology, Ehime Univ.*

ROP38-3 Automated Segmentation of FDG-PET/CT Enables Statistical Analysis of FDG-Avid Lesions: An Investigation of 2386 Images
Rina Kimura */ Dept. of Diag. Radiol., Hokkaido Univ.*

ROP38-4 Impact of Deep Learning Reconstruction on Image Quality in Novel Digital PET/CT in the Assessment of Pulmonary Cancers
Jumpei Suyama */ Dept. of Radiology, Kyorin Univ.*

ROP38-5 Utility of Deep Learning Reconstruction (DLR) for Improved Image Quality in 18F-FDG-PET/CT
Masaki Takahashi */ Dept. of Radiology, Kyorin Univ.*

10:30-11:30 (313+314)

Nuclear Medicine 5 Radionuclide therapy/ Others

Katsuhiko Kato
Yuka Yamamoto

ROP39-1 Evaluation of Xerostomia and Dysgeusia Following Radioiodine Therapy for Differentiated Thyroid Cancer
Yutaka Kitagawa */ Dept. of Radiation Oncology, Tottori Univ. Hosp.*

ROP39-2 FDG-PET as a Prognostic Biomarker for Unresectable PPGL Treated with I-131 MIBG Radiotherapy
Junki Takenaka */ Dept. of Diagnostic Imaging, Graduate Sch. of Medicine, Hokkaido Univ.*

ROP39-3 The Reproducibility of MTV and TLG of Soft Tissue Tumors Calculated by FDG-PET
Hitomi Iwasa */ Dept. of Radiology, Fukuoka Univ.*

ROP39-4 Influence of Chronic Hyperglycemia for the Diagnostic Performance of FDG-PET/CT in Malignant Tumors
Shinya Sakai */ Dept. of Diagnostic Radiology, NHO Shikoku Cancer Center*

ROP39-5 Relationship between Adverse Reaction Following COVID-19 Vaccination and Axillary Lymph Node Accumulation on FDG-PET
Yoshitaka Toyama */ Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP39-6 Frequency of FDG-Avid Supraclavicular Lymph Nodes and the Number of FDG-Avid Lymph Nodes on PET/CT after Vaccination: COVID-19 Vs. Influenza
Yoichi Otomi */ Dept. of Radiology, Tokushima Univ.*

14:00-14:50 (313+314)

Uroradiology1 Prostate/ Adrenal glands

Takeshi Yoshizako
Kaori Yamada

ROP40-1 Magnetic Resonance Imaging Findings after Targeted Focal Cryotherapy for Targeted Biopsy-Proven Localized Prostate Cancer: Initial Experience with 14 Procedures
Bunta Tokuda */ Dept. of Radiology, North Medical Center KPUM*

ROP40-2 Longitudinal Evaluation of Apparent Diffusion Coefficient Values as a Predictor of Prostate Cancer Research International Active Surveillance Reclassification
Naoko Mori */ Dept. of Diagnostic Radiology, Tohoku Univ.*

ROP40-3 Comparison of Single-shot EPI DWI, Single-shot EPI DWI using Compressed SENSE Framework, and Multi-shot EPI DWI, in Prostate.
Ayumu Kido */ Dept. of Radiology, KMS.*

★**ROP40-4** Benefits of Adrenal Venous Sampling with Preoperative Four-Dimensional CT Imaging
Xi He */ Dept. of Radiology, Nagasaki Univ.*

ROP40-5 Can Dynamic Hepatic CT be Used to Distinguish Lipid-Poor Adrenal Adenomas from Adrenal Metastases in Patients with Hepatocellular Carcinoma?
Yasunori Nagayama */ Dept. of Diagnostic Radiology, Kumamoto Univ.*

15:00-15:50 (313+314)

Uroradiology2 Kidney/ Bladder

Yukiko Honda
Nagaaki Marugami

ROP41-1 Utility of Ultra-high-resolution CT Scans Subjected to Deep Learning Reconstruction in Patients with Bladder Cancer

Shota Kondo */ Diagnostic Radiology, Hiroshima Univ.*

ROP41-2 Automatic Segmentation of Bladder Cancer on Diffusion Weighted Images using a Convolutional Neural Network.

Yusaku Moribata */ Preemptive Medicine and Lifestyle-Related Disease Research Center, Kyoto Univ. Hosp.*

ROP41-3 Preliminary Evaluation of Bladder Cancer with Histological Variants Based on VI-RADS

Arisa Kameda */ Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ.*

ROP41-4 Clinical Significance of the Vesical Imaging Reporting and Data System in Predicting the Therapeutic Effect of Bladder-Sparing Treatment in Muscle-Invasive Bladder Cancer

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

★**ROP41-5** Clinical Utility of the Updated Bosniak Classification: Value of Adding MRI to CT Examination.

Yuki Arita */ Dept. of Radiology, Keio Univ.*