

Award Session

The results of the final selection will be announced at the JRS Best Presentation Award Ceremony at the Main Hall on April 18th (Sat.) from 14:50.

April 17 (Fri.)

9:40-11:40(Conference Center Main Hall)

1. Young Investigator Awards, Medical Trainee Best Case Report Awards Session Shintaro Ichikawa Teruhito Kido

Evaluator: Hiromichi Ishiyama, Mayu Uka, Katsuhiko Kato, Hiromi Hisazumi Watanabe, Takeshi Nakaura, Rika Yoshida

- RYIA1** Diagnostic Value of STIR Hyperintensity of the Intraorbital Oculomotor Nerve for Oculomotor Nerve Palsy
Sera Kasai / Hiroasaki University School of Medicine
- RYIA2** Diagnostic Performance of Postmortem CT in Adult In-Hospital Deaths: A 12-Year, 486-Case Prospectively Collected Study.
Keisuke Nyunoya / The University of Tokyo
- RYIA3** Coronary Artery Calcium Scoring with Dual-Source Photon-Counting Detector CT: A Comparison of Ultra-Low-Dose, Virtual Non-Contrast, and Virtual Non-Iodine Techniques
Suguru Araki / Mie University Hospital
- RYIA4** Automatic Measurement of Left Atrial Area and Volume on Non-Contrast Chest CT: Application for Predicting Elevated Pulmonary Artery Wedge Pressure
Miyuki Tomiyama / The University of Osaka Graduate School of Medicine
- RYIA5** Individual Identification with Endocranial Inner Table Depressions on CT
Kei Okino / Osaka Medical and Pharmaceutical University
- RYIA6** Feasibility of Robot-Assisted Computed Tomography-Guided Percutaneous Interventions Compared to Conventional Technique.
Takafumi Sato / Nagoya City University Graduate School of Medical Sciences
- RYIA7** I-123 Ioflupane Uptake in an Intraorbital Melanoma: a Case Report
Akihiro Kikuta / Tohoku Univ.
- RYIA8** A Case of Anti-leucine-rich Glioma-inactivated 1 (LG1) Antibody-positive Encephalitis
Rinko Shinoda / Dept. of Medicine, Tokai Univ.
- RYIA9** A Case of Spontaneous Regression in Gastrointestinal Stromal Tumor, Complicated by Intratumoral Infection.
Mayuka Fujiki / Dept. of Medical Education, Kurashiki Central Hosp.
- RYIA10** Improvement of Horner Syndrome after Radiotherapy in Lung Cancer: Two Cases with Different Clinical Courses
Takuya Sasaki / Dept. of Radiology, Tohoku Medical and Pharmaceutical Univ.

13:10-15:10(Conference Center Main Hall)

2. Best Abstract Awards Session Yuji Nakamoto Go Shiota

Evaluator: Shingo Iwano, Masako Kataoka, Yoshiyuki Suzuki, Akio Tamura, Naoko Mori, Atsutaka Okizaki

- RBAA1** Prediction of Malignancy Risk in Breast MRI Using BI-RADS and a Large Language Model
Kyoko Yano / Tokyo Women's Medical University
- RBAA2** Phase-Dependent Diagnostic Performance of PiB PET/CT in Cardiac Amyloidosis
Takashi Norikane / Kagawa University
- RBAA3** Registration-Guided GAN for Synthesizing Virtual Contrast-Enhanced CT from Non-Contrast CT: Improving Hilar and Mediastinal Lymph Node Visibility in Thoracic Imaging
Motohiko Yamazaki / Niigata University Graduate School of Medical and Dental Sciences
- RBAA4** Utility of Intracellular Enhanced Technique for Reducing the Delay Time of Gadoteric Acid-enhanced Hepatobiliary-phase Magnetic Resonance Imaging
Shogo Maeda / Hiroshima University
- RBAA5** Impact of Palliative Radiotherapy on Quality-of-Life in Patients with Bone Vs. Non-Bone Lesions: Secondary Analysis of a Prospective Study
Yutaro Koide / Aichi Cancer Center
- RBAA6** Small-Bowel Angiodysplasia-Like Enhancement on Contrast-Enhanced CT: Not Specific to Aortic Stenosis but Associated with Lower Hemoglobin Levels
Tomoki Minami / Nagasaki University Hospital
- RBAA7** Redefining the "Cosmos Pattern" of Lobular Endocervical Glandular Hyperplasia on MRI: A Multicenter Study of Cervical Cystic Lesions
Takahiro Tsuboyama / Kobe University Graduate School of Medicine
- RBAA8** Model-based NTCP Comparison between Proton and Photon Therapy for Brain Tumors Complying with Planning Study Guideline
Hajime Higaki / Hokkaido University Faculty of Medicine and Graduate School of Medicine

★ : English Presentation

General Research Presentation (Electronic Poster + Oral Presentation)

April 16 (Thu.)

15:30-16:50(Conference Center 301)

Cerebral Vessel MRI
**Shuichi Tanoue
Kazuhiro Murayama**

ROP1-1 Prediction of Intracranial Aneurysm Persistence and Occlusion after Flow Diversion with Postoperative 4D Ultrashort TE MR Angiography
Hiroyuki Uetani / Kumamoto University

ROP1-2 The Utility of Synthetic MRI for Pre- and Postoperative Evaluation in Adult Patients with Moyamoya Disease
Kazufumi Kikuchi / Graduate School of Medical Sciences, Kyushu University

ROP1-3 Deep Learning-Accelerated Intracranial Vessel Wall MRI: Noninferior Image Quality with Shorter Scan Time
Satoru Ide / University of Occupational and Environmental Health

ROP1-4 Comparison of Susceptibility-weighted Angiography and Arterial Spin Labeling Images before and after Treatment for Transverse-sigmoid Sinus Dural Arteriovenous Fistula
Chika Somagawa / Nagasaki University Graduate School of Biomedical Sciences

ROP1-5 Prevalence of White Matter Lesions and Vascular Calcification in Relation to Lifestyle-Related Diseases
Naoya Hattori / Hamamatsu Medical Imaging Center, Hamamatsu Medical Photonics Foundation

ROP1-6 Comparison of Vessel Visualization Between 1.5T MRA with DLR and 3T MRA without DLR in Moyamoya Disease
Ayako Omori / Graduate School of Medicine, Osaka Metropolitan University

ROP1-7 Quantitative Assessment of the Champagne Bottle Neck Sign in Moyamoya Disease Using Cervical MR Angiography
Tomochika Sato / The Akita University School of Medicine

ROP1-8 The Evaluation of the Association between the Total SVD Score and Arteriosclerosis in Large Arteries on Trunk
Yasuhiro Sugai / Yamagata University Faculty of Medicine

15:30-16:50(Conference Center 302)

Chest Angio-lymphatic Vessel
**Takeshi Kobayashi
Akiko Sumi**

ROP2-1 Feasibility of Pulmonary Vascular Segmentation on Non-contrast CT: Comparative Analysis with Contrast-enhanced CT.
Hirokazu Hirao / Kanagawa Cardiovascular and Respiratory Center

ROP2-2 Evaluation of Pulmonary Arteriovenous Malformations after Coil Embolization Using Ultra-Short Echo Time MRI with Deep Learning Image Enhancement
Akinori Hata / Osaka University Graduate School of Medicine

★ ROP2-3 Evaluation of Long-term Artificial Vessels Patency and Collateral Vessels Distribution after SVC Reconstruction Combined with Thymoma Resection using TWIST-MRA
Junzhen Liu / Zhongshan Hospital affiliated to Fudan University

★ ROP2-4 Differences Between PAH and CTEPH on Phase-Resolved Functional Lung MRI (PREFUL-MRI): A Retrospective Observational Study
Anqi Liu / China-Japan Friendship Hospital, Chinese Academy of Medical Sciences & Peking Union Medical College

★ ROP2-5 Air Lymphangiogram Sign: Specific Signs on Chest CT for the Diagnosis of Lymphangiobronchial Fistula
Mingxia Zhang / Beijing Shijitan Hospital, Capital Medical University

★ ROP2-6 Comparative Analysis of Clinical and CT Manifestations between Complex Lymphatic Anomalies with and without Chyloptysis
Mingxia Zhang / Beijing Shijitan Hospital, Capital Medical University

★ ROP2-7 Imaging Classification and Feature Analysis of Thoracic Lymphatic Abnormality
Mingxia Zhang / Beijing Shijitan Hospital, Capital Medical University

ROP2-8 Micronodular Thymic Neoplasm: Correlation between Contrast-Enhanced CT Findings and Histopathological Findings
Kiyohito Yamamoto / Osaka Medical and Pharmaceutical University

10:40-11:20(Conference Center 303)

Liver
**Masahiro Okada
Azusa Kitao**

ROP3-1 Utility of a Novel Adaptive Averaging Technique for Improving the Quality of Hepatic Diffusion-weighted Images
Shogo Maeda / Hiroshima University

ROP3-2 Impact of Adjuvant mFOLFOLX6 on Imaging Diagnosis after Hepatectomy for Colorectal Liver Metastasis: A Supplemental Analysis of JCOG0603
Yoshifumi Noda / Gifu University

ROP3-3 Morphological Change of the Liver Due to Oxaliplatin: Analysis using Liver Segmentation Software
Minami Kinjo / University of the Ryukyus

★ ROP3-4 Preoperative CT and MRI Assessment in Living Liver Donors
Munkhgerel Davaa / Orgil hospital

13:10-13:50(Conference Center 311+312)

Diagnosis Prognosis Prediction
**Tatsuya Gomi
Yoshie Kunihiro**

ROP4-1 Utility of CT Visual Assessment of Progressive Pulmonary Fibrosis Criteria: Predicting Long-term Pulmonary Function Decline in Fibrotic Interstitial Lung Disease
Tomonori Chikasue / Kurume University School of Medicine

ROP4-2 Disease-Specific Determinants of Sarcopenia in Chronic Liver Disease: A Retrospective MRI-Based Study
Mika Yasutomi / *Tokyo Medical University*

★ **ROP4-3** Intermuscular Adipose Tissue Changes and Prognosis after HCC Resection
Feier Ding / *The University of Osaka Graduate School of Medicine*

★ **ROP4-4** Determining the Risk of Angiomyolipoma Rupture: A Single UK Centre's Pilot Results
Angela Lam / *Oxford University Hospitals NHS Trust, United Kingdom*

14:00-14:20(Conference Center 311+312)

Diagnosis Misc. **Masayuki Matsuo**
Hiroyuki Akai

ROP5-1 The Spectrum of High-Signal Intensity on Bone Marrow DWI in Hematologic Disorders
Sou Tajiri / *University of Fukui*

★ **ROP5-2** CT Evaluation of Heterotaxy Syndrome Spectrum: A Retrospective Study
Pranav Gupta / *GB Pant Hospital*

15:30-15:50(Conference Center 311+312)

Radiomics **Shigeru Kiryu**
Akira Yamada

ROP6-1 Capability for Pulmonary Functional Loss and Lung Abnormality Classification between Computer-Aided Simple Triage and CT Texture Analysis on Whole-Body CTs
Yoshiharu Ohno / *Fujita Health University School of Medicine*

ROP6-2 Prediction of Chemotherapy Response in Pancreatic Ductal Adenocarcinoma Using Radiomics of Iodine-Based Material Decomposition Images: A Prospective Multicenter Study
Nobuyuki Kawai / *Gifu University*

13:10-13:50(Conference Center 313+314)

Digestive Tract **Tamaki Ichikawa**
Eriko Yoshizawa

★ **ROP7-1** Rectal DWI and ADC Map Quality Improvement Using Reverse Encoding Distortion Correction and Super-Resolution Deep Learning Reconstruction
Toru Honda / *The University of Osaka Graduate School of Medicine*

ROP7-2 PROPELLER Diffusion Weighted Imaging in Rectal Cancer: Comparison with MUSE
Takuro Gonda / *Tottori University*

ROP7-3 CT Colonography Vs Colonoscopy: Insights Into Lesion Distance from the Anal Verge
Daisuke Tsurumaru / *Graduate School of Medical Sciences, Kyushu University*

ROP7-4 Double Attenuation Sign on CT as a Novel Predictor of Gastric Bleeding: A Two-Center Study
Kanako Oyanagi / *Niigata University Graduate School of Medical and Dental Sciences*

14:20-15:10(Conference Center 313+314)

Therapy MSK Etc. **Hidefumi Aoyama**
Rumiko Kinoshita

ROP8-1 Impact of Qualitative Evaluation using DWIBS after Spinal SBRT and Its Prognostic Factors for MRI Signal Recovery
Masateru Fujiwara / *Suita Tokushukai Hospital*

ROP8-2 Clinical Outcomes of Total Body Irradiation (TBI) using VMAT
Yosuke Miki / *The University of Tokyo Hospital*

ROP8-3 Hemostatic 8 Gy in Single Fraction Radiotherapy for Tumour Bleeding
Kenji Makita / *National Cancer Center Hospital East*

ROP8-4 Hypothesis on Erasure of Therapeutic Memory in Cancer by KORTUC Through Disruption of CSC-Related Epigenetic Programs
Shiro Obata / *Nagasaki Prefecture Shimabara Hospital*

★ **ROP8-5** Assessment of Treatment Response in Sacral Chordoma after Carbon Ion Radiotherapy Using Multi-Planar MRI Measurements and FDG-PET/CT Quantitative Parameters
Burte Gantumur / *Gunma University Graduate School of Medicine*

10:40-11:40(Annex Hall F205+206)

IVR Vascular Misc. **Takuji Araki**
Saya Igarashi

★ **ROP9-1** Real-time AI-assisted Middle Meningeal Artery Embolization using Liquid Embolic Agents for Chronic Subdural Hematoma
Kenichi Kono / *Showa Univ. Fujigaoka Hospital*

ROP9-2 Association of Lesion Characteristics, Guidewire Utilization, and Clinical Success in Endovascular Therapy for Femoropopliteal Disease
Kenichi Kaneda / *Saiseikai Yokohamashi Nanbu Hospital*

ROP9-3 The Peripherally Inserted Central Catheter Tip Location in Different Upper Limb Positions
Sotaro Oka / *Hamamatsu University School of Medicine*

ROP9-4 Risk Factors for Difficulty and Complications Associated with Peripherally Inserted Central Catheter Insertion.
Junya Ichiki / *Kochi Health Sciences Center*

ROP9-5 Ethiodized Oil-Based Emulsion Embolization Duration and Efficacy in a Preclinical Model
Hiroki Nakamura / *Kawasaki Medical School*

★ **ROP9-6** Surface-modified Flow Diverter Treatment of Unruptured Intracranial Small Caliber Vessel Aneurysms: A Multicenter Comparison of Single Versus Dual Antiplatelet Therapy
Philipp v. Gottberg / *Stuttgart Municipal Hospital*

April 17 (Fri.)

15:30-16:20(Conference Center 302)

Lung **Hiroaki Sugiura**
Takeyuki Watadani

ROP10-1 Comparison of the Biomechanical Assessment between Inspiratory-Expiratory Upright and Supine ADCT in Matched PPF Patients
Yoshiharu Ohno / *Fujita Health University School of Medicine*

★ : English Presentation

ROP10-2 Detectability of Subsegmental Lesions in Patients with Inoperable CTEPH: Comparison between Ultra-high-resolution Vs. Conventional CT
Satoshi Higuchi / *Tohoku University Hospital*

ROP10-3 Image Quality Evaluation of an Experimental Ultra-High-Resolution CT in the Thoracic Region
Hiroko Kawashima / *Kanazawa University*

★ **ROP10-4** Peripheral Bronchial Visualization on Dynamic Ventilation Computed Tomography for Chronic Interstitial Pneumonia: Improvement by Deep-learning Reconstruction Algorithm
Yukihiro Nagatani / *Shiga University of Medical Science*

ROP10-5 CT Findings of Pneumonia by Human Metapneumovirus in Adult Patients
Sota Hamada / *Kurashiki Central Hospital*

15:30-16:20(Conference Center 303)

CT Photon Counting Akio Hiwatashi
Masato Yamaguchi

ROP11-1 Local Assessment of Breast Cancer Using Whole-Body Photon-Counting CT Performed for Metastasis Screening: A Potential Alternative to Contrast-Enhanced MRI
Maika Nakajima / *Institute of Science Tokyo*

ROP11-2 Appropriateness of Dose Reduction Using Photon-counting Detector CT for Temporal Bone Imaging: Phantom and Clinical Studies
Yuka Takahashi / *Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences*

ROP11-3 Split-Bolus Injection Protocol in Photon-Counting Detector CT of the Upper Abdomen: Compared to Conventional Injection Protocol in Energy-Integrating Detector CT.
Kentaro Nishiuchi / *Kobe University Graduate School of Medicine*

ROP11-4 Iodinated Feature Size Measurement for Material Density Images using a Prototype Deep-Silicon Photon-Counting CT System
Yoshifumi Noda / *Gifu University*

ROP11-5 Diagnostic Performance of Photon-Counting CT Iodine Maps for Breast Cancer: Comparison with Contrast-Enhanced MRI and Ultrafast MRI Maximum Slope
Kaito Nonoyama / *Nagoya University Graduate School of Medicine*

16:50-17:30(Conference Center 303)

CT Technique Yoshitake Yamada
Yuko Nakamura

ROP12-1 Image Quality Evaluation of an Experimental Ultra-High-Resolution CT in the Breast Region
Hiroko Kawashima / *Kanazawa University*

ROP12-2 Upright Vs Supine: Influence of Body Position on Image Quality and Abdominal Aneurysm Diameter in Routine Clinical Follow-Up using CT
Masahiko Nomura / *Fujita Health University School of Medicine*

ROP12-3 Single-source Dual-energy CT Angiography with Reduced Iodine Dose of 200 MgI/kg at 40 KeV Deep Learning Image Reconstruction
Yukichi Tanahashi / *Hamamatsu University School of Medicine*

ROP12-4 Impact of High-Iodine Concentration Contrast Material for Dual-Energy CT Angiography on Arterial Visualization: A Single-Blind, Randomized Controlled Trial
Masashi Asano / *Gifu University*

8:50-9:30(Conference Center 311+312)

Nuclear Tumor Yoshihiro Nishiyama
Atsutaka Okizaki

ROP13-1 Prognostic Significance of Harmonized FDG-PET/CT Parameters in Maxillary Gingival Carcinoma
Hayato Kaida / *Kindai University Faculty of Medicine*

ROP13-2 Use of Pretreatment ¹¹¹In-pentetreotide and Baseline ¹⁷⁷Lu-DOTATATE Uptake to Predict Early PRRT Response in Metastatic Neuroendocrine Tumors
Yukari Eizuru / *Kagoshima University*

★ **ROP13-3** Safety and Response of ¹⁷⁷Lu-DOTATATE Therapy at a Single Institution in Japan
Akira Kambe / *Kanagawa Cancer Center*

ROP13-4 Clinical Evaluation of Relative Patlak Plot Ki' Images as Substitutes for Standard Patlak Plot Ki Images in ¹⁸F-FDG PET/CT
Masatoyo Nakajo / *Kagoshima University, Graduate School of Medical and Dental Sciences*

9:40-10:20(Conference Center 311+312)

Nuclear Misc. Yusuke Inoue
Hiroshi Ito

ROP14-1 Development of a Normal Database Using Clinical Cases in Cerebral Perfusion Scintigraphy
Naoto Kawaguchi / *Ehime University Graduate School of Medicine*

ROP14-2 Value of Adding Prone-Position Imaging to Enable Stress-Only Myocardial Perfusion SPECT
Takuya Kitamura / *Ehime University Hospital*

ROP14-3 Evaluation of Coronary Microvascular Dysfunction in Wild-type Transthyretin Cardiac Amyloidosis using Dynamic ²⁰¹Tl-SPECT
Shinya Shiraishi / *Kumamoto University*

ROP14-4 Myocardial FDG Uptake Changes after Esophageal Cancer Radiotherapy: Quantitative Analysis in Retrospectively Selected Cases with Adequate Fasting Control
Yoichi Otomi / *Tokushima University Hospital*

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

Amyloid Ukihide Tateishi
Tomohiro Kaneta

ROP15-1 Correlation of Amyloid PET Centiloid Scale with Brain Atrophy and Clinical Symptoms
Shun Iwasaki / *Institute of Science Tokyo*

ROP15-2 Association between Centiloid Value and Cortical Thickness in Short-Delay ¹⁸F-Flutemetamol PET/CT
Yujiro Nakaoka / *Nippon Medical School*

ROP15-3 Centiloid from 60-Min Amyloid PET Using a 90-Min Reference on Semiconductor PET/CT
Koji Sohara / *Nippon Medical School*

ROP15-4 Multiple Logistic Regression Analysis of Factors Associated with Visual Interpretation Results of Amyloid PET Scans

Yoshihiro Okumura / *Okayama Kyokuto Hospital*

ROP15-5 Volume Changes and Amyloid PET Uptake Before and after Antibody Therapy for Dementia -A Preliminary Study-

Kazusa Sugijura / *Nagano Red Cross Hospital*

ROP15-6 Head-to-head Comparison of Susceptibility-weighted Imaging and T2*-weighted Gradient-recalled Echo MRI Sequences to Detect ARIA-H in Clinical Trial for Donanemab(TRAILBLAZER-ALZ 6)

Etsuko Imabayashi / *Eli Lilly Japan K.K.*

★**ROP15-7** MR-guided PET Reconstruction for Improved Brain Amyloid and Focal Cortical Dysplasia Imaging

Yu Cai / *Mayo Clinic*

13:40-14:00(Conference Center 311+312)

Brain Tumor

**Taisuke Harada
Ryo Kurokawa**

ROP16-1 Initial Experience with PROPELLER-DWI for Evaluation of the Pituitary Region

Ryoya Ochiai / *Tottori University*

ROP16-2 Meningioma Stiffness Alterations after Embolization: Insights from a Prospective MR Elastography Study

Tomohiro Takamura / *Shizuoka General Hospital*

14:10-15:10(Conference Center 311+312)

MRI Neuro

**Noriko Kurihara
Akira Yogi**

ROP17-1 Visualization of Nerve Pathology and Correlation with Clinical Severity in Bell's Palsy Using 3D Double-Echo Steady-State with Water Excitation Sequence

Hiroyuki Fujii / *Jichi Medical University, School of Medicine*

ROP17-2 Investigation of Contralateral Pontine and Cerebral Peduncle Atrophy Due to Unilateral Cerebellar Lesion in Adults

Yukina Izumi / *Kyoto Yamashiro General Medical Center*

★**ROP17-3** Imaging Biomarker for the REM Sleep Abnormalities in Parkinson's Disease: Utility of Diffusion Metrics in Assessing a Pontine Sublaterodorsal Tegmentum

Hiroto Takahashi / *Osaka University Graduate School of Medicine*

ROP17-4 Advection-Diffusion Resolved Mapping of CSF Dynamics Using Low B-value Diffusion Tensor Imaging

Yoshitaka Bito / *Hokkaido University Graduate School of Medicine*

ROP17-5 Longitudinal Changes in Myelin Content Within Lesion after MRgFUS Treatment in Essential Tremor

Masashi Kanouchi / *Shinyurigaoka General Hospital*

★**ROP17-6** A Multimodal MRI Study of Lanmaoa Mushroom Poisoning: Integrating Perfusion and Diffusion Findings

si xian Fu / *Anning First People's Hospital*

15:30-16:40(Conference Center 311+312)

Musculoskeletal

**Yoshiko Hayashida
Tsutomu Inaoka**

ROP18-1 Calcification Below the Anterior Arch of the Atlas: Is It Acute Calcific Tendinitis of the Longus Colli Muscle?

Takuya Seko / *Gifu university*

★**ROP18-2** Accuracy of Limited Protocol MRI Knee; a Cost Effective Technique in Evaluation of Internal Derangement in Knee Injuries

Ummara Siddique / *Rehman Medical Institute Peshawar*

ROP18-3 MRI Findings in Dropped Head Syndrome: A Single-Center Retrospective Cohort Study

Takehiro Kobayashi / *Tokyo Medical University*

★**ROP18-4** MRI Features of Peripheral Nerve Entrapment Syndromes: Analysis of 18 Clinical Cases

Quynh Giang Nguyen / *Vinmec Smart City International Hospital*

ROP18-5 Alterations in Cauda Equina Movement During the Valsalva Maneuver in Patients with Lumbar Spinal Stenosis Before and after Decompression Surgery

Ryo Yamakuni / *Fukushima Medical University School of Medicine*

★**ROP18-6** MRI Findings for Predicting the Meniscocapsular Injury of the Medial Meniscus in Traumatic Knee

Supakit Satayukun / *Prince of Songkla University*

★**ROP18-7** MRI Features of Rice Bodies and Differential Synovial Disorders: Analysis of Nine Cases with Literature Review

Quynh Giang Nguyen / *Vinmec Smart City International Hospital*

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

Pancreas

**Tamaki Ichikawa
Yoshiki Asayama**

ROP19-1 V-slope (Down-to-Up) Injection Technique for Pancreatic CT (Part 1) : Development and Methodology

Aya Takase / *Gunma University Hospital*

ROP19-2 Can the Arterial Phase Be Omitted in Pancreatic Cancer Evaluation Using the V-slope (Down-to-Up) Injection Technique?

Soma Kumasaka / *Gunma University Graduate School of Medicine*

ROP19-3 Detection of Hypervascular Liver Metastases from Pancreatic Carcinoma Using a Downslope Injection Technique.

Haruka Machida / *Gunma University Hospital*

ROP19-4 The Histopathological Significance of Peritumoral Delayed Enhancement in Pancreatic Ductal Adenocarcinoma

Yuichi Chujo / *Kanazawa University Hospital*

ROP19-5 V-slope Injection Technique for Pancreatic CT (Part 2): Usefulness in Detection of Pancreatic Cancer

Aya Takase / *Gunma University Hospital*

ROP19-6 Characteristic CT Features of Early-stage Pancreatic Cancer: A Multicenter Study

Yuki Sato / *Kawasaki Medical School*

ROP19-7 Quantitative MRI Assessment of Background Pancreas: Correlation with Histopathology and Tumor Malignancy

Kazuya Yasokawa / *Kawasaki Medical School*

★ : English Presentation

ROP19-8 Differentiating Mucin Plugs from Mural Nodules in Pancreatic Cysts Using Non-contrast MRI Target Sign and Morphology
Hideyuki Fukui / *Osaka University Graduate School of Medicine*

11:10-11:40(Conference Center 313+314)

Female Pelvis

**Eito Kozawa
Yuko Iraha**

ROP20-1 MRI-based Assessment of Parametrial Venous Invasion for Prognosis in Locally Advanced Cervical Cancer
Ryoji Yamagishi / *Kagoshima University Graduate School of Medical and Dental Sciences*

ROP20-2 Modified PROPELLER Method with Newly Developed Parallel Imaging Techniques in Female Pelvic MRI: Image Quality Improvement and Scan Time Reduction
Takahiro Ueda / *Fujita Health University School of Medicine*

ROP20-3 MRI Features Mimicking Malignancy in Ovarian Fibromas and Thecomas
Takanori Aonuma / *Shinshu University School of Medicine*

13:10-14:10(Conference Center 313+314)

Heart

**Takahiko Mine
Yasutaka Ichikawa**

ROP21-1 Assessment of Left Ventricular Thrombi using Cardiac CT: A Comparative Evaluation of Non-Contrast, CT-Angiography, Delayed-Enhanced Images, and Extracellular Volume Maps
Hiroko Takaoka / *Kumamoto University*

ROP21-2 Reproducibility of Cardiac Cine MRI-Derived LV Volume and Strain Parameters
Koya Denda / *Saitama Northern Medical Center, Japan Community Health Care Organization (JCHO)*

ROP21-3 Diagnostic Value of Simplified Manual Long-axis Strain Analysis for Differentiating Cardiac Amyloidosis and Hypertrophic Cardiomyopathy
Kentaro Ohara / *Ehime University Hospital*

ROP21-4 Comparison of Coronary Artery Calcification Assessment Between ECG-Gated CT and Low-Dose CT from SPECT/CT
Hiromasa Takahashi / *Sano kosei general hospital*

ROP21-5 Patterns in Use of Diagnostic Imaging and Initiation of Medical and Revascularization Therapies for Patients with Suspected Chronic Coronary Syndrome
Teruhito Kido / *Ehime University Graduate School of Medicine*

★ ROP21-6 Prognostic Value of Hybrid Cardiac Perfusion SPECT/CT for Patients with Coronary Artery Disease Following Coronary Artery Bypass Grafting
Yoshimitsu Fukushima / *Nippon Medical School*

15:40-16:00(Conference Center 313+314)

Kidney

**Yasuhiro Ushijima
Naoko Mori**

★ ROP22-1 Sex-Specific Prognostic Impact of Visceral and Subcutaneous Fat Distribution in Renal Cell Carcinoma: A Three-Dimensional CT-Based Quantitative Analysis
Haotian Zhang / *Gunma University Graduate School of Medicine*

★ ROP22-2 Evaluation of CT ccLS for Diagnosing ccRCC in Small Renal Masses among Filipino Adults
Alvin Logronio / *National Kidney and Transplant Institute*

16:30-17:20(Conference Center 313+314)

Prostate

**Kengo Yoshimitsu
Yoshiko Ueno**

ROP23-1 High-resolution Diffusion-Weighted Imaging of the Prostate using Complex Signal Average: Initial Experience
Atsushi Nakamoto / *The University of Osaka Graduate School of Medicine*

ROP23-2 Utility of Complexed Signal Average for Improving Differentiation Capability of Malignant from Benign Prostatic Areas on DWI
Yoshiharu Ohno / *Fujita Health University School of Medicine*

ROP23-3 Efficiency of Deep-Learning Reconstruction with a Dual-AI Engine for Image Quality Improvement and Scan Time Reduction in Prostate T2-Weighted Imaging
Ryuya Yoshida / *Kumamoto Chuo Hospital*

ROP23-4 Fast TSE T2-Weighted Imaging with Deep Learning Reconstruction for Prostate MRI: Image Quality and Diagnostic Performance
Daigo Kobayashi / *Kobe University Hospital*

ROP23-5 Diagnostic Value for PI-RADS 3 Clinically Significant Prostate Cancer Detection Using Quantitative Synthetic DWI and Clinical Indices
Takuma Maruhisa / *Kawasaki Medical School*

15:30-16:40(Annex Hall F205+206)

AI Diagnosis

**Yasutaka Fushimi
Rintaro Ito**

ROP24-1 Random Forest-Based Prediction of Placenta Accreta Spectrum in Non-Previa Pregnancies Using Clinical and MRI Features
Yoshiko Ueno / *Kobe University Graduate School of Medicine*

ROP24-2 Evaluation of an AI-Based Diagnostic Support System for Chest Radiography: Its Efficacy in Detecting Pulmonary Nodules and Chronic Lung Diseases
Miyuki Tomiyama / *The University of Osaka Graduate School of Medicine*

ROP24-3 Machine Learning Using Comprehensive Non-Contrast Dual-Energy CT Parameters: Differentiating Hepatic Hemangioma from Malignant Liver Tumors
Atsushi Takamatsu / *Kanazawa University Graduate School of Medical Sciences*

ROP24-4 Machine Learning-Based Approach to the CT Differentiation of Invasive Mucinous Adenocarcinoma in Patients with Multiple Pulmonary Consolidations
Makiko Murota / *Kagawa University*

ROP24-5 Automated Detection of Pancreatic Cancer on Contrast-enhanced CT using a Commercial AI Software
Kotaro Yoshida / *Fukui Prefectural Hospital*

★ ROP24-6 Development and Validation a Deep Learning Model for Integrated Segmentation of Thyroid and Papillary Thyroid Carcinoma on Non-Contrast CT
Hao Wang / *The Fourth Affiliated Hospital of Nanjing Medical University*

★ **ROP24-7** AI-based MRI Analysis of Brain Structural Changes in Type 2 Diabetes Mellitus: A Comparison with Non-Diabetic Controls
Tserensugir Adiyasuren / *Mongolian National University of Medical Sciences*

April 18 (Sat.)

14:30-15:30(Conference Center 302)

AI Large Language Model Etc. **Masako Kataoka**
Soichiro Miki

- ROP25-1** Assessing Accuracy and Legitimacy of Multimodal Large Language Models on Japan Diagnostic Radiology Board Examination
Yuichiro Hirano / The University of Tokyo Hospital
- ROP25-2** Offline-Deployable Retrieval-Augmented Large Language Model for Assisting Pancreatic Cancer Staging
Hisashi Johno / University of Yamanashi
- ROP25-3** Performance of a Prototype AI-Based Software for BPE Level Classification on Breast MRI: Comparison of Radiologists with Varying Experience
Maki Kiba / Kyoto Prefectural University of Medicine
- ROP25-4** Comparison of AI Image Interpretation Support Software and Radiologist Performance for Detection of Brain Metastases
Kokichi Seki / Shiga University of Medical Science
- ROP25-5** A PACS-Linked External Workstation Enabling Fully Automated Image Retrieval, Analysis, and Result Reporting
Yasuhiko Tachibana / National Institutes of Quantum Science and Technology
- ROP25-6** Development of Neural Network Assisted Compression Method by Utilizing State-of-the-art Data Driven Studies in Computer Science for Streamlined Diagnostic Imaging
Kota Ishikawa / Independent

15:10-15:30(Conference Center 303)

Postmortem **Maiko Yoshida**
Tsuneo Yamashiro

- ROP26-1** Feasibility of Routine Postmortem MRI using SwiftMR: Short Acquisition Time and Improved Signal-to-Noise Ratio
Hideki Hyodoh / University of Fukui School of Medical Sciences
- ★ **ROP26-2** Use of Postmortem Computed Tomography in Identification of the Bodies: in which Bodies, Most Effective?
Maiko Yoshida / Chiba University

9:00-10:10(Conference Center 311+312)

IVR Vascular Body Trunk **Miyuki Sone**
Daisuke Abo

- ★ **ROP27-1** Effectiveness of Conventional Lipiodol Transarterial Chemoembolization for Downstaging or Bridging to Liver Transplantation
Ichiro Suzuki / Hospital de Alta Complejidad en Red El Cruce

ROP27-2 Comparison of Future Liver Remnant Hypertrophy after Portal Vein Embolization with NBCA Lipiodol Ethanol and Ethanol in a Porcine Model
Akio Sato / Tokyo Medical University Hospital

ROP27-3 Comparison of Intra-Arterial and Intravenous Digital Subtraction Angiography for the Diagnosis of Thoracic Outlet Syndrome
Kanji Sugiura / Kansai Medical University

ROP27-4 Clinical Outcomes of Transarterial Embolization Versus Total Abdominal Hysterectomy for Life-threatening Postpartum Hemorrhage
Yasuyuki Ono / Kansai Medical University

ROP27-5 Is the Palliative Effect of Transarterial Chemotherapy Truly Immediate?
Akihiko Seki / Suita Tokushukai Hospital

ROP27-6 Transcatheter Obliteration of Rectal Varices: Efficacy and Limitation
Hidetaka Hayashi / Kumamoto University

ROP27-7 Cervical Venous Plexus Volume Predicts Bleeding Risk in Placenta Accreta Spectrum with Placenta Previa Managed by Prophylactic Balloon Occlusion
Hiroyuki Tokue / Gunma University Hospital

10:40-11:10(Conference Center 311+312)

IVR Nonvascular **Shingo Hamaguchi**
Mayu Uka

ROP28-1 Moderate Adverse Events in MR-guided Focused Ultrasound Thalamotomy: A Case Series and Strategic Modifications
Toshio Yamaguchi / International academia for focused ultrasound therapy

ROP28-2 Respiratory-Related Negative Pressure in Subphrenic Abscess Drainage: Quantitative Analysis of Pressure Fluctuations
Takuji Maruyama / Kansai Medical University

★ **ROP28-3** Efficacy and Safety in CT-Guided Percutaneous Transthoracic Needle Biopsy of Ground-Glass Opacity Pulmonary Lesions between 18G and 20G Needles
Haoyu Li / China-Japan Friendship Hospital

8:20-9:00(Conference Center 313+314)

MRI Technique **Masaaki Hori**
Kiyohisa Kamimura

ROP29-1 Fat-Corrected T1 with Low-Field MRI and Deep Learning Reconstruction (AIRS SwiftMR) in a Rat MASLD Model: Quantitative Histopathologic Correlation
Kenichiro Okumura / Kanazawa University School of Medical Sciences

ROP29-2 A Preliminary Study of 23Na-MRI for Chronic Liver Disease
Yukichi Tanahashi / Hamamatsu University School of Medicine

★ **ROP29-3** Longitudinal Assessment of Hepatic Metabolism in a CDAHFD-Induced Mouse Model of Steatohepatitis with Hyperpolarized 13C-MRS
Shingo Omata / Gifu University

ROP29-4 Clinical Application of Hyperpolarized MRI: Expanding Into New Fields
Masayuki Matsuo / Gifu University

★ : English Presentation

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

Labor Safety**Yasuyuki Kobayashi
Kanako Kumamaru****ROP30-1** Impact of Nighttime Duty on Radiologists' Diagnostic Performance for Brain Metastases on MRIAkitoshi Inoue / *Shiga University of Medical Science***ROP30-2** Assessment of the Effect of MRI Vertebral Auto-Labeling Software on Reduction of Radiologists' Reading TimeKota Watanabe / *Showa Medical University Northern Yokohama Hospital***ROP30-3** Discrepancies Between Clinical Symptoms and CT Findings in Contrast Material Allergy: A Preliminary Retrospective AnalysisNaoki Kiyoshige / *Kyoto Prefectural University of Medicine***ROP30-4** Report Importance Category Version 2 (RICv2): Proposal of a Standardized System for Categorizing Importance of Radiology ReportsTomohiro Wataya / *Shiga University of Medical Science***ROP30-5** Making Radiology Reading Workload and Progress More TransparentRyo Sakamoto / *Kyoto University Graduate School of Medicine***ROP30-6** Comprehensive Review of Contrast Agent-Related Adverse Reactions in Computed Tomography: A Single-Institution ExperienceNatsuo Yamashita / *Kurume University School of Medicine***ROP30-7** Considering Justification of Medical Exposure in Diagnostic ImagingNaoyuki Watanabe / *International Atomic Energy Agency*

10:40-11:40(Conference Center 313+314)

Education**Masaaki Akahane
Rika Yoshimatsu****ROP31-1** Resident Performance Using a Standardized MRI Scoring System in Esophageal CancerKohiro Akita / *Kansai Medical University***ROP31-2** Prediction of Reading Time for Radiology Reports: A Feasibility StudyRintaro Ito / *Nagoya University Graduate School of Medicine***ROP31-3** Clicking for Quality: How Simple Likes Enhance Perceived Feedback and Workflow EfficiencyRintaro Ito / *Nagoya University Graduate School of Medicine***ROP31-4** Evaluation of a Task Shift Model for Intravenous Administration and Venous Access by Radiologic TechnologistsSeiko Miura / *Kanazawa Medical University***ROP31-5** Learning the Invisible: Educational Impact of a VR-based Radiation Safety Program for Medical Students in Interventional RadiologyKoichiro Futatsuya / *University of Occupational and Environmental Health***★ ROP31-6** Evaluating Radiology Residents' Accuracy and Inter-Reader Agreement in Pediatric Pneumonia Detection on Chest Radiographs.Loganathan Muthusamy / *KK Women's and Children's Hospital*

13:10-14:10(Conference Center 313+314)

MRI Body Trunk**Kumi Ozaki
Shintaro Ichikawa****ROP32-1** Evaluation of the Supplemental Usefulness of TrueFISP for Biliary Evaluation with MRCPEriko Yoshizawa / *Shinshu University School of Medicine***ROP32-2** Application of Deep Learning Techniques for Breath-hold, High-precision T2-weighted Magnetic Resonance Imaging of the AbdomenJo Ishii / *Yamaguchi University Graduate School of Medicine***ROP32-3** Usefulness of Abdominal Diffusion-weighted MRI using Adaptive and Complex Signal Averaging ReconstructionMiwa Matsukuma / *Yamaguchi University School of Medicine***ROP32-4** Image Quality in Dynamic MRI using DLR: Intraindividual Comparison between Compressed Sensing and Modified Fast 3D Mode WheelMasahiro Tanabe / *Yamaguchi University Graduate School of Medicine***ROP32-5** 12 cm FOV MRCP on a 1.5T System with Dual AI (SmartSpeed Precise)Taro Takahara / *Takahara Clinic Innovative Scan***★ ROP32-6** The Histogram Analysis of IVIM and Kurtosis Model in Distinguishing between Metastatic and Non-metastatic Lateral Lymph Node of Rectal CancerYuwan Hu / *China-Japan Friendship Hospital*

14:20-15:40(Conference Center 313+314)

Breast**Reiko Woodhams
Mami Iima****ROP33-1** The Significance of Incidental Breast Lesions Detected by Computed TomographyTokuko Lee / *Kouseikai Takeda Hospital/ Shiga University School of Medicine***ROP33-2** Optimal MRI Sequence for T-Staging in Breast Cancer: Comparison Between Early-Phase DCE-MRI and ADC Map with Pathologic Findings.Toshiki Murata / *Akita University Hospital***ROP33-3** Diagnostic Performance of Preoperative MRI for Detecting Pectoralis Muscle Invasion in Breast Malignancies: A Retrospective Analysis of 812 PatientsAzusa Nishimoto / *Graduate School of Medicine Kyoto University***ROP33-4** A Two-Step Ultrasound Model for Predicting Mammography Breast Imaging-Reporting and Data System (BI-RADS) and Improving Diagnostic Prioritization.Takumi Sakata / *Yamaguchi University***ROP33-5** Menstrual Cycle-related Changes in Normal Breast Parenchyma on Diffusion-weighted ImagingToshiki Kazama / *Tokai University School of Medicine***ROP33-6** Fundamental Evaluation of the Visibility of New Three-Dimensional Breast Markers: A Comparative Study Using a Chicken PhantomYosuke Kaga / *Dokkyo Medical University Saitama Medical Center***ROP33-7** National Trends in Breast Needle Biopsy in Japan Based on NDB Open DataRyo Kajiwara / *Dokkyo Medical University Saitama Medical Center*

★ **ROP33-8** Preoperative MRI-based Deep Learning Approach for Predicting Upstaging of Ductal Carcinoma in Situ
Yingyu Cai / Yamagata University Graduate School of Medical Science

14:20-15:10(Annex Hall F205+206)

Radiotherapy Male Pelvis & Rectum Naoto Shikama Masao Tago

ROP34-1 Clinical Outcomes after Stereotactic Body Radiotherapy to the Primary Tumor in Patients with Stage IV Prostate Cancer.
Ayane Yasui / The University of Tokyo Hospital

ROP34-2 Retrospective Analysis of High-Dose-Rate Brachytherapy for Low-Risk Prostate Cancer.
Keiji Matsuda / Kawasaki Medical School

ROP34-3 Bowel Perforation in Colorectal Cancer Patients Treated with Radiotherapy and Bevacizumab
Shinichiro Toyoshima / Toyama Prefectural Central Hospital

ROP34-4 Real-World Evidence on Radiotherapy for Rare Cancers: A Claims Database Study of Anal Canal Cancer Treatment
Kazuya Takeda / South Miyagi Medical Center

ROP34-5 Clinical Outcomes of Salvage Radiotherapy after Radical Prostatectomy and External Validation of the MSKCC Nomogram: a Single-institution Retrospective Study
Kei Nagasaki / Shikoku Cancer Center

16:50-17:30(Annex Hall F205+206)

Radiotherapy Female Pelvis Naoya Murakami Ryoosuke Takenaka

ROP35-1 Clinical Evaluation of Whole Pelvic Irradiation for Uterine Cervical Cancer with Metastases Beyond the Pelvis
Nobuko Utsumi / Saitama Medical Center, Saitama Medical University

ROP35-2 Palliative Lattice Radiotherapy for Bulky Cervical Cancer: A Case Report
Yoshiaki Takagawa / Fukushima Medical University

ROP35-3 Clinical Outcomes of Radiation Therapy for Squamous Cell Carcinoma of the Cervix with No Pelvic Lymph Node Involvement
Kotaro Yoshio / Okayama University Graduate School of Medicine Dentistry and Pharmaceutical Sciences

ROP35-4 Initial Outcomes of IMRT and IGBT Treatment for Cervical Cancer
Masanosuke Oguri / Nagoya City University Graduate School of Medical Sciences

April 19 (Sun.)

9:30-10:10(Conference Center 302)

Pediatric Hiroshi Oba Ayako Taketomi-Takahashi

ROP36-1 The QUANTI Pediatric Study: Pharmacokinetics and Safety of Gadoquatran in Pediatric Patients Undergoing Contrast-enhanced MRI with a Reduced Gadolinium Dose
Rieko Furukawa / Jichi Children's Medical Center Tochigi

ROP36-2 A Retrospective Study of Brain MRI in Infants Born Before 32 Weeks of Gestation.
Yusuke Nakamura / Japanese Red Cross Kyoto Daiichi Hospital

ROP36-3 Neurodevelopmental Outcome of Preterm Infants with Non-hemorrhagic Ventricular Dilatation
Katsumi Hayakawa / Japanese Red Cross Kyoto Daiichi Hospital

ROP36-4 Incidence of Brain Injury at Term-Equivalent Age in Preterm Infants: A 11-Year Experience at a Single Center
Yukiko Hayashi / Japanese Red Cross Kyoto Daiichi Hospital

8:20-9:10(Conference Center 311+312)

AI Quantification & Segmentation Takeharu Yoshikawa Yasuhito Mitsuyama

ROP37-1 Evaluation of Adrenal Segmentation Accuracy Using the Latest Contouring Tool
Kodai Maki / Tohoku University

ROP37-2 Intercostal Muscle Volume and Fat Fraction Measured by Deep-learning-based Segmentation in Chronic Interstitial Pneumonia Associated with Pulmonary Function and Symptom.
Kenta Tanimura / Shiga University of Medical Science

ROP37-3 The Effectiveness of AI-assisted Measurement of Lymph Node Metastases in RECIST
Ryo Sakamoto / Department of Real World Data Research and Development

★ **ROP37-4** Development and Validation of an Automated Segmentation Model for Esophagus and Esophageal Squamous Cell Carcinoma Using Dual-Layer Detector CT
Hao Wang / The Fourth Affiliated Hospital of Nanjing Medical University

★ **ROP37-5** AI-Based CT Body Composition for Population Analysis and Diabetes Mellitus Assessment
Anastasia Smorchkova / State Budget-Funded Health Care Institution of the City of Moscow "Research and Practical Clinical Center for Diagnostics and Telemedicine Technologies of the Moscow Health Care Department"

9:30-10:00(Conference Center 311+312)

Quantification Masao Tago Koji Fujimoto

ROP38-1 Qualitative and Quantitative CT Analyses of the Solid Component in Lung Adenocarcinoma for Predicting Invasiveness
Yoshie Kunihiro / Yamaguchi University Graduate School of Medicine

ROP38-2 Mechanical Load from Childbirth as a Contributor to Iliac Bone Sclerosis: Quantitative CT Study in Osteitis Condensans Ilii
Emika Murasawa / The Akita University School of Medicine

ROP38-3 Novel Dual-energy CT Approach for Calculating Mass-Density Maps: Demonstration of Clinical Applications
Tetsuro Kaga / Gifu University

★ : English Presentation

10:50-11:30(Conference Center 311+312)

Radiotherapy Head, Neck & Chest

**Hiomichi Ishiyama
Michio Yoshimura**

- ROP39-1** Radiation Therapy Cannot be Omitted in Postoperative Locoregional Recurrent Esophageal Cancer
Keiichi Jingu / Tohoku University Graduate School of Medicine
- ROP39-2** Clinical Outcomes and Toxicities of Stereotactic Re-irradiation for Lung Lesions
Akiko Oka / The University of Tokyo Hospital
- ROP39-3** Treatment Outcomes of Postoperative Radiotherapy for Salivary Gland Carcinoma
Kenta Watanabe / Okayama University Hospital
- ROP39-4** Stereotactic Body Radiotherapy for Early-stage Non-small Cell Lung Cancer Adjacent to Critical Structures
Yasushi Hamamoto / Shikoku Cancer Center

General Educational Presentation (Electronic Poster only)

1. Neuroradiology

- REE001** Review Areas in CT Head Study : Survival Tips for the Radiology Resident.
Yih Yian Sitoh / *National Neuroscience Institute, Singapore*
- REE002** Imaging Spectrum of Autoimmune Encephalitis: What Radiologists Should Know.
Akira Yogi / *University of the Ryukyus*
- REE003** The Role of MRI in the Diagnosis of Prion Diseases: Comparative Analysis of Sporadic and Genetic Prion Diseases.
Hiromi Masaki / *University of Occupational and Environmental Health, School of Medicine*
- REE004** Assessment of Hemodynamics of Various Intracranial Vascular and Neoplastic Lesions by Super-selective Pseudo-CASL Technique
Kazuhiro Tsuchiya / *Kyoin University School of Medicine*
- REE005** Arterial Spin Labeling: Perfusion Imaging as a Useful Tool for Assessing a Wide Range of Neurological Disorders
Noriko Kurihara / *Sendai Medical Center*
- REE006** T1 Hyperintensity in Sellar and Para-Sellar Lesions on MRI: A Case-Based Review
Pranav Gupta / *GB Pant Hospital (GIPMER)*
- REE007** The Spectrum of Dementia: The Role of Neuroradiology in Evaluating Cognitive Decline
Danling Chen / *Yale University School of Medicine*
- REE008** Unraveling the Mystery: Subarachnoid Space Abnormalities Demystified.
AKSHAY DIPAKRAO WAKADE / *Woodlands Health, Singapore*

2. Head and Neck

- REE009** CT and MRI Imaging Characteristics of Eyelid Lesions
Masaya Kawaguchi / *Gifu University*
- REE010** Exploring Beyond the Middle/Inner Ear: Radiological Insights Into Atypical Hearing Loss in Head and Neck Imaging
Ryota Nakanosono / *Kagoshima University Graduate School of Medical and Dental Sciences*

3. Chest

- REE011** Systemic Lupus Erythematosus : Spectrum of HRCT Imaging Findings
Nobukata Kazawa / *Kansai Medical University*
- REE012** Beyond Fibrosis: Radiologic Spectrum of Non-Fibrotic Interstitial Lung Diseases
AKSHAY DIPAKRAO WAKADE / *Woodlands Health, Singapore*
- REE013** Infectious Pneumonia Essentials from Basics to Clinical Pearls with Never Miss Patterns and Checklists for Triage
Toshinori Fukuda / *Oregon Health and Science University*

- REE014** Incomplete Interlobar Fissure of the Lung with 3D Analysis of Vascular Structures Crossing the Fusion Area
Hldeaki Otsuji / *Himeji Medical Center*
- REE015** Imaging Findings of Surgically Resected Pulmonary Infections: Including a Review of Surgically Resected Non-Tuberculous Mycobacterial Infection Cases
Karen Shimura / *University Of Yamanashi Hospital*
- REE016** Radiological Patterns and Screening Challenges of Lung Cancer in the Asian Context
Srujana Ganti / *Sengkang General Hospital*
- REE017** Dynamic Contrast-Enhanced CT of Thoracic Tumors: Protocols, Enhancement Patterns, and Radiologic-Pathologic Correlation
Midori Ueno / *The University of Osaka Graduate School of Medicine*
- REE018** Look Beyond the Lumen: Systematic Diagnosis of Intra-bronchial Masses
Ippei Morisawa / *Nara Medical University*
- REE019** Pictorial Essays on Pulmonary Vascular Diseases
Satoko Makimoto / *Okayama University*
- REE020** Dynamic Digital Radiography for the Evaluation of Diaphragmatic Motion and Diagnosis of Phrenic Nerve Palsy
Nanae Tsuchiya / *University of the Ryukyus.*

4. Cardiovascular

- REE021** Clinical Role of Myocardial Delayed Contrast-Enhanced CT in Ischemic Heart Disease
Seitaro Oda / *Kumamoto University*
- REE022** Aortic Alarm: Radiologic Insights Into Acute Aortic Emergencies You Can't Afford to Miss
AKSHAY DIPAKRAO WAKADE / *Woodlands Health, Singapore*
- REE023** Imaging and Clinical Findings of Congenital Anomalies of the Inferior Vena Cava
Tamaki Ichikawa / *Tokai University School of Medicine*
- REE024** From Recognition to Differentiation: the Role of Multimodality Imaging in Cardiac Hypertrophy
Osamu Manabe / *Jichi Medical Center Saitama Medical Center*

5. Hepatobiliary and Pancreas

- REE025** A Comprehensive Review of Clinical and Radiological Insights Into Functioning Pancreatic Neuroendocrine Neoplasms
Yukihisa Takayama / *Fukuoka University*
- REE026** Scirrhous Hepatocellular Carcinoma Associated with Hepatic Vena Cava Syndrome
Ichiro Suzuki / *Hospital de Alta Complejidad en Red El Cruce*
- REE027** Early Pancreatic Cancer: Clinical Implication, Workup, and Imaging Findings with Pathologic Correlation for Personalized Surveillance
Shintaro Kano / *National Center for Global Health and Medicine*

- REE028** Complications after Liver Transplantation: Imaging Findings on Various Imaging Modalities.
Elizabeth Hui Ting Cheong / *Singapore General Hospital*

6. Gastrointestinal

- REE029** Bowel Obstruction on CT: Imaging Findings, Pitfalls, Tips and Tricks
Shuyi Guo / *Singapore General Hospital*
- REE030** Imaging to Incision: MRI For Perianal Fistula Planning
Ummara Siddique / *Rehman Medical Institute Peshawar*
- REE031** Preoperative MRI T/V Scoring Outperforms CT in Esophageal Cancer Staging
Yumiko Kono / *Kansai Medical University*
- REE032** Bowel Wall Thickening Revisited: Interpretation Based on Extramural Findings and Clinical History
Akitoshi Inoue / *Shiga University of Medical Science*
- REE033** Essential Preoperative Imaging Findings in Pancreatic Disease
Akihiko Kanki / *Kawasaki Medical School*

7. Uroradiology and Retroperitoneum

- REE034** MR Imaging of Testicular Tumors
MOTOAKI SATO / *Kamagaya General Hospital*
- REE035** IgG4-related Disease in the Urinary Tract; Imaging Findings and Mimickers
Fumiko Yagi / *Keio University School of Medicine*
- REE036** Urachal Lesions and Their Mimics: An Embryologic Approach to Midline Lesion Imaging
Naoya Ebisu / *Kobe University School of Medicine*
- REE037** Microvascular Flow Imaging for Testicular Disease: A Case-Based Teaching Exhibit on the Ultrasound-based Diagnostic Approach
Arisa Kameda / *Nara Medical University*

8. Obstetrics/Gynecology

- REE038** Hypointense Adnexal Lesions on T2-weighted MR Images
Hiroshi Nobusawa / *Ota Ikegami Hospital*
- REE039** Cesarean Scar Disorder (CSDi): From Concept Elucidation to Diagnosis and Treatment
Ayumi Seko-Nitta / *Shiga University of Medical Science*
- REE040** Ovarian Tumor Mimickers on MRI: A Quiz Based Differential Diagnosis Review
EITO KOZAWA / *Saitama Medical University*
- REE041** Ultrasound and MRI in Ectopic Pregnancy: Imaging Spectrum and Diagnostic Complementarity
Shigenobu Motoshima / *Kokura Medical Center*
- REE042** Challenging Mimickers in the Diagnosis of Gynecologic Diseases: Learning from Case-Based Comparisons
Mayumi Takeuchi / *Tokushima University*
- REE043** MRI Evaluation of Placenta Accreta Spectrum: from Fundamental Concepts to Emerging Imaging Findings
Yuko Iraha / *University of the Ryukyus*

- REE044** Imaging Spectrum in Secondary Uterine Tumors: Where Are You from?
Haruka Kaku / *Kurashiki Central Hospital*

- REE045** Acute Abdomen: Imaging Diagnosis of Gynecologic Emergencies
Rika Yoshida / *Shimane University, Faculty of Medicine*

- REE046** A Diagnostic Clue to Resolve Cancers of Unknown Primary in the Female Pelvis; Who is the Puppet Master?
Takashi Koyama / *Kurashiki Central Hospital*

- REE047** Imaging of Endometriosis in Unusual Locations: A Pictorial Review of MRI and CT Findings
Hideyuki Fukui / *Osaka University Graduate School of Medicine*

- REE048** Ten Imaging Features for the Diagnosis of Adult Granulosa Cell Tumors
Mayu Hattori / *Gifu University*

9. Breast Imaging

- REE049** A Case-based Review of the Diagnostic Roles of Mammography and Ultrasound in Breast Disease, with Emphasis on Ultrasound
Takahiro Itoh / *Nara Medical University*

10. Musculoskeletal

- REE050** Upright MDCT Imaging for the Musculoskeletal System
Yoshitake Yamada / *Keio University School of Medicine*
- REE051** Spine: Post-operative Images
Hyo Jin Kim / *SMG-SNU Boramae Medical Center*
- REE052** Role of CT in Rheumatology Imaging
Bimal Mayur Kumar Vora / *Singapore General Hospital*
- REE053** Liposarcoma Update -Radiologic-Pathologic Correlation based on the WHO 2020 Classification (5th Edition) Subtypes, Practical Diagnostic Approach, and Differential Considerations-
Koichiro Mori / *Tokyo Metropolitan Komagome Hospital*
- REE054** Radiologic Spectrum of Adverse Drug Effect on Skeletal Muscles: Good Medicine Also Makes Muscle Pain.
Yoshiyuki Dohata / *Kurashiki Central Hospital*
- REE055** Spectrum of Undifferentiated Small Round Cell Sarcomas: A Radiologic-Pathologic Correlation in the Era of WHO Classification 5th Edition (2020)
Koichiro Mori / *Tokyo Metropolitan Komagome Hospital*
- REE056** Kidney Bones: Imaging the Musculoskeletal Impact of Chronic Kidney Disease
Alvin Logronio / *National Kidney and Transplant Institute*

11. Pediatric Radiology

- REE057** The Etiology of the Seizure According to Age in Pediatric Patients: Focus on MRI
Hye Na Jung / *Korea University College of Medicine*
- REE058** Dynamic Pediatric Organ Hypermobility: A Multimodality Four-Pattern Framework
Katsutoshi Horiuchi / *Nara Medical University*

12. Whole Body

- REE059** Early Experience with Heterogeneous Imaging Sequences using Dual AI (Smart Speed PRECISE)
Taro Takahara / *Takahara Clinic Innovative Scan*
- REE060** Imaging Visceral Disseminated Varicella-Zoster Virus Infection
Hiroshi Baba / *Nakatsu Municipal Hospital*
- REE061** Why Do Lesions Appear Dark on T2 and Bright on CT? A Mechanism-Based, Cross-Organ Diagnostic Approach
Orito Ikeda / *Keio University School of Medicine*
- REE062** Imaging in Rheumatoid Arthritis: What Radiologists Should Know for Clinical Practice
Toru Kanno / *Dokkyo Medical University*
- REE063** The ISSVA Classification 2025 Updates and Radiological Features of Vascular Anomalies.
Taketo Suto / *Gifu University*
- REE064** Decoding Bone Marrow's "Cells at Work" with PET/MRI: DWI Reflects Erythropoiesis, While FDG Uptake Correlates with Granulopoiesis and Thrombopoiesis
Sayuri Hakoda / *University of Fukui*
- REE065** Imaging Manifestations of Tuberculosis: Insights from Pulmonary and Extrapulmonary Presentations
Juan Pablo Laprovitta / *Hospital de Alta Complejidad en Red El Cruce*

13. Emergency Radiology

- REE066** Early Diagnosis of Postoperative Abscess by CT and Its Imaging Characteristics
Yutaka Ueno / *Kansai Medical University*

14. Diagnostic Radiology: Miscellaneous

- REE067** The Measures We Take to Prevent Oversights in Diagnostic Imaging
Taichi Kurose / *Hiroshima Memorial Hospital*

15. NM: Neuroradiology

- REE068** From Metabolism to Molecular Targets: Nuclear Neuroimaging Applications in Central Nervous System Disorders
Parth Patel / *Mayo Clinic*

16. NM: Head and Neck

- REE069** FDG-PET/CT Evaluation of Non-Squamous Cell Carcinomas of the Head and Neck: Educational Insights with Reference to CIRT and ICI Cases
Ayako Hino / *Yokohama City University Medical Center*

17. NM: Whole Body

- REE070** Modern Imaging for Multiple Myeloma: A Pictorial Essay on Whole-Body CT, PET/CT and Beyond
Yiu Ming Khor / *Singapore General Hospital*

18. NM: Miscellaneous

- REE071** Clinical Utility of ⁶⁷Ga SPECT/CT for the Non-Invasive Assessment of Immune-Related Adverse Events in Immune Checkpoint Inhibitor Therapy
Hiroto Kasai / *Tokushima University Hospital*
- REE072** Nodal Evaluation by Digital PET/CT; Is It Too Much of a Good Thing?
Hiroki Tanaka / *Kurashiki Central Hospital*

19. Interventional Radiology

- REE073** Modification of the Tail of a 0.035-inch Guidewire for Endovascular Procedures: Practice and Application of the HIP Technique
Yuya Koike / *Nihon University Itabashi Hospital*
- REE074** Complications of Thyroid Ablation: A Literature and Experience-Based Perspective
Pi-Ling Chiang / *Pingtung Christian Hospital*
- REE075** Role of Interventional Radiology in Musculoskeletal Oncology and Pain Palliation
Jin Rong Tan / *Singapore General Hospital*
- REE076** Percutaneous Sclerotherapy for Hepatic and Renal Cysts
Hiroshi Anai / *Nara City Hospital*

General Technical Exhibition Presentation (Electronic Poster + Core Time Demonstration)

April 18 (Sat.)

CoreTime

11:00-11:45,14:00-15:00 (Marine Lobby)

- RPE001 Real-Time Cross-Device Sharing of Radiological Anatomy Teaching Content on Mixed Reality Via Lightweight UDP Broadcast
Naoki Yoshioka / Narita Hospital, International University of Health and Welfare
- RPE002 A “Lottery” System for Radiology: Using Random Case Allocation to Address Cherry-Picking and Workload Disparity
Masahiro Yakami / Kyoto University Hospital
- RPE003 An LLM-Based System for Supplementing Negative Findings and Generating Complete Radiology Reports from Positive Findings.
Yuki Sonoda / The University of Tokyo
- RPE004 On-premises Large Language Model Construction Via the Radiotherapy Information System at the Nagaoka Red Cross Hospital.
Takeshi Ito / Japanese RedCross Society Nagaoka Hospital
- RPE005 A DICOM-SEG to Light-Field Rendering Pipeline for Autostereoscopic Anatomical Visualization
Vishal Patel / Mayo Clinic