

# Educational Exhibition Programs

April 12 (Thu.)~April 15 (Sun.)

## Neuro/Head/Neck

- E001** Waste Clearance System in the Brain (Glymphatic System) and Gd Deposition of the Brain  
Toshiaki Taoka / Dept. of Radiology, Nagoya University
- E002** Presurgical Functional MRI: Requisites  
Shunji Mugikura / Diagnostic Radiology, Tohoku University
- E003** Imaging Findings of Focal Cortical Dysplasia Based on the New ILAE Classification  
Eriko Takabayashi / Dept. of Radiology, Asahikawa Medical university&Hospital
- E004** Imaging of Hypertrophic Pachymeningitis with ANCA-associated Vasculitis  
Mariko Doai / Dept. of Radiology, Kanazawa Medical University
- E005** Demonstration of Perforating Arteries by Ultra-High-Resolution Brain CT Angiography  
Miho Gomyo / Dept. of Radiology, Kyorin University Faculty of Medicine
- E006** The Significance of MR Imaging in Diagnosis of Facial Palsy  
Ayumi Kato / Dept. of Radiology, Faculty of Medicine, Tottori University
- E007** Neuroimaging in Traumatic Head Injure: Dual Energy CT  
Norihiro Naruto / Dept. of Radiology, Univ. of Yamagata
- E008** Clinical Imaging in Acute Ischemic Stroke  
Masahiro Nawata / Dept. of Radiology, Tominaga Hospital
- E009** Structural and Functional Imaging in Autosomal Dominant Spinocerebellar Degeneration in Japan  
Makoto Ochi / Dept. of Radiology, Nagasaki Kita Hospital
- E010** Temporal Bone CT Evaluation of Middle Ear Cholesteatoma Using Ultra-high-resolution CT  
Arisa Ohara / Dept. of Radiology, Kyorin University Faculty of Medicine
- E011** Pseudocontinuous Arterial Spin Labeling: Clinical Applications and Usefulness for Head and Neck Entities  
Maki Umino / Dept. Radiology, Mie University School of Medicine
- E012** MR and CT Angiography Findings of Common Carotid and Cervical Internal Carotid Artery Variations  
Akira Uchino / Dept. of Diagnostic Radiology, Saitama Medical University International Medical Center
- E013** Imaging Characteristics of Malignant Sinonasal Tumors  
Akiko Kato / Dept. of Radiology, Gifu University School of Medicine
- E014** Central Skull Base Lesions: Anatomy, Tumor and Tumor-like Lesions  
Ayano Ishiyama / Dept. of Radiology, Nagasaki University Hospital

- E015** Clinical Utility of Perfusion CT for Treatment Strategy in Head and Neck Squamous Cell Carcinoma  
Munetaka Matoba / Dept. of Radiology, Kanazawa Medical University

- E016** Diplopia: CT and MR Imaging Diagnosis  
Yosuke Kano / Dept. of Radiology, Kitasato University School of Medicine

## Chest

- E017** Pulmonary Anatomical Points for Lobectomy  
Hideaki Otsuji / PET Nishinokyou Hospital
- E018** Imaging Findings of Lesions of the Pulmonary Vessels  
Yoshiyuki Ozawa / Dept. of Radiology, Nagoya City University Graduate School of Medical Sciences
- E019** Spectrum of Findings in Patients with Influenza Virus Associated Pneumonia  
Yuki Shiroma / Department of Radiology, University of the Ryukyus Hospital, Okinawa, Japan
- E020** Mycobacteriosis in Immunosuppressive Patients: Imaging Findings  
Kiyomi Furuya / Dept. Radiology, National Kyushu Medical Center
- E021** Do You Check Lines and Tubes on Routine Thoracic Imaging?  
Kengo Fujimoto / Dept. Radiology, Kagawa University School of Medicine
- E022** Pulmonary Nodules with Unexpected Diagnosis after Resection  
Hiromitsu Sumikawa / Department of Diagnostic Radiology, Osaka International Cancer Institute
- E023** High Resolution CT Findings of Diffuse Alveolar Hemorrhage (DAH)  
Fumi Kameda / Dept. of Radiology, Yamaguchi University Graduate School of Medicine.

## Cardiovascular

- E024** Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography: Past, Present and Future  
Hidenobu Takagi / Dept. of Radiology, Iwate Medical University
- E025** Hypoplastic Left Heart Syndrome. The Fundamental Knowledge of the Pathophysiology and Morphological Changes  
Norihiro Hashizume / Department of radiology, Showa University Northern Yokohama Hospital
- E026** Revisiting Normal Variants and Collateral Circulation of Renal Arteries after Embolization  
Shoichi Takekawa / Dept. of Diagnostic Radiology, Southern TOHOKU General Hospital
- E027** Spectrum of IgG4 Related Disease: Response to Steroid Therapy  
Motoaki Sato / Depart. of Radiology, Kamagaya General Hospital
- E028** Coronary Artery Calcification: What Radiologists Should Know  
Makoto Amanuma / Dept. of Radiology, Takase Clinic

- E029** Coronary Risk Factors: What and How Much to Consider for Assessment of Coronary CT Angiography  
Makoto Amanuma / *Dept. of Radiology, Takase Clinic*
- E030** Diagnostic Imaging of Heart Tumors and Mimicking Tumors  
Shunta Ishitoya / *Department of Radiology, Asahikawa Medical University, Asahikawa, Japan*
- E031** Aortic Disease in the Emergency Room: Pictorial Review  
Takashi Norikane / *Department of Radiology, Faculty of Medicine, Kagawa University*
- E032** Vascular Malformation: Aortic Arch Malformation and Inferior Vena Cava Malformation  
Ryuzo Sekiguchi / *Dept. of Radiology, Toho University Ohashi Medical Center*

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### Hepatobiliary/Pancreas

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- E033** How Do You Manage Hepatic Portal Venous Gas (HPVG)?  
Yuko Sano / *Dept. of Radiology, Kyoto Yamashiro General Medical Center*
- E034** CT and MRI Images of Pancreatic Neuroendocrine Tumors: Typical and Non-typical Images  
Akihiko Kanki / *Dept. of Radiology, Kawasaki Medical School*
- E035** Imaging of Pediatric and Adult Patients with Anomalous Pancreatobiliary Ductal Junction  
Takaharu Tsuda / *Dept of Radiology, Ehime University Graduate School of Medicine*
- E036** Imaging of IPMC: What the Radiologists Need to Know  
Reiji Sugita / *Dept. of Radiology, Sendai Open HP*
- E037** Hepatic Lesions Accompanied by Dilatation of the Intrahepatic Bile Duct  
Kiyohito Yamamoto / *Dept. of Radiology, Osaka Medical College*
- E038** Knack and Pitfalls of Interpretation of Gd-E0B-DTPA Enhanced MRI  
Kitao Azusa / *Department of Radiology, Kanazawa University Hospital*
- E039** Multimodality Imaging and Clinical Manifestations of Hepatobiliary and Pancreatic Mucinous Neoplasms  
Tetsuya Tachiiri / *Dept. of Radiology, Nara Medical University Hospital*
- E040** Imaging of Hypervascular Tumors of the Pancreas  
Yasuomi Fujimoto / *Dept. of Radiology, Asahikawa Medical College*

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### Gastrointestinal

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- E041** A New Diagnostic Standard Practice in Radiological Gastric Cancer Screening  
Takahiro Itoh / *Dept of Radiology, Nara Medical University*
- E042** Differentiation of Groin Masses: New Findings on the Discrimination Point of the Femoral Hernias  
Takashi Furuie / *Dept. of Radiology, Tokyo metropolitan Ohtsuka hospital*
- E043** Volvulus of the Gastrointestinal Tract: Clinical and Radiological Characteristics  
Kazuya Matsunari / *Dept. of Radiology, Showa University Northern Yokohama Hospital*

- E044** Imaging Manifestations of Hereditary Gastrointestinal Tract Diseases and Associated Lesions  
Hitoshi Abo / *Dept. Diagnostic Radiology, Toyama Prefectural Cent. Hospital*
- E045** Imaging of Lower Gastrointestinal Bleeding  
Eliko Tanaka / *Dept. of Radiology, Showa University Fujigaoka Hospital*
- E046** Diagnostic Recipe for Gastric Tumor: Correlation of Radiological Features with Histopathological Findings  
Kiyoyuki Minamiguchi / *Dept. of Radiology, Nara Medical University*

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### Uroradiology

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- E047** Clinical Utility of PI-RADS 2 Assessment: Correlation of Multiparametric MRI and PI-RADS Version 2 Assessment with Prostate Whole Mount Histology  
Takashi Tanaka / *Dept. of Radiology, Okayama University Hospital*
- E048** Detection and Characterization of Small Renal Cell Carcinoma ( $\leq 4\text{cm}$ ) on Non-Contrast CT  
Aiko Gohara / *Dept. of Radiology, Shimane University Faculty of Medicine*
- E049** Percutaneous Nephrolithotomy: Role of Multidetector Computed Tomography in Pre- and Post-Surgical Assessment  
Natsuko Kobayashi / *Dept. of Radiology, SUNY Upstate Medical University*

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### Obstetrics/Gynecology

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- E050** Clinical and Radiological Features of Urogenital Torsion  
Chisa Yoneima / *Dep. of Radiology, Nara Medical University*
- E051** The Supporting Structures of the Female Pelvis: Radiological and Pathological Features with Emphasis on MR Imaging  
Takeru Fukunaga / *Division of Radiology, Tottori University Faculty of Medicine*
- E052** Diagnostic and Therapeutic Strategy for Germ Cell Tumors of the Ovary  
Mayumi Takeuchi / *Dept. of Radiology, Tokushima University*

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### Breast

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- E053** Relationship between Breast MRI and Concept about Progression Pathways of Development of Invasive Cancer from DCIS  
Takayoshi Uematsu / *Dept. of Breast Imaging and Breast Intervention*
- E054** Imaging Findings of Benign Breast Lesions: Diagnostic Difficulty in Excluding Malignancy  
Yukihsa Takayama / *Dept. of Radiology, Kitakyushu Municipal Medical Center*
- E055** Appearance of Complex Cystic Breast Masses: Focusing on US and MRI  
Satoko Ishigaki / *Dept. of Radiology, Nagoya University Graduate School of Medicine*

## Musculoskeletal

- E056** Imaging Features of Primary Synovial Chondromatosis: Comparison with Histopathological Findings  
Ayako Mikoshi / Dept. of Radiology, National Defense Medical College
- E057** Imaging of Chest Wall Tumors and Tumor-like Lesions  
Naoki Kunitomo / Dept. of Radiology, Jichi Medical University School of Medicine
- E058** Ultrasonography Diagnosis of Superficial Soft-tissue Lesions: Clinicopathological Correlation with Imaging Findings  
Kohei Hamamoto / Dept. of Radiology, Saitama Medical Center, Jichi Medical University

## Pediatric

- E059** Xp, CT and MRI Imaging Characteristics of Pediatric Leukemia  
Satoshi Yabusaki / Dept. of Diagnostic and Interventional Radiology, Hokkaido University Hospital
- E060** Pathological Intracranial Calcification in Childhood: A Pictorial Review  
Shigeo Kuwashima / Department of Radiology Dokkyo Medical University
- E061** Rare Neurologic Complications of Pediatric Cancer  
Tetsuhiko Okabe / Dept. of Radiology, Yokohama City University
- E062** Fetal MRI: Minimal Essentials for Clinical Examination  
Katsutoshi Horiuchi / Department of Radiology, Nara Medical University

## Whole body

- E063** Possibility of Deep Learning Technique in CT Image Reconstruction  
Yuko Nakamura / Diagnostic Radiology, Hiroshima University
- E064** FAKE CASES That Mimic Localized Cellulitis  
Keita Inoue / Dept. Radiology, Otsu Red cross Hospital
- E065** Diagnostic Imaging of the Teratomas; What a Strange Tumor!  
Shinya Hattori / Dept. of Radiology, Chiba University Hospital
- E066** Imaging of Lipoma  
Naofumi Watanabe / Dept. of Radiology, Asahikawa Medical University

## Emergency

- E067** Diffuse Axonal Injury and Diffuse Vascular Injury: Pathological and Radiological Features  
Yumi Tai / Dept. of Radiology, Nara Prefectural Seiwai Medical Center
- E068** MR Imaging of Acute Abdomen Correlated with CT Imaging: A Pictorial Essay  
Akitoshi Inoue / Dept. of Radiology, Higashi-Ohmi General Medical Center

## Miscellaneous

- E069** Clinical Impacts of Ultra-high-resolution CT Combined with Iterative Reconstruction Algorithm  
Yuusuke Kinnoshita / Dept. of Radiology, Kyorin University Faculty of Medicine
- E070** Review of CT Imaging Related with Complications from the Administration of Iodinated Contrast Media  
Takayoshi Shinya / Dept. of Radiology, Okayama University Hospital
- E071** Pharmacological Prevention of Allergic-like Reactions Caused by Iodinated and Gadolinium-based Contrast Media: A Systematic Review  
Hiroyasu Umakoshi / Dept. of Radiology, Komaki City Hospital
- E072** Oft Overlooked Lesions of the Diaphragmatic Crura and Retrocrural Space  
Nishiyama Tomoya / Dept. of Radiology, St Luke's International Hospital
- E073** Imaging of Paraganglioma: A Comprehensive Review  
Shuji Nagata / Dept. of Radiology, Kurume University School of Medicine

## Nuclear Medicine

- E074** MRI and Nuclear Medicine Imaging Patterns of Frontotemporal Dementia  
Atsushi Nakanishi / Dept. of Radiology, Juntendo University School of Medicine
- E075** Test-retest Reproducibility of Specific Binding Ratio for DAT Scan by Using Bland-Altman Analysis  
Atsutaka Okizaki / Department of Radiology, Asahikawa Medical University
- E076** Usefulness of Gallium-67 Scintigraphy with CT and MRI Findings for Differentiation of Malignant Tumors and Inflammatory Lesions of the Jaws  
Ichiro Ogura / Radiology, The Nippon Dental University Niigata Hospital
- E077** The Effects of Apitherapy in Preventing Salivary Gland Disorder during I-131 Ablation in Patients with Differentiated Thyroid Cancer  
Michihiro Nakayama / Dept. of Radiology, Asahikawa Medical University
- E078** FDG-PET/CT Imaging of Tumor and Tumor-like Hepatic Lesions: Correlation between Uptake and the Molecular Mechanism  
Kumi Ozaki / Dept. of Radiology, Fukui Prefectural Hospital
- E079** Diagnosis of Recurrence and Metastasis of Prostate Cancer Using Nuclear Medicine Imaging  
Hayato Kaida / Dept. of Radiology, Kindai University Faculty of Medicine
- E080** FDG PET/CT Findings of Central Nerve System Lymphoma: A Pictorial Essay  
Koya Nakatani / Dept. of Diagnostic Radiology, Kurashiki Central Hospital
- E081** Pitfalls and Artifacts in the Interpretation of Oncologic FDG-PET/CT  
Mana Ishibashi / Dept. of Radiology, Tottori Univ.

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**Radiation Oncology**


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- E082** Diagnostic Imaging of Breast Cancer for Accelerated Partial Breast Irradiation (APBI)  
Kazunori Kubota / *Dept. of Diagnostic Radiology, Tokyo Medical and Dental University*

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**Interventional Radiology**


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- E083** Early Experiences in the Treatment of Hepatic Malignancy with Transarterial Chemoembolization (TACE) Using Drug-eluting Beads  
Kotaro Yasui / *IVR center, Okayama Saiseikai General Hospital*
- E084** TACE Marking of HCC by Diluted and Warmed Lipiodol Emulsion with Contrast Material for CT-guided RFA  
Taichi Kurose / *Dept. of Diagnostic Radiology, Hiroshima Prefectural Hospital*
- E085** Fundamentals of Imaging Strategies and Interventional Radiology Procedures for Gastrointestinal Arterial Bleeding for Trainees  
Satoru Morita / *Dept. of Diagnostic Imaging and Nuclear Medicine, Tokyo Women's Medical University Hospital*
- E086** Central Venous Access Port with Translumbar Inferior Vena Cava Cannulation  
Shuji Kariya / *Dept. of Radiology, Kansai Medical University*
- E087** CT Guided Biopsy for the Analysis of Epidermal Growth Factor Receptor (EGFR) T790M Mutation  
Miyuki Nakatani / *Dept. of Radiology, Kansai Medical University*
- E088** Two Ways to Make PVP Safe  
Hiroshi Nakatake / *Dept. of Radiology, NCGM*
- E089** Usefulness of Dynamic Density Optimization (DDO) in Venous Interventional Radiology (IVR) for the Purpose of Reducing Motion Artifacts  
Hidekatsu Tateishi / *Dept. of Radiology, Kyorin University Faculty of Medicine*
- E090** The Method of Virtual Liver Parenchymal Perfusion Using Existing 3-dimensional Workstation and Simulation Software in Conventional Transcatheter Arterial Chemoembolization  
Mitsuhiro Kinoshita / *Tokushima University Hospital*
- E091** Rationale of Biliary Stent with Antireflux System for Lower Biliary Obstruction  
Hiroshi Anai / *Dept. of Radiology and R&D Center for IVR, Nara City Hospital*
- E092** Novel Sedative Method for Interventional Radiology Procedures: Utility of Dexmedetomidine  
Emiko Chiba / *Dept. of Radiology, Saitama Medical Center, Jichi Medical University*
- E093** To Better Understand "Micro Balloon Catheter with a Side Hole."  
Kazuhiro Yamamoto / *Dept. of Radiology, Osaka Medical College*

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**Autopsy imaging**


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- E094** Post-mortem Imaging for Detecting the Cervical Spine Injuries; Utility, Pitfalls, and Promising Modalities  
Yohsuke Makino / *Dept. of Forensic Medicine, The University of Tokyo*

- E095** Roles of Postmortem Imaging Diagnosis in Medical Settings  
Seiji Shiotani / *Dept. of Radiology, Seirei Fuji Hospital*

- E096** Interpretation of Postmortem CT in the Forensic Field; When It's Helpful, When It's Not  
Maiko Yoshida / *Chiba University Center for Education and Research in Legal Medicine, Chiba, Japan*

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**IT/PACS/Education**


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- E097** Artificial Intelligence Using Neural Network Architecture For Radiology (AINNAR)  
Takuya Hiraishi / *Dept. of Radiology, NCGM*

- E098** Guide to Implementations of Deep Learning System in Radiology  
Naoki Yoshioka / *Diagnostic Radiology Center, Mita Hp., International University of Health and Welfare*

- E099** Artificial Intelligence Using Neural Network Architecture for Radiology (AINNAR): The Decoding of the Technical Terms in AI  
Fumiya Uchiyama / *Dept. of Radiology, NCGM*

- E100** Superficial Learning about "Deep Learning": What Radiologists Should Know  
Rintaro Ito / *Dept. of Radiology, Nagoya University School of Medicine*

- E101** Learning Materials Based on "Instructional Design" to Improve Educational Skills of Medical Doctors  
Shoko Ariyoshi / *Dept. of Radiology, Yamaguchi University Graduate School of Medicine*

- E102** How to Read Chest CT and MRI Films.: The First Step  
Jiro Terada / *Freelance*