

Educational Lecture

- **Educational Lecture 1** **April 11 (Thu.) 10:30-11:30 (Main Hall)**

「[MOC Requirements] Quality of Medical Care: Radiotherapy」

Chairperson: Kazuhiko Ueda (The Japanese Foundation for Cancer Research)

REL1-1. Information Security of Medical Institutes	Hiroshi Kondoh (Kyoritsu Memorial Hosp., JTJA)
REL1-2. Guideline for Remote Image Diagnosis	Atsutaka Okizaki (Asahikawa Med. Univ.)

- **Educational Lecture 2** **April 11 (Thu.) 10:30-11:30 (301)**

「Neuroradiology 1」

Chairperson: Harushi Mori (Jichi Medical Univ.)

REL2-1. Stroke Mimics: Before Making a Hasty Diagnosis.	Takashi Katsube (Shimane Univ.)
REL2-2. Stroke Chameleon: The Role of Neuroimaging	Aya M. Tokumaru (TMIG)

- **Educational Lecture 3** **April 11 (Thu.) 10:30-11:30 (302)**

「Musculoskeletal Radiology 1」

Chairperson: Kaoru Kitsukawa (Chiba Univ. Hosp.)

REL3-1. Imaging of the Hip Injuries and Fractures	Akitaka Fujisaki (UOEH)
REL3-2. Imaging of the Hip Arthropathies	Nozomi Oki (Nagasaki Univ.)

- **Educational Lecture 4** **April 11 (Thu.) 10:30-11:30 (303)**

「Radiation Oncology 1」

Chairperson: Shinji Sugahara (Tokyo Medical Univ., Ibaraki Medical Center)

REL4-1. Radiation Therapy for Breast Cancer	Mariko Kawamura (Nagoya Univ.)
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- **Educational Lecture 5** **April 11 (Thu.) 10:30-11:30 (304)**

「Chest Radiology 1」

Chairperson: Kana Ide (Ehime Univ. Hosp.)

REL5-1. Lung Cancer Screening	Makiko Murota (Kagawa Univ.)
REL5-2. Differential Diagnosis of Pulmonary Nodules with Chest CT	Hirokazu Watanabe (NCCH)

- **Educational Lecture 6** **April 11 (Thu.) 12:50-13:50 (Main Hall)**

「[MOC Requirements] Quality of Medical Care: Radiotherapy」

Chairperson: Ikuno Nishibuchi (Hiroshima Univ.)

REL6-1. Quality of Medical Care: Treatment	Kentaro Nishioka (Hokkaido Univ.)
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- **Educational Lecture 7** **April 11 (Thu.) 12:50-13:50 (301)**

「Cardiac Radiology 1」

Chairperson: Kaori Takada (Sakakibara Heart Institute)

REL7-1. Comprehensive Imaging Techniques in Cardiac CT	Kazuki Yoshida (Ehime Univ.)
REL7-2. Comprehensive Interpretation of Cardiac CT	Nobuo Tomizawa (Juntendo Univ.)

- **Educational Lecture 8** **April 11 (Thu.) 12:50-13:50 (302)**

「Breast Imaging 1」

Chairperson: Shuichi Monzawa (Shinko Hosp.)

REL8-1. Mammographic Features of Invasive Breast Carcinoma	Takeshi Kamitani (Kyushu Univ.)
REL8-2. Ultrasound Features of Invasive Breast Carcinoma of No Special Type	Hatsuko Nasu (Hamamatsu Univ.)

- **Educational Lecture 9** **April 11 (Thu.) 12:50-13:50 (303)**
- 「**Interventional Radiology 1**」 Chairperson: Masato Yamaguchi (Kobe Univ. Hosp.)
- REL9-1. Trauma IR : Practical Strategies and Tactics in Confronting Severe Trauma
Yoshiaki Ichinose (NHO Disaster Medical Center)
- REL9-2. Interventional Radiology for Non-traumatic Hemorrhage.
Yutaka Koide (Harima-Himeji General Medical Center.)
- **Educational Lecture 10** **April 11 (Thu.) 12:50-13:50 (304)**
- 「**Neuroradiology 2**」 Chairperson: Kumiko Ando (Kobe City Medical Center General Hosp.)
- REL10-1. Anatomy Necessary for Understanding Cerebrovascular Disease
Shunji Mugikura (Tohoku Medical Megabank Organization)
- REL10-2. Cerebrovascular Diseases Caused by Multisystem Disorder Koji Yamashita (Kyushu Univ.)
- **Educational Lecture 11** **April 11 (Thu.) 14:30-15:30 (301)**
- 「**Head and Neck Radiology 1**」 Chairperson: Naoko Saito (Juntendo Univ.)
- REL11-1. Oral Anatomy and Oral Cancer Imaging Ryo Yamakuni (Fukushima Medical Univ.)
- REL11-2. Post-treatment Imaging Evaluation of Oral Cancer Akira Baba (Jikei Univ.)
- **Educational Lecture 12** **April 11 (Thu.) 14:30-15:30 (302)**
- 「**Breast Imaging 2**」 Chairperson: Yuka Sawai (Osaka Breast Clinic)
- REL12-1. MRI Evaluation of Invasive Breast Cancer. Rie Ota (Tenri Hosp.)
- REL12-2. Diagnosis of Breast Cancer Spread with MRI - Focusing on Intraductal Components
Maki Kiba (KPUM)
- **Educational Lecture 13** **April 11 (Thu.) 14:30-15:30 (304)**
- 「**Pediatric Radiology 1**」 Chairperson: Atsuko Fujikawa (St. Marianna Univ. Hosp.)
- REL13-1. Upper Gastrointestinal Disorders in Neonates Yoshitomo Nakai (KPUM)
- REL13-2. Lower Gastrointestinal Disorders in Neonates
Shuhei Norimoto (Hyogo Prefectural Kobe Children's Hosp.)
- **Educational Lecture 14** **April 11 (Thu.) 16:00-17:00 (Main Hall)**
- 「**Artificial Intelligence (Administrator Training)**」 Chairperson: Takeharu Yoshikawa (The Univ. of Tokyo Hosp.)
- REL14-1. History and Future of Artificial Intelligence in Radiology Rintaro Ito (Nagoya Univ.)
- REL14-2. Management of Diagnostic Imaging Support Software using Artificial Intelligence-related Technologies
Masahiro Hashimoto (Keio Univ.)
- **Educational Lecture 15** **April 11 (Thu.) 16:00-17:00 (301)**
- 「**Head and Neck Radiology 2**」 Chairperson: Sho Koyasu (Kyoto Univ.)
- REL15-1. Diagnostic Imaging and Anatomy of Oropharynx Masaya Kawaguchi (Gifu Univ.)
- REL15-2. The Role of Diagnostic Imaging before and after Treatment of Oropharyngeal Cancer from the Standpoint
of Head and Neck Surgeon Kikuchi Masahiro (KCMCGH)

- **Educational Lecture 16** **April 11 (Thu.) 16:00-17:00 (302)**

Chairperson: Etsuko Imabayashi (Eli Lilly Japan K.K.)

「**Nuclear Medicine 1**」

REL16-1. Brain Nuclear Medicine in Neurodegenerative Diseases Yoshitaka Inui (Fujita Health Univ.)

REL16-2. Brain Nuclear Medicine Beyond Degenerative Diseases: An Overview Kota Yokoyama (TMDU)
- **Educational Lecture 17** **April 11 (Thu.) 16:00-17:00 (304)**

Chairperson: Wakako Ichida (Osaka Women's and Children's Hosp.)

「**Pediatric Radiology 2**」

REL17-1. Imaging of Pediatric Liver Tumors: Diagnosis and Staging of Hepatoblastoma Yuki Saito (St. Marianna Univ.)

REL17-2. Imaging Diagnosis of Non-neoplastic Hepatobiliary and Pancreatic Diseases in Children Takafumi Ono (Kurashiki Central Hosp.)
- **Educational Lecture 18** **April 11 (Thu.) 17:30-18:30 (Main Hall)**

Chairperson: Hiromitsu Hayashi (Nippon Medhical Sch.)

「**[MOC Requirements] Radiation Safety Protection 1**」

REL18-1. Task Shifting and Radiation Protection Aki Kido (Toyama Univ.)

REL18-2. Safe Use of Iodinated Contrast Media Seitaro Oda (Kumamoto Univ.)
- **Educational Lecture 19** **April 11 (Thu.) 17:30-18:30 (301)**

Chairperson: Nobue Uchida (Tokyo Saiseikai Central Hosp.)

「**Radiation Oncology 2**」

REL19-1. Radiotherapy for Gynecological Cancer Fumiaki Isohashi (Nara Medical Univ.)
- **Educational Lecture 20** **April 11 (Thu.) 17:30-18:30 (302)**

Chairperson: Munenobu Nogami (Kobe Univ./ Univ. of Fukui)

「**Nuclear Medicine 2**」

REL20-1. Utility and Pitfalls of FDG PET in Tumor Diagnosis Michihiro Nakayama (Asahikawa Medical Univ.)

REL20-2. Somatostatin Receptor Scintigraphy Atsushi Yoshida (OMU)
- **Educational Lecture 21** **April 11 (Thu.) 17:30-18:30 (303)**

Chairperson: Kousei Ishigami (Kyushu Univ.)

「**Gastrointestinal Radiology 1**」

REL21-1. The Pathological Features of Pancreatic Diseases Kenichi Hirabayashi (Univ. of Toyama)

REL21-2. Imaging of Inflammatory Disease of the Pancreas Ryo Takaji (Oita Univ.)
- **Educational Lecture 22** **April 11 (Thu.) 17:30-18:30 (304)**

Chairperson: Harushi Mori (Jichi Medical Univ.)

「**Musculoskeletal Radiology 2**」

REL22-1. The Diagnostic Imaging of Bone Metastases Takuya Adachi (TMDU)

REL22-2. Imaging Diagnosis of Bone and Soft Tissue Infections Shimpei Akiyama (Kyoto Pref. Univ. of Medicine)
- **Educational Lecture 23** **April 12 (Fri.) 8:00-9:00 (National Convention Hall)**

Chairperson: Takashi Yoshiura (Kagoshima Univ.)

「**[MOC Requirements] Medical Ethics**」

REL23-1. Hunan Research Regulations, Up to Date: Research Regulations and Research Ethics Chieko Kurihara (Kanagawa Dental Univ)

- **Educational Lecture 24** **April 12 (Fri.) 8:00-9:00 (Main Hall)**
- 「**Neuroradiology 3**」 Chairperson: Chihiro Takahashi (Hakodate Central General Hosp.)
- REL24-1. Moyamoya Disease and Dural Arteriovenous Fistula Kyo Noguchi (Univ. of Toyama)
- REL24-2. Genetic and Inflammatory Cerebral Small Vessel Diseases Mikako Enokizono (TMCMC)
- **Educational Lecture 25** **April 12 (Fri.) 8:00-9:00 (301)**
- 「**Nuclear Medicine 3**」 Chairperson: Yuji Nakamoto (Kyoto Univ.)
- REL25-1. Radioisotope Therapy using I-131 and Ra-223 in the Actual Clinic. Shigeki Nagamachi (Fukuoka Univ.)
- REL25-2. Tips on How to Manage PRRT to Neuroendocrine Tumors Kimiteru Ito (NCCH)
- **Educational Lecture 26** **April 12 (Fri.) 8:00-9:00 (302)**
- 「**Genitourinary Radiology 1**」 Chairperson: Yoshihiko Fukukura (Kawasaki Medical Sch.)
- REL26-1. Adrenal Tumors: Medical Diagnosis and Treatment Approaches Sota Oguro (Tohoku Univ.)
- REL26-2. Imaging Diagnosis of Adrenal Disorders: Focus on CT, MRI, and Nuclear Medicine Kota Yokoyama (TMDU)
- **Educational Lecture 27** **April 12 (Fri.) 8:00-9:00 (303)**
- 「**Radiation Oncology 3**」 Chairperson: Tomoki Kimura (Kochi Univ.)
- REL27-1. Radiation Therapy for Benign Diseases Kenji Yoshida (Tottori Univ.)
- **Educational Lecture 28** **April 12 (Fri.) 8:00-9:00 (304)**
- 「**Interventional Radiology 2**」 Chairperson: Masahiro Tanabe (Yamaguchi Univ.)
- REL28-1. The Basics of Embolization of Visceral Aneurysms Toru Saguchi (Tokyo Medical Univ.)
- REL28-2. Actual Embolization Procedure of Visceral Artery Aneurysms Masamichi Koganemaru (Kurume Univ.)
- **Educational Lecture 29** **April 12 (Fri.) 9:30-10:30 (303)**
- 「**Radiation Oncology 4**」 Chairperson: Tatsuya Ohno (Gunma Univ.)
- REL29-1. Radiation Therapy for Hepatobiliary Cancers Kei Shibuya (Gunma Univ.)
- **Educational Lecture 30** **April 13 (Sat.) 8:00-9:00 (302)**
- 「**Genitourinary Radiology 2**」 Chairperson: Junko Takahama (Higashiosaka City Medical Center)
- REL30-1. Radiological Diagnosis of Emergencies in the Field of Obstetrics and Gynecology Nobuko Morisawa (Kyoto City Hosp.)
- REL30-2. Imaging Diagnosis and IVR for Postpartum Hemorrhage Shohei Toyoda (Nara Medical Univ.)
- **Educational Lecture 31** **April 13 (Sat.) 8:00-9:00 (303)**
- 「**Gastrointestinal Radiology 2**」 Chairperson: Yasunari Fujinaga (Shinshu Univ.)
- REL31-1. Imaging Diagnosis of Pancreatic Ductal Adenocarcinoma Fumihito Toshima (Kanazawa Univ.)
- REL31-2. Critical Point of the Diagnostic Imaging for the Safe Operation of the Pancreatic Cancer Kohei Nakata (Kyushu Univ.)

- **Educational Lecture 32** **April 13 (Sat.) 8:00-9:00 (304)**

「Radiation Oncology 5」 Chairperson: Hisanori Ariga (Iwate Medical Univ.)

REL32-1. Radioisotope Therapy -From Diagnostic Imaging to Recent Promising Therapies Kimiteru Ito (NCCH)
- **Educational Lecture 33** **April 13 (Sat.) 15:45-16:45 (Main Hall)**

「Radiation Oncology 6」 Chairperson: Yoshihito Nomoto (Mie Univ.)

REL33-1. Radiation Therapy for Pediatric Cancer Etsuyo Ogo (Kurume Univ.)
- **Educational Lecture 34** **April 13 (Sat.) 17:45-18:45 (304)**

「Chest Radiology 2」 Chairperson: Hidetake Yabuuchi (Kyushu Univ.)

REL34-1. Quantitative Analysis and Clinical Application of AI for Pulmonary Nodules Shingo Iwano (Nagoya Univ.)

REL34-2. Response Evaluation and Complications in Cancer Therapy Masahiro Endo (Shizuoka Cancer Cent.)
- **Educational Lecture 35** **April 14 (Sun.) 8:00-9:00 (301)**

「Gastrointestinal Radiology 3」 Chairperson: Tomoko Hyodo (Nihon Univ.)

REL35-1. Imaging Diagnosis of Rare Histologic Subtype of Pancreatic Carcinoma and Solid Pancreatic Neoplasms Yukihisa Takayama (Fukuoka Univ.)

REL35-2. Diagnostic Imaging of Pancreatic Cystic Lesion Kumi Ozaki (Hamamatsu Univ.)
- **Educational Lecture 36** **April 14 (Sun.) 8:00-9:00 (302)**

「Cardiac Radiology 2」 Chairperson: Noriko Oyama-Manabe (Jichi Medical Univ. Saitama Medical Center)

REL36-1. Introduction to Cardiac MRI in Ischemic Heart Disease Yasutaka Ichikawa (Mie Univ.)

REL36-2. Introduction to MRI for Cardiomyopathy Hiroki Nagayama (Nagasaki Univ.)
- **Educational Lecture 37** **April 14 (Sun.) 8:00-9:00 (303)**

「Interventional Radiology 3」 Chairperson: Rika Yoshimatsu (Kochi Health Sciences Center)

REL37-1. Interventional Radiology for Pelvic Congestion Syndrome Yoshimi Fujii (Fujisawa C.H.)

REL37-2. Spermatic Varicocele: Clinical Overview and Transcatheter Embolization. Yuichiro Izumi (Aichi Medical Univ.)
- **Educational Lecture 38** **April 14 (Sun.) 10:45-11:45 (304)**

「Chest Radiology 3」 Chairperson: Shuji Sakai (Tokyo Women's Medical Univ.)

REL38-1. Staging of Lung Cancer (T/N Factor Diagnosis) Hiroyuki Ishikawa (Niigata Univ.)

REL38-2. Imaging Diagnosis of Lung Cancer: How to Decipher Genetic Mutations Masahiro Yanagawa (Osaka Univ.)
- **Educational Lecture 39** **April 14 (Sun.) 14:15-15:15 (National Convention Hall)**

「[MOC Requirements] Radiation Safety Protection 2」 Chairperson: Yuko Nakamura (Hiroshima Univ.)

REL39-1. The Big Picture of Patient Safety. Yoshimasa Nagao (Nagoya Univ. Hosp.)

Seminar for Clinical Training Instructors (指導者講習会)

・ Seminar for Clinical Training Instructors(指導者講習会)1 April 13 (Sat.) 8:00-9:00 (301)

RLT1-1. 放射線科領域の専門医制度について

Yasushi Kaji (Shimane Univ.)

・ Seminar for Clinical Training Instructors(指導者講習会)2 April 14 (Sun.) 14:15-15:15 (304)

RLT1-2. 放射線科領域の専門医制度について

Kei Takase (Tohoku Univ.)

Image Interpretation Session

・ Image Interpretation Session April 13 (Sat.) 17:00-19:00 (Main Hall)

Question Master: Jun Hashiba (Chiba Univ. Hospittal)
Yukihiro Nagatani (Shiga Univ. of Medical Science)
Fumiko Yagi (Keio Univ.)
Yukino Sada (Nagasaki Univ. Hosp.)
Takahiro Hosokawa (Saitama Children's Medical Center)

Discussor: Takashi Shizukuishi (Tohoku Univ. Hosp.)
Shu Matsushita (Osaka Metropolitan Univ.)
Taketo Suto (Gifu Univ.)
Haruka Oku (Univ. of Occupational and Environmental Health)
Shuhei Norimoto (Hyogo Prefectural Kobe Children's Hosp.)

Educational Exhibition Programs

Neuroradiology

- REE001** Treatment Response Criteria in Neuro-Oncology: An Update for Radiologists
Akihiko Sakata / Dept. of Radiology, Kyoto Univ.
- REE002** Post-operative Epidural Fluid Collection Mimicking Epidural Abscess
Tetsuya Shimizu / Dept. of Radiological Sciences, David Geffen Sch. of Medicine, UCLA
- REE003** Medulloblastoma: Diagnostic Pitfalls in Imaging
Yoshiyuki Tsutsumi / Dept. of Diagnostic Radiology, Nat'l Cent. for Child Health and Development
- REE004** Identifying Atypical Cerebral Hemorrhage of Arteriovenous Fistula
Toshiteru Miyasaka / Dept. of Radiology, Nara Medical Univ.

Head and Neck

- REE005** Imaging Findings in Cases of Orbital Tumors
Kaori Kuriyama / Dept. of Radiology, Amagasaki General Medical Center
- REE006** Radiolucent Lesions of the Maxilla and Mandible: A Pictorial Review
Yoshiyuki Dohata / Dept. of Diagnostic Radiology, KCMCGH

Chest

- REE007** The Review of the HRCT Images of Pulmonary and Cardiac Diseases Exhibiting Ground Glass Opacity
Nobukata Kazawa / Dept. of Radiology, KMU
- REE008** Mediastinal Emphysema: Source, Mechanism, and Air Diffusion
Motoaki Sato / Dept. of Radiology, Kamagaya GH
- REE009** Clinical Comparative Study of Two Workstations for Pulmonary Arteriovenous Analysis
Hideaki Otsuji / Dept. of Diagnostic Radiology, Himeji Medical Center
- REE010** Necessity of Considering Imaging Feature Mechanisms: Lessons from the Early COVID-19 Pandemic Experience of Discerning Airborne Transmission Via CT Findings
Kae Yashiro / Dept. of Radiology, Hiratsuka City HP
- REE011** Hierarchical Phase-Contrast Tomography (HiP-CT) Opens Up New Worlds by Bridging Radiological and Histopathological Scale Information
Ryoko Egashira / Dept. of Radiology, Saga Univ.

Cardiovascular

- REE012** Cutting-Edge Diagnosis of Cardiac Sarcoidosis
Osamu Manabe / Dept. of Radiology, Jichi Saitama

- REE013** Imaging of Visceral Aneurysms
Naofumi Watanabe / Dept. of Radiology, Asahikawa Univ.

Hepatobiliary and Pancreas

- REE014** Hepatobiliary Phase Images of Gadoteric Acid-Enhanced MRI: Key Findings in Hepatic Mass Interpretation for Radiologists
Iyo Tanimura / Dept. of Radiology, Kanazawa Univ.
- REE015** Predictive Imaging Findings of Liver Malignancies in the Coming ERA of Personalized Therapy: What Radiologists Need to Know
Mariko Irizato / Dept. of Radiology, Aichi Cancer Hosp.
- REE016** Hyperintense Liver Lesions at the Hepatobiliary Phase of Gadoteric Acid-Enhanced MR Imaging: A Clinical Approach and Its Clinical Significance
Kumi Ozaki / Dept. of Radiology, Hamamatsu Univ.
- REE017** Imaging Diagnosis of Vascular Diseases of the Liver
Satoshi Kobayashi / Dept. of Radiology, Kanazawa Univ.

Gastrointestinal

- REE018** Appendix Vermiformis Revisited: Embryology, Anatomy, and Various Appendiceal Diseases
Hiroyuki Fujii / Dept. of Radiology, Jichi Univ.
- REE019** Paraduodenal Hernia with Midgut Malrotation, a Congenital Entrapped Bowel: Imaging and Embryology-Based Approach Using a Handcrafted Mesentery Model
Yuko Someya / Dept. of Radiology, Kobe City Medical Center General Hosp.

Uroradiology

- REE020** Anomalies of the Inferior Vena Cava and Renal Vein: Part 1
Hiroshi Nobusawa / Dept. of Diag. Radiol., Ota Ikegami Hp.
- REE021** Anomalies of the Inferior Vena Cava and Renal Veins: Part 2
Hiroshi Nobusawa / Dept. of Diag. Radiol., Ota Ikegami Hp.
- REE022** Upright CT Imaging for Evaluating Pelvic Floor and Voiding Dysfunction in Standing Position: Studies and Future Perspectives
Yoichi Yokoyama / Dept. of Radiology, Keio Univ.

Obstetrics/Gynecology

- REE023** Imaging Manifestations of Gynecologic Tumor-like Conditions and Pseudotumoral Lesions: Diagnosis, Pitfalls, and Therapeutic Strategy
Mayumi Takeuchi / Dept. of Radiology, Tokushima Univ.

REE024 Imaging Findings of Postpartum Complications: What Radiologists Should Know

Naoya Ebisu / Dept. of Radiology, Kobe Univ.

REE025 MRI and CT Imaging Findings of Ovarian Tumor Mimickers; What is the Differential Diagnosis?

Kaiji Inoue / Dept. of Radiology, Saitama Med. Univ.

REE026 WITHDRAWN**REE027** MRI of Variations in Placental Morphology and Umbilical Cord Insertion

Sakiko Kageyama / Dept. of Diagnostic Radiology, Tohoku Univ.

Breast Imaging**REE028** Diagnostic Findings in Patients after Breast Reconstruction Using Silicone Implants

Megumi Uemichi / Dept. of Radiology, Kameda MC

REE029 Imaging-Based Diagnosis of Breast Disease: Learning from Failures

Takahiro Itoh / Dept. of Diagnostic and Interventional Radiology, Nara Medical Univ.

REE030 Non-mass Lesions on Breast Ultrasonography Based on Anatomic and Histopathologic Knowledge

Takayoshi Uematsu / Dept. of Breast Imaging/Intervention Radiology

Musculoskeletal**REE031** Evaluation of Muscle Mass in Shoulder Joint Area and Application to Diseases

Keita Nagawa / Dept. of Radiology, Saitama Med. Univ.

REE032 Imaging Findings of Intra-Articular Tumor/Tumor-Like Lesions with Pathologic Correlation

Jun Tsukamoto / Dept. of Radiology, UOEH

Pediatric**REE033** Pediatric Congenital Heart Disease Imaging for Beginners

Yudai Asano / Dept. of Radiology, Okayama Univ.

REE034 Imaging Diagnosis of Meckel's Diverticulum and Its Complications

Takumi Shiohara / Dept. of Radiology, St. Marianna Univ.

REE035 Diagnostic Imaging of Peliosis Hepatis in Children Leading to Liver Transplantation

Reiko Okamoto / Dept. of Radiology, NCCHD

Whole Body**REE036** Imaging Modalities for Advanced Prostate Cancer: Discussion of the Follow-Up Period and the Need for a Database of Bone Metastases

Naoko Mori / Dept. of Radiology, Akita Univ.

Musculoskeletal**REE037** Creating Radiology Interpretation Reports in a Short Time by Making Extensive Use of Copy and Paste and Templates

Taichi Kurose / Dept. of Radiology Hiroshima Memorial Hosp.

Nuclear Medicine**REE038** F-18-FDG PET/CT Findings and Clinicopathologic/Endoscopic Features of Metastatic Tumors to the Stomach

Kazuyoshi Suga / Dept. of Radiology, St. Hill Hosp.

REE039 Usefulness of FDG-PET/CT for the Management of Malignant Lymphoma

Yoshihiro Okumura / Dept. of Radiology, KOkayama Kyokuto Hosp..

REE040 Current Application of Lymphatic Scintigraphy

Yuki Hoda / Dept. of Radiology, Nara Prefecture Seiwa Medical Center

REE041 Approaching Organ Complications in Fontan Postoperative Syndrome with Nuclear Medicine

Yoichi Otomi / Dept. of Radiology, Tokushima Univ.

Radiation Oncology**REE042** Low-Dose CT Protocol for Radiotherapy Planning for Head: A Phantom Study

Takayuki Mori / Dept. of Radiology, Gifu Univ.

IVR**REE043** Hepatic Vein Embolization: A New Technique to Enhance Compensatory Hepatomegaly for Major Hepatectomy

Kei Shibuya / Dept. of Diagnostic and Interventional Radiology, Gunma Univ.

REE044 Enhancing PICC Insertion and Management: Practical Insights from a Specialized Team

Takahiro Suzuki / Dept. of Radiology, Kameda Medical Center

REE045 Venous Sampling for ACTH-Producing Tumors: Practical Tips and Techniques

Mitsuhiro Kishino / Dept. of Radiology, TMDU

REE046 CT Angiography as Pre- and Postoperative Assessment for Interventional Radiology

Hiroshi Anai / Dept. of Radiology, Nara City Hosp.

Basic Science/Other**REE047** Dual-Energy CT: From the Basics with as Few Numerical Formulae as Possible

Motoko Konno / Dept. of Radiology, Akita Univ.

REE048 Python for Radiologists: Five Practical Benefits of Learning Python

Munemura Suzuki / SMil.Co.Ltd.

- REE049** Venipuncture by Radiologic Technologist: Initiatives and Challenges
Tomoyuki Noguchi / *Dept. of Radiology, Kyushu Medical Center*
- REE050** Shifting from Physician-Controlled Medical Care to Patient-Centered Care: What Diagnostic Radiology is Heading
Tomoyuki Noguchi / *Dept. of Radiology, Kyushu Medical Center*

Resident Seminar

• **Resident Seminar 1 April 13 (Sat.) 15:30-17:30 (304)**

「**Resident Seminar (Interventional Radiology and Radiation Oncology)**」

Chairperson: Reiko Woodhams (Kitasato Univ.)

Hidefumi Aoyama (Hokkaido Univ.)

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| RRS1-1. Vascular Interventional Radiology | Kazuki Hashimoto (St. Marianna Univ. Sch. of Medicine) |
| RRS1-2. Image-guided Biopsy and Ablation Therapies | Yusuke Matsui (Okayama Univ.) |
| RRS1-3. Radiation Therapy for Cervical Cancer | Miho Watanabe (Chiba Univ.) |
| RRS1-4. Radiotherapy for Oligometastatic Disease | Ikuno Nishibuchi (Hiroshima Univ.) |

• **Resident Seminar 2 April 14 (Sun.) 13:15-15:15 (303)**

「**Resident Seminar (Diagnostic Radiology)**」

Chairperson: Nobuyuki Shiraga (Toho Medical Center Omori Hosp.)

Hiroshi Oba (Teikyo Univ.)

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| RRS2-1. Overcoming Your Difficulties! An Encouragement of Learning for Neuroimaging | Taisuke Harada (Hokkaido Univ.) |
| RRS2-2. Imaging Diagnosis of Diffuse Lung Disease | Hiroaki Sugiura (National Defense Medical Col.) |
| RRS2-3. Abdominal CT Management: for Improving Diagnostic Performance | Tomoko Hyodo (Nihon Univ.) |
| RRS2-4. Diagnostic Imaging of Renal Masses: How to Avoid Common Pitfalls | Hiroataka Akita (Keio Univ.) |

Luncheon Seminar

· Luncheon Seminar 1: April 11 (Thu.) 11:45-12:35 (Main Hall)

「Overview and Key Points in the Interpretation of Amyloid-Related Imaging Abnormalities (ARIA)」

Moderator: Yoshiyuki Watanabe (Shiga Univ. of Medical Science)

Kohsuke Kudo (Hokkaido Univ.)

Sponsored by: Eisai Co.,Ltd./Biogen Japan Ltd.

· Luncheon Seminar 2: April 11 (Thu.) 11:45-12:35 (311+312)

「Amyloid PET Imaging for Therapy of MCI due to AD and Mild AD」

Moderator: Kenji Ishii (Tokyo Metropolitan Institute of Gerontology)

1. Essential Tips for Better Results of Amyloid PET Imaging Kei Wagatsuma (Kitasato Univ.)

2. Amyloid PET for Lecanemab Therapy Takashi Kato (National Center for Geriatrics and Gerontology)

Sponsored by: PDRadiopharma Inc.

· Luncheon Seminar 3: April 11 (Thu.) 11:45-12:35 (313+314)

「Introduction and Future of AI Diagnosis of Radiological Images」

Moderator: Yasuyuki Kobayashi (St. Marianna Univ.)

1. Ryo Sakamoto (Kyoto Univ. Hosp.)

2. Atsushi Takamatsu (Kanazawa Univ. Hosp.)

Sponsored by: LPIXEL Inc.

· Luncheon Seminar 4: April 11 (Thu.) 11:45-12:35 (315)

「Can Imaging AI Contribute to Improving Patient Outcomes? A Focus on Central Nervous System, Thoracoabdominal, and Musculoskeletal Soft Tissue」

Moderator: Kazuto Ashizawa (Nagasaki Univ.)

1. The Story Behind: The Initiation of AI Research by The Actuary Yujiro Otsuka (Plusman LLC)

2. Reliable Interpretation through Chest CT-AI and CXR-AI: Bridging the Gap from Avoiding Missed Critical Diagnoses to Enhancing Multimodal Cancer Care Sadayuki Murayama (Urasoe General Hosp.)

3. The History of AI Research in Medicine and Understanding of GPT-type Models
Kanako Kumamaru (Juntendo Univ./Medical Technology Innovation Center)

Sponsored by: Plusman LLC/Bayer Yakuhin Ltd

· Luncheon Seminar 5: April 12 (Fri.) 12:00-12:50 (Main Hall)

「Future-Focused CT Technological Advance」

Moderator: Osamu Abe (The Univ. of Tokyo)

1. New Thoracic Imaging with Motion Correction technic and Super-Resolution Deep- Learning Reconstruction
Yoshiyuki Ozawa (Fujita Health Univ.)

2. A Vision for Abdominal CT Imaging with AI Technologies Kojiro Suzuki (Aichi Medical Univ.)

3. The Current Status and Clinical Potential of Canon PCD-CT Tomoaki Sasaki (National Cancer Center Hosp. East.)

Sponsored by: CANON MEDICAL SYSTEMS CORPORATION

· Luncheon Seminar 6: April 12 (Fri.) 12:00-12:50 (301)

「**Neuroimaging Diagnosis of Brain Tumors 2024**」

Moderator: Yukio Miki (Osaka Metropolitan Univ.)

Ryo Kurokawa (The Univ. of Tokyo)

Sponsored by: Bayer Yakuhin, Ltd.

· Luncheon Seminar 7: April 12 (Fri.) 12:00-12:50 (302)

「**Clinical Insights into Dual Source CT: Continuous Innovation to Unlock New Clinical Capabilities**」

Moderator: Kakuya Kitagawa (Mie Regional Plan Co-creation Organization, Mie Univ./Mie Univ.)

1. The Next Evolutionary Step of Dual Source CT

Takeshi Hiwasa (Siemens Healthcare K.K.)

2. Clinical Excellence of the Novel Dual Source CT - Unveiling the New Pulse

Chiocchi Marcello (Univ. Hosp. Tor Vergata/ Casa di cura Villa Mafalda, Roma, Italy)

Sponsored by: Siemens Healthcare K.K.

· Luncheon Seminar 8: April 12 (Fri.) 12:00-12:50 (303)

「**Fujifilm's Medical AI Technology "REiLI" Frontline - Detection of Pancreatic Cancer from Non-Contrast CT Images and Vertebral Compression Fracture Detection**」

Moderator: Minako Azuma (Univ. of Miyazaki)

1. AI-Based CT Diagnostic System of Pancreatic Cancer -Extension Toward Noncontrast CT-

Keitaro Sofue (Kobe Univ. Hosp.)

2. Automatic Detection of Spine Compression Fracture using Artificial Intelligence

Yoshiyuki Watanabe (Shiga Univ. of Medical Science)

Sponsored by: FUJIFILM Medical Co., Ltd.

· Luncheon Seminar 9: April 12 (Fri.) 12:00-12:50 (304)

「**Image Diagnosis in Cardiac Area Learning from Experts - Tips for Upgrade of Your Diagnostic Skills-**」

Moderator: Shigeo Okuda (NHO Tokyo Medical Center)

1. You Can Do, If You Try Cardiovascular Imaging

Munemasa Okada (Yamaguchi Prefectural Grand Medical Center)

2. How to Review Cardiovascular Imaging

Daisuke Utsunomiya (Yokohama City Univ.)

Sponsored by: Guerbet Japan KK

· Luncheon Seminar 10: April 12 (Fri.) 12:00-12:50 (311+312)

「**New Horizon Contrast Enhancement**」

Moderator: Kazuo Awai (Hiroshima Univ.)

1. New Horizon Contrast Enhancement

Kyongtae Bae, Ty (Univ. of Hong Kong)

2. Optimization of Imaging Techniques CT Angiography

Fuminari Tatsugami (Hiroshima Univ.)

Sponsored by: Nemoto Kyorindo Co.,Ltd.

· Luncheon Seminar 11: April 12 (Fri.) 12:00-12:50 (313+314)

「The Role and Future Prospects of RT PACS in the Field of Radiation Therapy」

Moderator: Tokitaka Ueno (Fukuoka Univ. Hosp.)

1. Utilization Case of RT PACS in the Clinical Field of Radiation Therapy Sunao Ohkura (Kurume Univ. Hosp.)
2. The Benefits of Integrating and Managing Radiotherapy Treatment Plan Data Takashi Ito (INFINITT JAPAN Co., Ltd.)

Sponsored by: INFINITT JAPAN Co.,Ltd.

· Luncheon Seminar 12: April 12 (Fri.) 12:00-12:50 (315)

「Breaking New Ground in Cancer Treatment through BNCT」

Moderator: Jun Itami (Shin-Matsudo Accuracy Radiation Therapy Center, Shin-Matsudo Central General Hosp.)

1. Strategies to Expand Indications for Boron Neutron Capture Therapy Hiroshi Igaki (National Cancer Center Hosp.)
2. Experience of Boron Neutron Capture Therapy for Recurrent Breast Cancer after Radiotherapy Hiromasa Kurosaki (Edogawa Hosp.)

Sponsored by: HIMEDIC, Inc.

· Luncheon Seminar 13: April 12 (Fri.) 12:00-12:50 (416+417)

「Pioneering the Future of Medical Imaging: The Latest Technologies with Spectral CT and Multi-Nuclei MRI」

Moderator: Kousei Ishigami (Kyushu Univ.)

1. Spectral CT Utilization Techniques for Diagnostic Assistance Kazuhiro Katahira (Kumamoto Chuo Hosp.)
2. The View of Multi Nuclei MRI Satoshi Goshima (Hamamatsu Univ. Sch. of Medicine)

Sponsored by: Philips Japan, Ltd.

· Luncheon Seminar 14: April 12 (Fri.) 12:00-12:50 (F205+206)

「Abdominal Contrast Enhanced CT for the Coming Photon Counting Detector CT Era」

Moderator: Yasunari Fujinaga (Shinshu Univ. Sch. of Medicine)

Yuko Nakamura (Hiroshima Univ.)

Sponsored by: GE HealthCare Pharma Limited

· Luncheon Seminar 15: April 13 (Sat.) 12:00-12:50 (Main Hall)

「New Possibilities of Canon MRI with Deep Learning Reconstruction」

Moderator: Hiroyuki Ishikawa (Niigata Univ.)

1. Clinical Application of 1.5T High-Resolution MR Imaging with Super-Resolution Deep Learning Reconstruction Technology PIQE Kohei Hamamoto (Jichi Medical Univ. Saitama Medical Center)
2. New Possibilities for Body MRI with High-Resolution Imaging Atsushi Nakamoto (Osaka Univ.)

Sponsored by: CANON MEDICAL SYSTEMS CORPORATION

· Luncheon Seminar 16: April 13 (Sat.) 12:00-12:50 (301)

「Unrivaled Speed and Image Quality with Next Level 1.5T MRI」

Moderator: Kazunori Kubota (Dokkyo Medical Univ. Saitama Medical Center)

1. The Road Towards High Quality 1.5T MRI with Deep Resolve Hirokazu Yoshida (Akita Univ. Hosp.)
2. Utilizing Advanced 1.5T MRI – Including Deep Resolve Takahiro Otani (Akita Univ. Hosp.)

Sponsored by: Siemens Healthcare K.K.

· Luncheon Seminar 17: April 13 (Sat.) 12:00-12:50 (302)

「Abdominal Contrast-Enhanced CT : Current State and Challenges」

Moderator: Kousei Ishigami (Kyushu Univ.)

1. Hepatic Dynamic CT: Limitation of Conventional CT and Future Direction for the Era of Photon Counting Detector CT
Yuko Nakamura (Hiroshima Univ.)
2. Don't Miss Pancreatic Cancer: What We Need to Know About Imaging Findings on Contrast-Enhanced CT
Kumi Ozaki (Hamamatsu Univ. Sch. of Medicine)

Sponsored by: Fuji Pharma Co.,Ltd.

· Luncheon Seminar 18: April 13 (Sat.) 12:00-12:50 (303)

「Pearls and Pitfalls in Cardiovascular Magnetic Resonance」

Moderator: Noriko Oyama-Manabe (Jichi Medical Univ. Saitama Medical Center)

Hideki Ota (Tohoku Univ. Hosp.)

Sponsored by: Bracco Japan Co.,Ltd.

· Luncheon Seminar 19: April 13 (Sat.) 12:00-12:50 (304)

「Women's Imaging - Tips for Upgrade of your Diagnostic Skills -」

Moderator: Takatoshi Aoki (Univ. of Occupational & Environmental Health)

1. Invitation to Breast MRI Subspecialty - Sharing Tips and Pitfalls - Hiroko Satake (Nagoya Univ. Hosp.)
2. Penetrating the Essence of Pelvic Disease - Revelations from Acquired Images - Tsukasa Saida (Univ. of Tsukuba)

Sponsored by: Guerbet Japan KK

· Luncheon Seminar 20: April 13 (Sat.) 12:00-12:50 (311+312)

「Utilization of Quantitative Measures in Amyloid PET Visual Interpretation」

Moderator: Keiichiro Yamaguchi (St. Marianna Univ.)

Kenji Ishii (Tokyo Metropolitan Institute for Geriatrics and Gerontology)

Sponsored by: Nihon Medi-Physics Co.,Ltd.

· Luncheon Seminar 21: April 13 (Sat.) 12:00-12:50 (313+314)

「A new Clinical Approach Generated by the Dynamic Digital Radiography」

Moderator: Kei Takase (Tohoku Univ.)

1. Usefulness of Digital Chest Radiography in thoracic Surgery Shinsuke Uchida (Juntendo Univ. Sch. of Medicine)
2. Expectations for Dynamic Digital Radiography in the Intensive Care Unit Shu Onodera (Tohoku Univ. Hosp.)

Sponsored by: Konica Minolta Japan Co., Ltd.

· Luncheon Seminar 22: April 13 (Sat.) 12:00-12:50 (315)

「Innovations in General Radiographic Imaging Technology」

Moderator: Hiroya Ojiri (The Jikei Univ. Sch. of Medicine)

1. Imaging Transformation of Our General Radiography System Shuji Tanaka (Shimadzu Corporation)
2. Clinical Usefulness of Tomosynthesis in General Radiography Systems Takayuki Baba (Imamura General Hosp.)
3. Clinical Usefulness of Dynamic Digital Radiography in General Radiography Systems

Kouji Yamashita (Kyorin Univ. Hosp.)

Sponsored by: Shimadzu Corporation

· Luncheon Seminar 23: April 13 (Sat.) 12:00-12:50 (416+417)

「The present and Future Workflow of Radiogram Interpretation~Taking Advantage of AI Technology~」

Moderator: Masahiko Kusumoto (National Cancer Center Hosp.)

Natsuka Muraishi (St.Luke's International Hosp.)

Sponsored by: FUJIFILM Medical Solutions Corporation

· Luncheon Seminar 24: April 13 (Sat.) 12:00-12:50 (F205+206)

「Insights from Experts: Optimizing Diagnosis with the the Cutting-Edge MRI Technologies」

Moderator: Osamu Abe (The Univ. of Tokyo)

1. Improving Image Quality and Productivity of Cardiac MR using Deep Learning Reconstruction Makoto Orii (Iwate Medical Univ.)
2. Innovations in Diagnostic Imaging for the Brain/Head and Neck by AIR™ Recon DL and MR30 Applications Noriyuki Fujima (Hokkaido Univ. Hosp.)

Sponsored by: GE HealthCare Japan

· Luncheon Seminar 25: April 14 (Sun.) 12:00-12:50 (301)

「Contrast-enhanced CT of the abdomen -recent topic and interest-」

Moderator: Satoshi Kobayashi (Kanazawa Univ.)

Keitaro Sofue (Kobe Univ. Hosp.)

Sponsored by: Bayer Yakuhin, Ltd.

· Luncheon Seminar 26: April 14 (Sun.) 12:00-12:50 (302)

「Beyond the Apex of Radiation Diagnosis」

Moderator: Kei Takase (Tohoku Univ.)

1. The Synergy of the Industrial Fasted Rotation Speed and Snapshot Freeze2.0

Mitsunari Maruyama (Shimane Univ.)

2. The Clinical Value of Spectral Imaging -Confidence Brought by Innovation-

Yoshifumi Noda (Gifu Univ.)

Sponsored by: GE HealthCare Japan

· Luncheon Seminar 27: April 14 (Sun.) 12:00-12:50 (303)

「Fusion of AI and MRI Technologies」

Moderator: Kei Yamada (Kyoto Prefectural Univ. of Medicine)

1. Fujifilm's Goal For MRI Technologies

Hiroshi Narita (FUJIFILM Healthcare Corporation)

2. What Does the Innovatively Evolved MRI Bring to Clinical Practice?

Tetsuro Sekine (Nippon Medical Sch. Musashi Kosugi Hosp.)

Sponsored by: FUJIFILM Healthcare Corporation

· Luncheon Seminar 28: April 14 (Sun.) 12:00-12:50 (304)

「Preoperative Imaging Diagnosis of Intracranial Tumors」

Moderator: Noriko Aida (Kanagawa Children's Medical Center)

Minako Azuma (Univ. of Miyazaki)

Sponsored by: Bracco Japan Co.,Ltd.

· Luncheon Seminar 29: April 14 (Sun.) 12:00-12:50 (311+312)

「Embark upon a New Era of 4D Imaging」

Moderator: Noriko Oyama-Manabe (Jichi Medical Univ. Saitama Medical Center)

1. Revolution of Dynamic Imaging - PhyZio/Dynamics 2.0

Yamato Shimomiya (Ziosoft,inc.)

2. Our Muse, Ziostation REVORAS!

Michinobu Nagao (Tokyo Women's Medical Univ.)

Sponsored by: Ziosoft, Inc./AMIN Co.,Ltd.

· Luncheon Seminar 30: April 14 (Sun.) 12:00-12:50 (313+314)

「The Next Generation of CBCT Imaging Solution: Current Status and Future Direction」

Moderator: Katsuyuki Shirai (Jichi Medical Univ. Hosp.)

Mikio Nemoto (Jichi Medical Univ. Hosp.)

Sponsored by: Varian Medical Systems, Inc.

· Luncheon Seminar 31: April 14 (Sun.) 12:00-12:50 (315)

「Application of Image Sharpening Algorithms to Medical Imaging」

Moderator: Kazuo Awai (Hiroshima Univ.)

1. Concepts and Basic Techniques of Image Sharpening Algorithms Masahiro Kobayashi (Logic & Design)
2. Medical Applications of Image Sharpening Algorithms Hirokazu Inoue (Logic & Design)
3. Potential of Image Sharpening Algorithms in Radiological Medicine
Itsuko Okuda (International Univ. of Health and Welfare, Mita Hosp.)

Sponsored by: Logic & Design

· Luncheon Seminar 32: April 14 (Sun.) 12:00-12:50 (416+417)

「Treatment Strategies for Valvular Disease」

Moderator: Nobuo Tomizawa (Juntendo Univ.)

Go Hashimoto (Toho Univ. Ohashi Medical Center)
Kazutoshi Tachibana (Hakodate Goryoukaku Hosp.)

Sponsored by: CANON MEDICAL SYSTEMS CORPORATION

· Luncheon Seminar 33: April 14 (Sun.) 12:00-12:50 (419)

「Quantitative Technologies for Enhancing Diagnostic Accuracy in Treatment」

Moderator: Yoshiki Asayama (Oita Univ.)

1. CT for pulmonary artery embolism and liver cirrhosis Quantitative analysis using IQon Elite Spectral CT
Masahiro Okada (Nihon Univ.)
2. Assessment of Neurological Disorders with Multiparametric MRI: Exploring the Potential of Smart Quant Neuro
Akifumi Hagiwara (Juntendo Univ. Sch. of Medicine Juntendo Hosp.)

Sponsored by: Philips Japan, Ltd.

· Luncheon Seminar 34: April 14 (Sun.) 12:00-12:50 (F205+206)

「“Diagnostic Imaging Network Empowered by *Syngo.via*” -from Post-Processing to Diagnosis, Conventional CT to Photon-Counting CT NAEOTOM Alpha-」

Moderator: Takamichi Murakami (Kobe Univ.)

1. What can be done across CT scanners and across organizations to improve work efficiency, starting with *syngo.via*.
Ryoichi Yoshida (Tokai Univ. Hosp.)
2. Utilizing Photon Counting CT Data with *Syngo.via* and the Latest Findings from NAEOTOM Alpha Utilizing Photon Counting CT Data with *Syngo.via* and the Latest Findings from NAEOTOM Alpha
Tetsu Niwa (Tokai Univ. Sch. of Medicine)

Sponsored by: Siemens Healthcare K.K.