

II. JRS Activities

Special Lecture

- Special Lecture: April 14 (Fri.) 15:30-16:30 (National Convention Hall)

RSL. Near Infrared Photoimmunotherapy of Cancer

Moderator: Kazuo Awai (Hiroshima Univ.)
Hisataka Kobayashi (NCI/NIH, USA)

Honorary Invited Lecture

- Honorary Invited Lecture: April 15 (Sat.) 16:00-17:30 (National Convention Hall)

RHI-1. Imaging Diagnosis of Cholangiocarcinoma: Recent Advances and Challenges

Jeong Min Lee (Seoul National Univ. Hosp., Korea)

RHI-2. Lung Screening – What Needs to Be Done Next?

Mathias Prokop (Radboud Univ., the Netherlands)

RHI-3. Advances in the Diagnosis and Treatment of Prostate Cancer

Peter L. Choyke (National Cancer Institute, USA)

International Communication Session

- International Communication Session 1: April 14 (Fri.) 8:00-10:00 (304)

[RSNA/ARRS/ESR]

Moderator: Shinji Naganawa (Nagoya Univ.)
Kousei Ishigami (Kyushu Univ.)

RIC1-1. Value-based Radiology – A New Perspective on Service and Impact

Adrian Brady (Mercy Univ. Hosp. & Univ. Col. Cork, Ireland)

RIC1-2. Craniofacial Manifestations of Systemic Disorders

Osamu Sakai (Boston Medical Center, Boston Univ., USA)

RIC1-3. Pancreatic Cancer Imaging: Review of Current Status and Recent Advances

Satomi Kawamoto (Johns Hopkins Univ. School of Medicine, USA)

RIC1-4. Oncologic Precision Imaging & Theranostics

Umar Mahmood (RSNA Board of Directors, Liaison for International Affairs, Massachusetts General Hosp. and Harvard Medical School)

- International Communication Session 2: April 14 (Fri.) 16:45-18:45 (304)

[Respiratory Area]

Moderator: Noriyuki Tomiyama (Osaka Univ.)
Whal Lee (Seoul National Univ. Hosp., Korea)

RIC2-1. Imaging of Small Airways Diseases

Constance de Margerie (Hosp. Saint-Louis APHP-Univ. de Paris -Cité, France)

RIC2-2. Approach to Multinodular Disease

Okka Hamer (Univ. Medical Center Regensburg and Hosp. Donaustauf, Germany)

RIC2-3. Artificial Intelligence in Thoracic Imaging

Sukru Mehmet Erturk (Istanbul Univ. Istanbul School of Medicine, Turkey)

RIC2-4. Imaging of Pulmonary Infection

Gustavo Meirelles (Alliar Group., Brazil)

- International Communication Session 3: April 15 (Sat.) 13:30-15:30 (304)

[Pelvic Area]

Moderator: Satoru Takahashi (Takatsuki General Hosp.)
Yumiko Oishi-Tanaka (Cancer Institute Hosp. of JFCR)

RIC3-1. Current State of the Diagnostic Performance of MRI in the Detection of Recurrent Prostate Cancer after High-intensity Focused Ultrasound Ablation

Hyungwoo Ahn (Seoul National Univ. Bundang Hosp., Korea)

RIC3-2. Recent Updates in Imaging and Case-based Approach for Ovarian Lesions

Kye Jin Park (Asan Medical Centre, Korea)

RIC3-3. Imaging Diagnosis of Prostate Cancer: The Role of Multiparametric MR and PSMA PET Imaging

Shu-Huei Shen (Taipei Veterans General Hosp., Taiwan)

RIC3-4. Role of Multiparametric MRI in Staging and Treatment Planning of Cervical and Endometrial Cancer

Jin Wei Kwek (National Cancer Centre Singapore, Singapore)

- International Communication Session 4: April 15 (Sat.) 16:30-18:00 (304)
 「Central Nervous System」
 Moderator: Masafumi Harada (Tokushima Univ.)
 Kei Yamada (Kyoto Prefectural Univ. of Medicine)
- RIC4-1. High-field and Low-field MRI in Clinical and Scientific Neuroimaging
 Arnd Dörfler (Univ. Hosp. Erlangen, Germany)
- RIC4-2. Functional Neuroanatomy of the Cerebral Cortex
 Charles Mellerio (GHU Sainte Anne (Paris) / Centre Imagerie du Nord (Saint Denis), France)
- RIC4-3. Multiple Sclerosis: What Do We Know and What Is New
 Alessandra Splendiani (Univ. of L'Aquila, Italy)

The 5th Asia Radiology Summit

- The 5th Asia Radiology Summit: April 14 (Fri.) 10:00-12:00 (The Yokohama Bay Hotel Tokyu B2F Ambassador's Ballroom)
 「The Imaging Guidelines — Which One Do You Use and How?」
 Moderator: Kei Yamada (Kyoto Prefectural Univ. of Medicine)
 Yoshiyuki Watanabe (Shiga Univ. of Medical Science)
 Ayako Takahashi (Gunma Univ.)

Symposium

- Symposium 1: April 14 (Fri.) 9:30-11:30 (301)
 「Recent Cardiovascular Imaging Techniques – Key Lessons to Use Them in Clinical Practice」
 Moderator: Daisuke Utsunomiya (Yokohama City Univ.)
 Fuminari Tatsugami (Hiroshima Univ.)
- RSY1-1. Role of Stress Myocardial Perfusion MRI in the Diagnosis of Ischemic Heart Disease
 Shingo Kato (Yokohama City Univ.)
- RSY1-2. Use of CT Perfusion in Daily Clinical Practice
 Kakuya Kitagawa (Mie Univ.)
- RSY1-3. Dual-energy CT in the Heart Imaging
 Seitaro Oda (Kumamoto Univ. Hosp.)
- RSY1-4. PET/ SPECT in the Heart Imaging
 Kenji Fukushima (Fukushima Medical Univ.)
- RSY1-5. Utility of Intracoronary Imaging Techniques in the Clinical Practice: Comprehensive Evaluation with
 Intravascular Ultrasound and Optical Coherence Tomography
 Ryotaro Yamada (Kawasaki Medical Sch.)
- Symposium 2: April 14 (Fri.) 9:30-11:30 (302)
 「Clinical Application of New Diagnostic Images for Radiotherapy」
 Moderator: Yasushi Nagata (Hiroshima Univ.)
 Takashi Uno (Chiba Univ.)
- RSY2-1. New Technologies for CT
 Toru Higaki (Hiroshima Univ.)
- RSY2-2. Current Status and Future Prospects of Magnetic Resonance Image-Guided Radiotherapy
 Keiko Shibuya (Osaka Metropolitan Univ.)
- RSY2-3. Treatment Response Evaluation to the Radiation Therapy using FDG-PET
 Kazuhiro Kitajima (Hyogo Medical Univ.)
- RSY2-4. Application of Imaging Technology in Radiotherapy
 Noriyuki Kadoya (Tohoku Univ.)
- Symposium 3: April 14 (Fri.) 16:45-18:45 (302)
 「Update on Treatment Strategy for Esophageal Cancer」
 Moderator: Yoshinori Ito (Showa Univ. School of Medicine)
 Yuji Murakami (Hiroshima Univ.)
- RSY3-1. Treatment Strategy for Early Esophageal Cancer
 Katsuyuki Sakanaka (Kyoto Univ.)
- RSY3-2. Definitive Chemoradiotherapy for Resectable Advanced Esophageal Squamous Cell Carcinoma
 Chikatoshi Katada (Kyoto Univ. Hosp.)
- RSY3-3. Treatment Strategy for Unresectable Locally Advanced Esophageal Cancer
 Makoto Yamasaki (Kansai Medical Univ.)
- RSY3-4. The Emerging Role of Immunotherapy for Esophageal Cancer
 Hiroki Hara (Saitama Cancer Center)
- Symposium 4: April 15 (Sat.) 8:00-10:00 (Main Hall)
 「Next Generation of CT Technology」
 Moderator: Kazuo Awai (Hiroshima Univ.)
 Masahiro Jinzaki (Keio Univ.)
- RSY4-1. Image Reconstruction Methods for CT
 Toru Higaki (Hiroshima Univ.)
- RSY4-2. Upright CT Imaging
 Yoshitake Yamada (Keio Univ.)
- RSY4-3. Impact of Photon-counting CT on Clinical Practice
 Jun Hashimoto (Tokai Univ.)
- RSY4-4. Photon Counting CT: History, Physics and Applications
 Zhou Yu (Canon Medical Reserch USA, Inc., USA)

- Symposium 5: April 15 (Sat.) 9:30-10:30 (304)
 [Evidence-based Postmortem Imaging] Moderator: Hideki Hyodoh (Univ. of Fukui)
 Kohsuke Kudo (Hokkaido Univ.)
 - RSY5-1. Evidence-based Interpretation of Postmortem Images-Basic Postmortem CT Findings (Postmortem Changes and Additional Findings Modified by Cardiopulmonary Resuscitation)-
 Tomonori Murakami (Saiseikai Nagasaki Hosp.)
 - RSY5-2. Evidence-Based Utility of Postmortem CT
 Wataru Fukumoto (Hiroshima Univ.)
 - RSY5-3. Utility of “Evidence-based” Postmortem MRI
 Yohsuke Makino (The Univ. of Tokyo)

- Symposium 6: April 15 (Sat.) 10:00-11:30 (302)
 [Health Insurance: Current Status and Future Perspectives] Moderator: Masahiro Ida (Mito Medical Center)
 Toshinori Hirai (Kumamoto Univ.)
 - RSY6-1. Current Status and Future Perspectives of Health Insurance for Diagnostic
 Akihiro Machitori (National Center for Global Health and Medicine, Kohnodai Hosp.)
 - RSY6-2. Japan Ophthalmological Society’s Project for the Implementation of AI Medical Devices
 Masahiro Miyake (Kyoto Univ.)
 - RSY6-3. Current Status and Prospects of Insurance Medical Treatment from the Perspective of JIRA
 Akinori Kagitani (JIRA)
 - RSY6-4. Outlook for the Future of DataHealth of Japan
 Keiko Morimitsu (Ministry of Health, Labour and Welfare)

- Symposium 7: April 15 (Sat.) 13:30-15:00 (301)
 [An Update on Interventional Radiology for Portal Hypertension] Moderator: Takuji Yamagami (Kochi Univ.)
 Takuji Araki (Univ. of Yamanashi)
 - RSY7-1. Splenic Artery Embolization: Comparison of Proximal and Distal Embolization
 Keigo Chosa (Hiroshima Univ. Hosp.)
 - RSY7-2. Balloon-occluded Retrograde Transvenous Obliteration using Foam Sclerosants for Gastric Varices.
 Jun Koizumi (Chiba Univ. Hosp.)
 - RSY7-3. BRTO for Gastric Varices Other than Gastrorenal Shunt
 Akira Yamamoto (Osaka Metropolitan Univ.)
 - RSY7-4. Transcatheter Shunt Occlusion for Portosystemic Encephalopathy: Interventional Management and Clinical Outcome
 Kaoru Kobayashi (Hyogo Medical Univ., Kawanishi City Medical Center)
 - RSY7-5. IVR for Ectopic Varices
 Shuji Kariya (Kansai Medical Univ.)
 - RSY7-6. IR for Refractory Ascites Due to Portal Hypertension
 Masayoshi Yamamoto (Teikyo Univ.)
 - RSY7-7. Plug-assisted Retrograde Transvenous Obliteration (PARTO)/Coil-assisted Retrograde Transvenous Obliteration (CARTO) for Treatment of Gastric Varices
 Dong Il Gwon (Univ. of Ulsan, Asan Medical Center, Korea)

- Symposium 8: April 15 (Sat.) 15:30-16:30 (301)
 [Contrast Media Safety in Clinical Practice] Moderator: Ryohei Kuwatsuru (Juntendo Univ.)
 Hiromitsu Hayashi (Nippon Medical Sch.)
 Seitaro Oda (Kumamoto Univ. Hosp.)
 Hideki Ota (Tohoku Univ. Hosp.)
 Commentator: Yoshito Tsushima (Gunma Univ.)
 - RSY8-1. Safe Use of Iodinated Contrast Media
 - RSY8-2. The Use and Safety of Gadolinium Contrast

- Symposium 9: April 15 (Sat.) 16:30-18:00 (303)
 [Let’s Talk about Fascinating Radioisotope Therapy] Moderator: Seigo Kinuya (Kanazawa Univ.)
 Takashi Mizowaki (Kyoto Univ.)
 Tomo Hiromasa (Kanazawa Univ. Hosp.)
 Yusuke Iizuka (Shizuoka City Hosp.)
 Keiichi Jingu (Tohoku Univ.)
 - RSY9-1. Targeted Radioisotope Therapy for Neuroendocrine Tumors
 - RSY9-2. Expectations and Challenges for Radioisotope Therapy-Combined Use of High-precision External Beam Radiation Therapy and Dosimetry-
 - RSY9-3. Attractiveness of Radioisotope Therapy from the Perspective of Radiation Oncologists

- Symposium 10: April 16 (Sun.) 9:30-11:30 (Main Hall)
 [Imaging Diagnosis of Child Abuse; Its Reconfirmation and Proper Operation]
 Moderator: Eiji Oguma (Saitama Children's Medical Center)
 Mikiko Miyasaka (National Center for Child Health and Development)
 RSY10-1. Diagnostic Imaging of Child Abuse -Reconfirmation and Proper Operation-
 Eiji Oguma (Saitama Children's Medical Center)
 RSY10-2. Diagnostic Imaging of AHT Mikiko Miyasaka (National Center for Child Health and Development)
 RSY10-3. Skeletal Trauma in Child Abuse Rieko Furukawa (Jichi Children's Medical Tohigi)
 RSY10-4. Child Abuse from Forensic and Postmortem Imaging Perspective Yohsuke Makino (The Univ. of Tokyo)
 RSY10-5. Child Abuse -Current Issues- Eiji Oguma (Saitama Children's Medical Center)

- Symposium 11: April 16 (Sun.) 9:30-11:30 (301)
 [Radiation Safety in Medical Practice]
 Moderator: Yusuke Inoue (Kitasato Univ.)
 Kazuko Ohno (Kyoto Col. of Medical Science)
 Makoto Hosono (Kindai Univ.)
 RSY11-1. Diagnostic Reference Levels (DRLs)
 RSY11-2. Appropriate Pediatric Imaging without Unnecessary Radiation Exposure
 Noriko Aida (Kanagawa Children's Medical Center)
 RSY11-3. Radiation Protection in Interventional Radiology
 Masaaki Akahane (International Univ. of Health and Welfare)
 RSY11-4. Occupational Health and Safety Management Systems for Radiation Protection of Medical Staff
 Kazuko Ohno (Kyoto Col. of Medical Science)

- Symposium 12: April 16 (Sun.) 9:30-11:00 (302)
 [Latest Technology in Abdominal MR Imaging]
 Moderator: Kengo Yoshimitsu (Fukuoka Univ.)
 Hiromitsu Onishi (Osaka Univ.)
 RSY12-1. Efficacy of Deep Learning-based MRI Reconstruction for Improving the Image Quality of Abdominal MRI
 Yukihiisa Takayama (Fukuoka Univ.)
 RSY12-2. Current Advancement of Abdominal MRI, Especially with Respect to Dynamic Contrast-enhanced MRI
 Kazuki Oyama (Shinshu Univ.)
 RSY12-3. Towards Virtual Biopsies of Liver Tissues with MR Fingerprinting Shohei Fujita (The Univ. of Tokyo)
 RSY12-4. State-of-the-art Technology for High-resolution MR Imaging and Its Clinical Application to the Upper
 Abdomen Masahiro Tanabe (Yamaguchi Univ.)
 RSY12-5. New Techniques for Improvement of Detectability of Hepatic Tumors on Gadoteric Acid-enhanced
 Hepatobiliary Phase MR Images Yuko Nakamura (Hiroshima Univ.)
 RSY12-6. Advanced Diffusion-weighted Imaging of the Upper Abdomen: A Preliminary Study of Multidimensional
 Diffusion Encoding Katsuhiko Sano (Juntendo Univ.)

- Symposium 13: April 16 (Sun.) 9:30-11:00 (303)
 [How to Try Imaging Diagnosis for Dementia]
 Moderator: Kazunari Ishii (Kindai Univ.)
 Aya Tokumaru M. (Tokyo Metropolitan Geriatric Hosp. and Inst.)
 Hiroaki Kazui (Kochi Univ.)
 RSY13-1. Dementia Imaging Report Desired by Dementia Clinicians
 RSY13-2. The Role of MRI in Clinical Diagnosis of Dementia
 Keita Sakurai (National Center for Geriatrics and Gerontology)
 RSY13-3. Role and Limitations of SPECT in Dementia Yoshitaka Inui (Fujita Health Univ.)
 RSY13-4. Clinical Practice of FDG-PET, Amyloid PET, and Tau PET and Future Prospects of BrainPET in Dementia
 Etsuko Imabayashi (QST)

- Symposium 14: April 16 (Sun.) 9:30-11:30 (304)
 [New Era of Interventional Radiology: Artificial Intelligence and Robots] Moderator: Takao Hiraki (Okayama Univ.)
 Yasutaka Baba (Saitama Medical Univ. International Medical Center)
- RSY14-1. IVR Treatment Simulation using Computational Fluid Dynamics (CFD) and Optimization Methods using
 Artificial Intelligence Yasutaka Baba (Saitama Medical Univ. International Medical Center)
- RSY14-2. Imaging DX Making the Invisible Visible [Observation-Calculating-Visualizing]
 Hideo Yokota (RIKEN, Rap)
- RSY14-3. CT-guided Interventional Radiology using a Robot Takao Hiraki (Okayama Univ.)
- RSY14-4. Stereotactic Brain Tumor Surgery Based Upon Robot-assisted System
 Toshihiko Iuchi (Chiba Cancer Center)
- RSY14-5. Current Status and Challenges of Robotic-assisted PCI Yoshihiro Morino (Iwate Medical Univ.)

Special Program

- Special Program 1 (Diversity & Inclusion / Work style Reform Committee): April 14 (Fri.) 9:30-11:30 (Main Hall)
 [Support for Young/Mid-career Professionals: Career Development and Work-Life Balance]
 Moderator: Aki Kido (Kyoto Univ.)
 Shingo Kakeda (Hirosaki Univ.)
- RSP1-1. Introduction Noriko Aida (Kanagawa Children's Medical Center)
- RSP1-2. Career Development Support for Young Radiation Oncologists by Japanese Association for Women Radiation
 Oncologist Nobue Uchida (Tokyo Saiseikai Central Hosp.)
- RSP1-3. Diversity, Inclusion and Equity Promotion Initiatives at the Japanese Society of Neuroradiology
 Kumiko Ando (Kobe City Medical Center General Hosp.)
- RSP1-4. Efforts for Improvement at the Department of Radiology Minako Azuma (Univ. of Miyazaki)
- RSP1-5. Team Diversity Isn't Just about Gender Mitsunori Kanagaki (Amagasaki Medical Center)
 Commentator: Noriko Oyama-Manabe (Jichi Medical Univ. Saitama Medical Center)
 Hideki Ota (Tohoku Univ. Hosp.)
- Special Program 2: April 14 (Fri.) 9:30-11:00 (303)
 [Quantitative Imaging Biomarkers Alliance (QIBA) Progress Report 2023]
 Moderator: Takashi Yoshiura (Kagoshima Univ.)
 Ukihide Tateishi (Tokyo Medical and Dental Univ.)
- RSP2-1. Introduction Ukihide Tateishi (Tokyo Medical and Dental Univ.)
- RSP2-2. Attempts Toward Standardization in Breast MRI Mami Iima (Kyoto Univ. Hosp.)
- RSP2-3. Utilization of the Japan Medical Imaging Database (J-MID) and QIBA Kanako Kumamaru (Juntendo Univ.)
- RSP2-4. Activities for Standardization of MR and Ultrasound Elastography Mikio Suga (Chiba Univ.)
- Special Program 3 (Guidelines Committee): April 14 (Fri.) 16:45-18:45 (303)
 [Review and Future of Diagnostic Imaging Guidelines] Moderator: Kohsuke Kudo (Hokkaido Univ.)
 Masako Kataoka (Kyoto Univ.)
- RSP3-1. The Japanese Imaging Guideline: Emerging Challenges and Future Developments
 Masako Kataoka (Kyoto Univ.)
- RSP3-2. How to Develop and Implement Clinical Practice Guidelines: The Latest Methods
 Masashiro Yoshida (International Univ. of Health and Welfare)
- RSP3-3. Importance of Guidelines in Revision of Medical Payment System Toshinori Hirai (Kumamoto Univ.)
- RSP3-4. Problems to Make a Guideline of Diagnostic Imaging: Japanese Breast Cancer Society Clinical Practice
 Guideline for Breast Cancer Kazutaka Nakashima (Kawasaki Medical Sch.)
- RSP3-5. M3 Questionnaire Results in the Use of the Japanese Imaging Guideline (Interactive Session)
 Speaker of General Discussion: Masako Kataoka (Kyoto Univ.)
 Kanako Kumamaru (Juntendo Univ.)
 Yuko Iraha (Univ. of the Ryukyus Hosp.)
 Taisuke Harada (Hokkaido Univ.)

- Special Program 4 (JJR Seminar): April 15 (Sat.) 9:30-10:30 (301)
 [Key Points on How to Read, Write, and Peer-review Papers Regarding Diagnostic Imaging Using Artificial Intelligence]
 Moderator: Yukio Miki (Osaka Metropolitan Univ.)
 Shinji Naganawa (Nagoya Univ.)
- RSP4-1. Tips That Should Keep in Mind When Reading AI Papers in Medical Imaging Rintaro Ito (Nagoya Univ.)
- RSP4-2. Getting Your AI Articles Accepted: From Principles to Tips Daiju Ueda (Osaka Metropolitan Univ.)
- RSP4-3. Considerations on Reviewing Medical Imaging AI Papers Takeyuki Watadani (The Univ. of Tokyo)
- Special Program 5 (JCR Hour): April 16 (Sun.) 14:00-16:00 (302)
 [How to Reform Our Work in Radiology Departments] Moderator: Kei Yamada (Kyoto Prefectural Univ. of Medicine)
 Hideki Ota (Tohoku Univ.)
- RSP5-1. Introduction Kei Yamada (Kyoto Prefectural Univ. of Medicine)
- RSP5-2. A Consideration of How to Work in the Medical Field Haruko Noguchi (Waseda Univ.)
- RSP5-3. Landscape of Radiology Department and Use of RVU, in the Role-Based American Medical Practices
 Kyoko Matsuba (GE Healthcare Japan)
- RSP5-4. Accreditation System for Radiologists Hideki Ota (Tohoku Univ. Hosp.)
- RSP5-5. Experience Working in the United States as a Clinical Staff Kousei Ishigami (Kyushu Univ.)

Image Interpretation Session

- Image Interpretation Session: April 15 (Sat.) 18:00-20:00 (National Convention Hall)
 Moderator: Takashi Koyama (Kurashiki Central Hosp.)
 Yukiko Honda (Hiroshima Univ.)
- Question Master: Yasuhiro Sugai (Yamagata Univ.)
 Hidenobu Takagi (Tohoku Univ. Hosp.)
 Wataru Toshimori (Ehime Univ.)
 Naoko Mukuda (Tottori Univ.)
 Keita Sakamoto (Hokkaido Univ. Hosp.)
- Discussor: Maki Umino (Mie Univ. Hosp.)
 Makiko Murota (Kagawa Univ.)
 Fumiko Yagi (Keio Univ.)
 Naoko Nishio (Osaka Red Cross Hosp.)
 Nozomi Oki (Nagasaki Univ. Hosp.)

MRE Hands-on Seminar

- MRE Hands-on Seminar: April 14 (Fri.) 9:00-11:30 (315)
 April 15 (Sat.) 9:00-11:30 (315)
 General Manager, Instructor: Kengo Yoshimitsu (Fukuoka Univ.)
 Coordinator: Taro Igarashi (GE Health Care Japan)
- Instructor, Teaching Assistance: Kanae Moriyama (GE Healthcare Japan)
 Teaching Assistance: Shintaro Ichikawa (Hamamatsu Univ. Sch. of Medicine)
 Yukihisa Takayama (Fukuoka Univ.)
 Hiroyuki Morisaka (Univ. of Yamanashi)
 Akira Yamada (Shinshu Univ.)
 Hideaki Sato (GE Healthcare Japan)
 Fuminori Mori (GE Healthcare Japan)

Resident Seminar

- Resident Seminar 1: April 15 (Sat.) 13:30-15:30 (Main Hall)
 [Interventional Radiology and Radiation Oncology] Moderator: Koichiro Yamakado (Hyogo Medical Univ.)
 Tomoki Kimura (Kochi Univ.)
- RRS1-1. Transcatheter Arterial Therapy for Liver Tumor Hideyuki Nishiofuku (Nara Medical Univ.)
- RRS1-2. Tumor Ablation Haruyuki Takaki (Hyogo Medical Univ.)
- RRS1-3. Paradigm Shift in Radiotherapy for Distant Metastasis Yosuke Ota (Hyogo Cancer Center)
- RRS1-4. Radiation Therapy for Gastrointestinal Cancers
 Masahiro Kenjo (Hiroshima High-Precision Radiotherapy Cancer Center)

- Resident Seminar 2: April 16 (Sun.) 14:00-16:00 (301)
 「Diagnostic Radiology」 Moderator: Junko Takahama (Higashiosaka City Medical Center)
 Minako Azuma (Univ. of Miyazaki)
 RRS2-1. Pearls and Pitfalls in Diagnostic Imaging for Acute Abdomen Satoshi Yamauchi (Nara Medical Univ.)
 RRS2-2. Diagnostic Imaging of Genitourinary Emergencies : A Case-based Approach
 Kaori Yamada (Japanese Red Cross Kyoto Daiichi Hosp.)
 RRS2-3. Imaging Diagnosis of Common Cerebrovascular Diseases Miho Gomyo (Kyorin Univ.)
 RRS2-4. Imaging of the Chest and Mediastinum Mei Shimomura (Univ. of Miyazaki)

Educational Lecture

- Educational Lecture 1: April 13 (Thu.) 14:00-15:00 (Main Hall)
 「Cardiac Radiology 1」 Moderator: Michinobu Nagao (Tokyo Women's Medical Univ.)
 REL1-1. The Role of Cardiac MRI in the Era of the Heart Failure Pandemic Shingo Kato (Yokohama City Univ.)
 REL1-2. Nuclear Imaging for Cardiomyopathy Kenji Fukushima (Fukushima Medical Univ.)
- Educational Lecture 2: April 13 (Thu.) 14:00-15:00 (301)
 「Head and Neck Radiology 1」 Moderator: Etsushi Iida (Yamaguchi Univ.)
 REL2-1. Short Review of the Head & Neck Vascular Anatomy Including Its Dangerous Anastomoses for Interventional
 Radiology of the Head and Neck Takaaki Ueda (Yamaguchi Univ.)
 REL2-2. Imaging of Head and Neck Infections Koji Takumi (Kagoshima Univ.)
- Educational Lecture 3: April 13 (Thu.) 15:30-16:30 (Main Hall)
 「Cardiac Radiology 2」 Moderator: Hiromi Hashimura (Kobe Univ.)
 REL3-1. Role of CTA in Acute Aortic Dissection Hidenobu Takagi (Tohoku Univ. Hosp.)
 REL3-2. Diagnostic Imaging of Pulmonary Circulation Yuzo Yamasaki (Kyushu Univ.)
- Educational Lecture 4: April 13 (Thu.) 15:30-16:30 (301)
 「Head and Neck Radiology 2」 Moderator: Shinya Kakehata (Hirosaki Univ.)
 REL4-1. Tips of Clinical PET Imaging for Malignant Lymphoma in Head and Neck
 Kimiteru Ito (National Cancer Center Hosp.)
 REL4-2. Imaging of Cystic Lesions of the Neck Masazumi Matsuda (Akita Univ.)
- Educational Lecture 5: April 13 (Thu.) 15:30-16:30 (302)
 「Musculoskeletal Radiology 1」 Moderator: Taiki Nozaki (St.Luke's International Hosp.)
 REL5-1. Imaging of the Elbow Joint Takahide Kakigi (Kyoto Univ. Hosp.)
 REL5-2. Diagnostic Imaging of Hand and Wrist Pathologies Daichi Hayashi (Tufts Univ.)
- Educational Lecture 6: April 13 (Thu.) 17:00-18:00 (Main Hall)
 「Chest Radiology 1」 Moderator: Hidetake Yabuuchi (Kyushu Univ.)
 REL6-1. Diagnostic Imaging and MDD of IPF and Related Diseases (NSIP, Smoking-related Lung Disease (DIP,
 RBILD), ILA) Ryoko Egashira (Saga Univ.)
 REL6-2. Imaging of LIP, OP and OP Related Diseases Takeshi Johkoh (Kansai Rosai Hosp.)
- Educational Lecture 7: April 13 (Thu.) 17:00-18:00 (301)
 「Radiation Oncology 1」 Moderator: Shinji Sugahara (Tokyo Medical Univ., Ibaraki Medical Center)
 REL7-1. Radiotherapy for Brain Tumors Mayumi Ichikawa (Yamagata Univ.)
- Educational Lecture 8: April 13 (Thu.) 17:00-18:00 (302)
 「Musculoskeletal Radiology 2」 Moderator: Tsutomu Inaoka (Toho Univ. Sakura Medical Center)
 REL8-1. Muscle MR: Non-traumatic and Traumatic Lesions
 Yoshiko Hayashida (Univ. of Occupational and Environmental Health)
 REL8-2. Imaging of Non-Neoplastic Soft Tissue Lesion (2) Shuji Nagata (Kurume Univ.)
- Educational Lecture 9: April 13 (Thu.) 17:00-18:00 (303)
 「Nuclear Medicine 1」 Moderator: Yuka Yamamoto (Kagawa Univ.)
 REL9-1. ¹⁸F-FDG PET for Therapeutic Strategies Kana Yamazaki (QST)
 REL9-2. The Role of FDG PET/CT in Gynecological Malignancies Ryusuke Nakamoto (Kyoto Univ. Hosp.)

- Educational Lecture 10: April 13 (Thu.) 17:00-18:00 (304)
 「Breast Imaging 1」 Moderator: Yoshifumi Sugawara (Shikoku Cancer Center)
 REL10-1. Paradigm Shift of in Situ Lesion Classifications
 - from High and Low-grade Carcinoma to High-grade Carcinoma and Benign- and Low-grade Families -
 Rin Yamaguchi (Kurume Univ. Medical Center)
 REL10-2. Mammography for Diagnosing Ductal Carcinoma in Situ Mikinao Oiwa (Nagoya Medical Center)

- Educational Lecture 11: April 14 (Fri.) 8:00-9:00 (National Convention Hall)
 「[MOC Requirements] Medical Ethics」 Moderator: Atsushi Tani (Kagoshima Univ.)
 REL11-1. Hunan Research Regulations, Up to Date: Current Situations of Revised Ethical Guidelines and Clinical Trial
 Act Chieko Kurihara (Kanagawa Dental Univ.)

- Educational Lecture 12: April 14 (Fri.) 8:00-9:00 (Main Hall)
 「Neuroradiology 1」 Moderator: Harushi Mori (Jichi Medical Univ.)
 REL12-1. Diagnostic Imaging of Development and Anomalies of Spine -Focusing on Craniovertebral Junction-
 Shinya Hattori (Chiba Univ. Hosp.)
 REL12-2. Mechanisms and Origins of Lumbar Pain: Pathophysiological and Anatomic Approach to Imaging Diagnosis
 and Proper Treatment Yoshiaki Ota (Univ. of Michigan)

- Educational Lecture 13: April 14 (Fri.) 8:00-9:00 (301)
 「Radiation Oncology 2」 Moderator: Shinya Hayashi (Fujita Health Univ.)
 REL13-1. Radiotherapy for Malignant Lymphoma Senzo Taguchi (The Cancer Inst. Hosp. of JFCR)

- Educational Lecture 14: April 14 (Fri.) 8:00-9:00 (302)
 「Breast Imaging 2」 Moderator: Hiroko Kawashima (Kanazawa Univ.)
 REL14-1. Diagnostic Imaging of DCIS : Ultrasound Yumi Kokubu (The Cancer Inst. Hosp. of JFCR)
 REL14-2. Diagnostic Imaging of Ductal Carcinoma in Situ of the Breast: Ultrasound Imaging
 Kazuyo Yagishita (St Luke's International Hosp.)

- Educational Lecture 15: April 14 (Fri.) 8:00-9:00 (303)
 「Genitourinary Radiology 1」 Moderator: Yukiko Honda (Hiroshima Univ.)
 REL15-1. Diagnostic Imaging of Testicular Tumors Atsushi Nakamoto (Osaka Univ.)
 REL15-2. Extratesticular Masses Hiromi Edo (National Defense Medical Col.)

- Educational Lecture 16: April 14 (Fri.) 9:30-10:30 (National Convention Hall)
 「Infection Control」 Moderator: Katsuyoshi Ito (Yamaguchi Univ.)
 REL16-1. Current Issues in Infection Control and Prevention Hiroki Ohge (Hiroshima Univ. Hosp.)

- Educational Lecture 17: April 14 (Fri.) 10:30-11:30 (304)
 「Chest Radiology 2」 Moderator: Kana Ide (Ehime Univ. Hosp.)
 REL17-1. Smoking Related Lung Diseases Tae Iwasawa (Kanagawa Cardiovascular & Respiratory Center)
 REL17-2. 2020 ATS/JRS/ALAT Clinical Practice Guideline of Hypersensitivity Pneumonia
 Takeshi Kubo (Tenri Hosp.)

- Educational Lecture 18: April 14 (Fri.) 16:45-17:45 (Main Hall)
 「Genitourinary Radiology 2」 Moderator: Eito Kozawa (Saitama Medical Univ. Hosp.)
 REL18-1. Congenital Anomalies of the Female Reproductive Organs
 Sachimi Yamada (Japanese Red Cross Kyoto Daini Hosp.)
 REL18-2. Imaging of the Inflammatory Disease in the Pelvis Sodai Hoshiai (Univ. of Tsukuba)

- Educational Lecture 19: April 14 (Fri.) 16:45-17:45 (301)
 「Gastrointestinal Radiology 1」 Moderator: Yoshihiko Fukukura (Kawasaki Medical Sch.)
 REL19-1. Pathology of Diffuse Liver Disease Jun Akiba (Kurume Univ. Hosp.)
 REL19-2. Imaging of Liver Malformations, Morphological Abnormalities and Vascular Diseases
 Akihiko Kanki (Kawasaki Medical Sch.)

- Educational Lecture 20: April 15 (Sat.) 8:00-9:00 (National Convention Hall)
 - 〔[MOC Requirements] Radiation Safety Protection 1〕 Moderator: Masakazu Hirakawa (Kyushu Univ. Beppu Hosp.)
 - REL20-1. Levels and Effects of Radiation Exposure Due to the Fukushima Daiichi Nuclear Power Plant Accident. Naoyuki Yamamoto (Nuclear Safety Research Association)
 - REL20-2. Analysis of Death Cases in Contrast-enhanced CT Examination Hiromitsu Hayashi (Nippon Medical Sch.)

- Educational Lecture 21: April 15 (Sat.) 8:00-9:00 (302)
 - 〔Nuclear Medicine 2〕 Moderator: Ukihide Tateishi (Tokyo Medical and Dental Univ.)
 - REL21-1. PSMA Theranostics for Prostate Cancer Daiki Kayano (Kanazawa Univ.)
 - REL21-2. Peptide Receptor Radionuclide Therapy LUTATHERA Junichi Tsuchiya (Tokyo Medical and Dental Univ.)

- Educational Lecture 22: April 15 (Sat.) 8:00-9:00 (303)
 - 〔Radiation Oncology 3〕 Moderator: Tomoki Kimura (Kochi Univ.)
 - REL22-1. Radiotherapy for Esophageal Cancer Katsuyuki Sakanaka (Kyoto Univ.)
 - REL22-2. Radiotherapy for Rectal Cancer Yoshinori Ito (Showa Univ.)

- Educational Lecture 23: April 15 (Sat.) 8:00-9:00 (304)
 - 〔Pediatric Radiology 1〕 Moderator: Noriko Aida (Kanagawa Children's Medical Center)
 - REL23-1. Basics of Pediatric Brain and Spine Imaging Kumiko Ando (Kobe City Medical Center General Hosp.)
 - REL23-2. Pediatric Spine Lesions (Tumor, Inflammatory, and Congenital Anomalies) Takahiro Hosokawa (Saitama Children's Medical Center)

- Educational Lecture 24: April 15 (Sat.) 10:00-11:00 (303)
 - 〔Artificial Intelligence (Administrator Training)〕 Moderator: Shohei Hanaoka (The Univ. of Tokyo)
 - REL24-1. Management of Diagnostic Imaging Support Software using Artificial Intelligence-related Technologies Masahiro Hashimoto (Keio Univ.)
 - REL24-2. How We Can Make Use of Ever-evolving AI Systems Soichiro Miki (The Univ. of Tokyo Hosp.)

- Educational Lecture 25: April 15 (Sat.) 10:30-11:30 (Main Hall)
 - 〔Gastrointestinal Radiology 2〕 Moderator: Yuko Nakamura (Hiroshima Univ.)
 - REL25-1. Imaging Diagnosis of Diffuse Liver Diseases Keitaro Sofue (Kobe Univ. Hosp.)
 - REL25-2. Imaging of Acute Hepatitis and Chronic Hepatitis Katsuhiko Sano (Juntendo Univ.)

- Educational Lecture 26: April 15 (Sat.) 13:30-14:30 (302)
 - 〔Neuroradiology 2〕 Moderator: Akio Hiwatashi (Nagoya City Univ.)
 - REL26-1. Intramedullary Spinal Cord Ependymoma and Astrocytoma: Preoperative Imaging, Intraoperative Frozen-section Diagnosis, Extent of Resection, and Outcomes Keisuke Takai (Tokyo Metropolitan Neurological Hosp.)
 - REL26-2. Diversity of Spinal Manifestations in Systemic Diseases Ryo Kurokawa (The Univ. of Tokyo)

- Educational Lecture 27: April 15 (Sat.) 13:30-14:30 (303)
 - 〔[MOC Requirements] Quality of Medical Care: Diagnostic Imaging〕 Moderator: Masahiko Fujii (Kobe Minimally Invasive Cancer Center)
 - REL27-1. Radiology Report with Clarifying Language Kazuhiko Ueda (The Cancer Institute Hosp. of JFCR)
 - REL27-2. Basics of Importing Digital Radiological Images Yutaka Emoto (Kyoto Col. of Medical Science)

- Educational Lecture 28: April 15 (Sat.) 15:00-16:00 (302)
 - 〔Neuroradiology 3〕 Moderator: Kayo Takeuchi (Fukui Univ.)
 - REL28-1. Spinal Vascular Anatomy and Imaging: Implications for Management of Spinal Vascular Lesions Shuichi Tanoue (Kurume Univ.)
 - REL28-2. Imaging of Spinal Trauma Waka Nakata (Jichi Children's Medical Center Tochigi)

- Educational Lecture 29: April 15 (Sat.) 16:30-17:30 (302)
 - 〔Interventional Radiology 1〕 Moderator: Takuji Yamagami (Kochi Univ.)
 - REL29-1. Efforts for Medical Safety in the Management of CVC and CVP Kazuhiro Yamamoto (Osaka Medical and Pharmaceutical Univ.)
 - REL29-2. IVR for Hemodialysis Vascular Access Shuji Kariya (Kansai Medical Univ.)

- Educational Lecture 30: April 15 (Sat.) 17:00-18:00 (301)
 「Radiation Oncology 4」
 REL30-1. Proton Beam Therapy
 REL30-2. Carbon-ion Radiotherapy
 Moderator: Tatsuya Ohno (Gunma Univ.)
 Hideyuki Harada (Shizuoka Cancer Center)
 Hitoshi Ishikawa (QST Hosp.)

- Educational Lecture 31: April 16 (Sun.) 8:00-9:00 (Main Hall)
 「Radiation Oncology 5」
 REL31-1. Radiotherapy for Prostate Cancer
 Moderator: Hisanori Ariga (Iwate Medical Univ.)
 Kentaro Nishioka (Hokkaido Univ. Hosp.)

- Educational Lecture 32: April 16 (Sun.) 8:00-9:00 (301)
 「Interventional Radiology 2」
 REL32-1. Stent Placement for Vena Cava Syndrome: Key Points for Clinical Practice
 REL32-2. Balloon Pulmonary Angioplasty for Chronic Thromboembolic Pulmonary Hypertension
 Moderator: Kazuhiro Saito (Tokyo Medical Univ.)
 Shunsuke Sugawara (National Cancer Center Hosp.)
 Hiroki Horinouchi (National Cerebral and Cardiovascular Center)

- Educational Lecture 33: April 16 (Sun.) 8:00-9:00 (302)
 「Chest Radiology 3」
 REL33-1. Imaging Features of Connective Tissue Disease Associated Interstitial Lung Diseases
 REL33-2. Chest Imaging of ANCA Related Lung Diseases
 Moderator: Shuji Sakai (Tokyo Women's Medical Univ.)
 Hiroaki Sugiura (National Defense Medical Col.)
 Yasuyuki Kurihara (St. Luke's International Hosp.)

- Educational Lecture 34: April 16 (Sun.) 8:00-9:00 (303)
 「Gastrointestinal Radiology 3」
 REL34-1. Imaging of Liver Cirrhosis
 REL34-2. Imaging Findings of Hepatic Fibrosis
 Moderator: Tadashi Machida (Nippon Medical Sch. Hosp.)
 Mayumi Higashi (Yamaguchi Univ.)
 Shintaro Ichikawa (Hamamatsu Univ. Sch. of Medicine)

- Educational Lecture 35: April 16 (Sun.) 8:00-9:00 (304)
 「Pediatric Radiology 2」
 REL35-1. Pediatric Demyelinating Disorders
 REL35-2. Imaging of Acute Encephalitis and Encephalopathy in Children
 Moderator: Mitsuru Matsuki (Jichi Children's Medical Center)
 Yuta Fujii (Kanagawa Children's Medical Center)
 Emiko Morimoto (Osaka Metropolitan Univ.)

- Educational Lecture 36: April 16 (Sun.) 14:00-15:00 (National Convention Hall)
 「[MOC Requirements] Radiation Safety Protection 2」
 REL36-1. IVR Patient Dose Reduction Measures - Revised Guidelines for Prevention of IVR Skin Damage -
 REL36-2. Current Statistics on Radiation Exposure in Living Environment for the Japanese Population
 Moderator: Koichiro Yamakado (Hyogo Medical Univ.)
 Kazuko Ohno (Kyoto Col. of Medical Science)
 Hidenori Yonehara (Nuclear Safety Research Association)

- Educational Lecture 37: April 16 (Sun.) 14:00-15:00 (Main Hall)
 「[MOC Requirements] Quality of Medical Care: Radiotherapy」
 REL37-1. Compulsory Lecture: Quality and Treatment - Radiotherapy
 Moderator: Kuniaki Katsui (Kawasaki Medical Sch.)
 Shunichi Ishihara (Nagoya Univ. Hosp.)

- Educational Lecture 38: April 16 (Sun.) 14:00-15:00 (303)
 「Interventional Radiology 3」
 REL38-1. Endovascular Treatment for Symptomatic Iliofemoral Deep Venous Thrombosis
 REL38-2. Radiation Protection in Interventional Radiology
 Moderator: Tetsuo Sonomura (Wakayama Medical Univ.)
 Tetsuhisa Yamada (Japanese Red Cross Medical Center)
 Masaaki Akahane (International Univ. of Health and Welfare)

- Educational Lecture 39: April 16 (Sun.) 14:00-15:00 (304)
 「Nuclear Medicine 3」
 REL39-1. Basics of Brain Perfusion SPECT: Quantification and Statistical Analysis
 REL39-2. Nuclear Medicine in the Central Nerve System - Tumor and Other Diseases -
 Moderator: Hiroshi Toyama (Fujita Health Univ.)
 Shingo Baba (Kyushu Univ.)
 Ryuichi Nishii (QST)

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- ・ Educational Lecture 40: April 16 (Sun.) 15:30-16:30 (303)

「Radiation Oncology 6」

REL40-1. Radiotherapy and Health Economics

Moderator: Yoshihito Nomoto (Mie Univ.)

Kensuke Moriwaki (Ritsumeikan Univ.)

指導者講習会

- ・ 指導者講習会 1: April 15 (Sat.) 8:00-9:00 (301)

RLT1-1. 日本専門医機構と放射線科領域の専門医制度について(1)

Yasushi Kaji (Shimane Univ.)

- ・ 指導者講習会 2: April 16 (Sun.) 15:30-16:30 (Main Hall)

RLT2-1. 日本専門医機構と放射線科領域の専門医制度について(2)

Kei Takase (Tohoku Univ.)