

II. JRS Activities

Honorary Invited Lecture

- Honorary Invited Lecture 1: April 13 (Fri.) 15:10-15:40 (301)

Moderator: Kazunari Ishii (Kindai Univ.)

Michio Senda (Kobe City Medical Center General Hosp.)

Molecular Brain Imaging in Dementia: Current Status and Future Direction

Satoshi Minoshima (University of Utah, USA)

- Honorary Invited Lecture 2: April 14 (Sat.) 9:10-9:40 (301)

Moderator: Nagara Tamaki (Kyoto Prefectural Univ. of Medicine)

Kenji Nemoto (Yamagata Univ.)

Getting to the Truth: Challenges for Editor's, Authors, Reviewers, and Readers of Biomedical Publications

Herbert Y. Kressel (Harvard Medical School, Beth Israel Deaconess Medical Center, USA)

- Honorary Invited Lecture 3: April 14 (Sat.) 13:00-13:30 (301)

Moderator: Takehiko Gokan (Showa Univ.)

Takashi Koyama (Kurashiki Central Hosp.)

Imaging of Problematic Renal Masses: An Update

Seung Hyup Kim (Seoul National University Hospital, Korea)

International Communication

- Introduction of RSNA: April 13 (Fri.) 9:10-9:30 (303)

Moderator: Shigeru Ehara (Iwate Medical Univ.)

Shigeki Aoki (Juntendo Univ.)

Mary C. Mahoney (University of Cincinnati, USA)

- Introduction of ESR: April 13 (Fri.) 9:30-9:50 (303)

Moderator: Shigeru Ehara (Iwate Medical Univ.)

Shigeki Aoki (Juntendo Univ.)

Bernd Hamm (The Charité, Humboldt University of Berlin and Freie University, Germany)

- AOSOR-JRS Conjoint Session: April 12 (Thu.) 15:00-17:00 (313 + 314)

「Recent Topics of Diffusion Weighted Imaging in Neuroimaging」

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

Yoshiyuki Watanabe (Osaka Univ.)

Toshiaki Taoka (Nagoya Univ.)

1. Development of Diffusion Images

2. Clinical Utility of DWI in the Pediatric Brain: Review and Update

Pek-Lan Khong (The University of Hong Kong, China)

3. New Potential of Diffusion MRI

Koji Kamagata (Juntendo Univ.)

4. Clinical Usages of Diffusion Weighted and Tensor Imaging: Challenges and Difficulties

Norlisah Binti Mohd Ramli (University of Malaya, Malaysia)

5. Diffusion Weighted Imaging in Central Nervous System

Nalini Kant Mishra (All India Institute of Medical Sciences, India)

- The 3rd Asia Radiology Summit: April 13 (Fri.) 10:00-12:00 (2nd Basement Floor Ambassador's Ballroom)

Moderator: Noriyuki Tomiyama (Osaka Univ.)

Kei Yamada (Kyoto Prefectural Univ. of Medicine)

Invited Lecture

- Invited Lecture 1: April 13 (Fri.) 9:10-9:40 (311 + 312)

Moderator: Sachio Kuribayashi (HIMEDIC Imaging Center at Lake Yamanaka)

Whal Lee (Seoul National University Hospital, Korea)

Aortic Emergencies

Tuncay Hazirolan (Hacettepe University, Turkey)

- Invited Lecture 2: April 13 (Fri.) 9:10-9:40 (315)

Moderator: Ryohei Kuwatsuru (Juntendo University Hosp.)

Seishi Nakatsuka (Keio Univ.)

Dual-Energy-CT with a Focus on Abdominal Imaging: New Perspectives and Clinical Applications

Andreas G. Schreyer (University Hospital Regensburg, Germany)

- Invited Lecture 3: April 14 (Sat.) 9:10-9:40 (304)

Moderator: Takashi Kaneda (Nihon Univ. School of Dentistry at Matsudo)

Toshinori Hirai (Univ. of Miyazaki)

Medication Related Osteonecrosis of the Jaws: Imaging Findings and Classification

Antonio Lo Casto (University of Palermo, Italy)

Special Focus Session

- Special Focus Session 1: April 13 (Fri.) 9:10-10:10 (304)

「Female Imaging」

Moderator: Kazuro Sugimura (Kobe Univ.)

Hiroko Kawashima (Kanazawa Univ.)

1. MRI of Endometriosis: State of the Art in 2018

Catherine Roy (University of Strasbourg, France)

2. The Clinical Implementation of Abbreviated Breast MRI to Screen Women with Dense Breasts

Mitchell D. Schnall (University of Pennsylvania, USA)

- Special Focus Session 2: April 13 (Fri.) 15:10-16:10 (304)

「Hepatic Imaging」

Moderator: Yoshiki Asayama (Kyushu Univ.)

Joo Hyeong Oh (Kyung-Hee University Medical Center, Korea)

1. Radiologic Evaluation of Portal Flow Steal in Liver Transplantation Recipient

Bohyun Kim (Ajou University Hospital, Korea)

2. Liver MRI: Now and the Future

Utaroh Motosugi (Univ. of Yamanashi)

- Special Focus Session 3: April 14 (Sat.) 9:10-10:10 (302)

「Lung Imaging」

Moderator: Noriyuki Tomiyama (Osaka Univ.)

Sadayuki Murayama (Univ. of the Ryukyus)

1. Pulmonary Fungal Infection

Semin Chong (Samsung Medical Center, Korea)

2. Small Airways Disease

Gerald F. Abbott (Harvard Medical School, Massachusetts General Hospital, USA)

- Special Focus Session 4: April 14 (Sat.) 13:00-14:00 (301)

「Renal Imaging」

Moderator: Takehiko Gokan (Showa Univ.)

Takashi Koyama (Kurashiki Central Hosp.)

1. Imaging of Problematic Renal Masses: An Update

Seung Hyup Kim (Seoul National University Hospital, Korea)

2. New Developments in the Imaging of Renal Tumors

Masahiro Jinzaki (Keio Univ.)

· Special Focus Session 5: April 14 (Sat.) 13:00–14:00 (303)

「Advanced MR」

Moderator: Hirokazu Fujiwara (Keio Univ.)

Nobuya Higuchi (Tokyo Medical Center)

1. Advanced MR Imaging

Robert E. Lenkinski (UT Southwestern Medical Center, USA)

2. Clinical Evaluation of Metabolic Biomarkers Observed by MRS

Masafumi Harada (Tokushima Univ.)

· Special Focus Session 6: April 14 (Sat.) 13:00–14:00 (304)

「Musculoskeletal Imaging」

Moderator: Takatoshi Aoki (University of Occupational and Environmental Health)

Masataka Uetani (Nagasaki Univ.)

1. Shoulder MR: Update and Current Controversies

Michael J. Tuite (University of Wisconsin, USA)

2. Common and Uncommon Conditions of the Knee MRI

Mamoru Niitsu (Saitama Medical Univ.)

Symposium

· Symposium 1: April 13 (Fri.) 9:10–11:50 (Main Hall)

「Diagnostic Imaging in the Hepatobiliary and Pancreatic Regions: Focusing on the Differentiation between Benign and Malignant Lesions」

Moderator: Takamichi Murakami (Kobe Univ.)

Toshifumi Gabata (Kanazawa Univ.)

Keynote Lecture

Non Invasive Diagnosis and Management of Benign Hepatocellular Tumors in Europe: Where Do We Stand in 2018?

Olivier Lucidarme (Pierre et Marie Curie & Sorbonne University, France)

1. Differentiation between Benign and Malignant Lesion on the Multistep Hepatocarcinogenesis Process

Satoshi Kobayashi (Kanazawa Univ.)

2. MR Imaging Diagnosis of Hepatocellular Adenoma: Imaging Features, Differential Diagnosis, and Recent Topics

Hiroki Haradome (Kitasato Univ.)

3. Diagnostic Imaging of the Biliary System: Differentiation between Benign and Malignant Lesions

Kengo Yoshimitsu (Fukuoka Univ.)

4. Tips and Pitfall for Differentiation between Benign and Malignant Solid Lesions of the Pancreas

Yasunari Fujinaga (Shinshu Univ.)

5. Differentiation between Benign and Malignancy in Pancreatic Cystic Lesions

Shunro Matsumoto (Oita Univ.)

· Symposium 2: April 13 (Fri.) 9:10–11:50 (301)

「New Frontiers of Fusion Imaging」

Moderator: Hirofumi Fujii (National Cancer Center Exploratory Oncology Research & Clinical Trial Center)

Noboru Oriuchi (Fukushima Medical Univ.)

Keynote Lecture

Fusion Imaging in Nuclear Medicine

Orazio Schillaci (University of Rome Tor Vergata, Italy)

1. New Era of Fusion Imaging by Simultaneous Acquisition with PET/MR Scanner

Munenobu Nogami (Kobe University Hosp.)

2. Cardiac Fusion Imaging: Two Sides of the Coin Reflecting Coronary Artery Disease

Tomonari Kiriyama (Nippon Medical School)

3. Oncology

Hiroaki Kurihara (National Cancer Center Hosp.)

4. New Frontiers of Fusion Images in Neuroimaging

Hidehiko Okazawa (Biomedical Imaging Research Center, Univ. of Fukui)

· Symposium 3: April 13 (Fri.) 10:00–11:30 (303)

「Standardization of Quantitative Imaging: Recent Topics of Quantitative Imaging Biomarker Alliance (QIBA)」

Moderator: Shigeki Aoki (Juntendo Univ.)

Ukhide Tateishi (Tokyo Medical and Dental Univ.)

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1. Objectives and Current Status of RSNA/QIBA
Alexander R. Guimaraes (Oregon Health & Science University, USA)
 2. Recent Advances of J-QIBA Activities in CT and MRI, with Emphasis on Synthetic MRI
Akifumi Hagiwara (Univ. of Tokyo)
 3. Recent Activities and Future Aspects of Standardization and SUV Harmonization for a Quantitative FDG-PET Imaging
Go Akamatsu (National Institute of Radiological Sciences (QST-NIRS))
- Symposium 4: April 13 (Fri.) 15:10-17:40 (301)
〔PET Imaging in Dementia〕
Moderator: Kazunari Ishii (Kindai Univ.)
Michio Senda (Kobe City Medical Center General Hosp.)
- Keynote Lecture Molecular Brain Imaging in Dementia: Current Status and Future Direction
Satoshi Minoshima (University of Utah, USA)
1. Role of Neuroimaging in the Diagnostic Strategy for Senile Tauopathy and Alzheimer Disease
Aya Midori Tokumaru (Tokyo Metropolitan Medical Center of Gerontology)
 2. FDG PET in Diagnosis of Dementia Takashi Kato (National Center for Geriatrics and Gerontology)
 3. The Role of Amyloid PET Imaging in Dementia
Toshimitsu Momose (International Univ. of Health and Welfare School of Medicine)
 4. Tau PET Etsuko Imabayashi (Medical Headquarters, Eisai Co., Ltd.)
- Symposium 5: April 13 (Fri.) 15:10-17:40 (302)
〔Characteristics and Roles of Diagnostic Modalities in Breast Cancer〕
Moderator: Yasuo Nakajima (St. Marianna Univ. School of Medicine)
Ukhide Tateishi (Tokyo Medical and Dental Univ.)
- Keynote Lecture Breast Density: Risk Assessment and Screening
Mary C. Mahoney (University of Cincinnati, USA)
1. Breast Density Issues and Impacts on Mammography Screening
Takayoshi Uematsu (Shizuoka Cancer Center Hosp.)
 2. Effective Utilization of Digital Breast Tomosynthesis in Breast Cancer Screening
Mari Kikuchi (National Cancer Center Hosp.)
 3. Characteristics and Role of Adjunctive Ultrasonography in Breast Cancer Screening with Mammography
Eriko Tohno (Tsukuba International Breast Clinic)
 4. MRI Screening for Breast Cancer in Women at High Risk
Yoshihide Kanemaki (St. Marianna Univ. School of Medicine)
 5. Clinical Utility of a Dedicated Breast PET Scanner for Breast Cancer Screening
Yuji Nakamoto (Kyoto Univ. Hosp.)
- Symposium 6: April 13 (Fri.) 15:10-17:10 (303)
〔The Education of Radiation Oncologists in the New Medical Specialist Training Program〕
Moderator: Naoyuki Shigematsu (Keio Univ.)
Nobue Uchida (Tottori Univ.)
- Keynote Lecture Ground Design of New Medical Specialist Training Program in Radiology
Masumi Kadoya (Shinshu Univ.)
1. JASTRO's Role in Radiation Oncology Training Masatoshi Hasegawa (Nara Medical Univ.)
 2. Education of Radiation Oncologists in the Urban Core Hospital Restricting the Capacity Limits
Katsuyuki Karasawa (Tokyo Metropolitan Cancer and Infectious diseases Cancer Komagome Hosp.)
 3. Education of Radiation Oncology Residents in the Single Radiology Department That Chaired by a Diagnostic Radiologist
Shinji Naganawa (Nagoya Univ.)

4. Geographical and Gender-equal Perspective in the Education of Radiation Oncologists
Keiko Shibuya (Yamaguchi Univ.)
5. Demand and Supply of Radiation Oncologists in Future
Yasushi Nagata (Hiroshima Univ., Graduate School of Biomedical and Health Sciences)
- Symposium 7: April 14 (Sat.) 9:10-11:10 (301)
[Meet Editor in Chief, Outstanding Reviewer and Researcher for Submitting Biomedical Publications]
Moderator: Nagara Tamaki (Kyoto Prefectural Univ. of Medicine)
Kenji Nemoto (Yamagata Univ.)
- Keynote Lecture Getting to the Truth: Challenges for Editor's, Authors, Reviewers, and Readers of Biomedical Publications
Herbert Y. Kressel (Harvard Medical School, Beth Israel Deaconess Medical Center, USA)
1. Role of JRS Members in Further Development of Japanese Journal of Radiology
Yukunori Korogi (Univ. of Occupational and Environmental Health)
 2. Get Published a Memorable Scientific Article: Suggestions from a Reviewer
Hiromu Mori (Oita Univ.)
 3. Encouraging Yourself to Write Scientific Papers
Shinji Naganawa (Nagoya Univ.)
- Symposium 8: April 14 (Sat.) 9:10-11:00 (303)
[Up-to-date on Pediatric Neurodevelopment.]
Moderator: Hiroshi Oba (Teikyo Univ.)
Hitoshi Terada (Toho Univ. Sakura Medical Center)
Yutaka Sato (University of Iowa, USA)
- Keynote Lecture Brain Injury in Premature Infants
1. Cranial MRI and Outcome of Infants Admitted to a Neonatal Intensive Care Unit
Floriss Groenendaal (Wilhelmina Children's Hospital/University Medical Center Utrecht, Netherlands)
 2. Neural Circuit Development and Its Impairment Revealed by Synapse Imaging in Vitro and in Vivo
Shigeo Okabe (The Univ. of Tokyo)
 3. 1H-MR Spectroscopy for Assessment of Pediatric Neurodevelopment and CNS Disorders
Noriko Aida (Kanagawa Children's Medical Center)
 4. Brain Development Using Large Brain MRI Database
Yasuyuki Taki (Tohoku Univ.)
- Symposium 9: April 14 (Sat.) 13:00-15:40 (302)
[Evaluation of Coronary Flow Reserve Using CT, MRI and Nuclear Medicine Techniques]
Moderator: Hajime Sakuma (Mie Univ.)
Teruhito Mochizuki (Ehime Univ.)
- Keynote Lecture Cardiac Imaging 2018 - Old Questions and New Horizons
Joachim Lotz (University Medical Center Gottingen, Georg-August-University, Germany)
1. From Basic Aspects to Clinical Values of Myocardial Blood Flow and Myocardial Flow Reserve Measurements
Keiichiro Yoshinaga (Diagnostic and Therapeutic Nuclear Medicine, National Institute of Radiological Sciences)
 2. Quantitative Assessment of Contrast-enhanced Myocardial MR Perfusion and CT Perfusion Imaging: Characteristics and Key Points for the Adequate Quantification
Yasutaka Ichikawa (Mie Univ. Hosp.)
 3. The Recent Development of Stress Myocardial Perfusion Imaging Using Compressed Sensing Technique
Tomoyuki Kido (Ehime Univ.)
 4. Insights into Myocardial Ischemia with Dynamic CT Perfusion
Noriko Oyama-Manabe (Hokkaido University Hosp.)
 5. Quantitative Assessment of Myocardial Blood Flow with Semi-conductor Gamma Camera
Naoya Matsumoto (Nihon Univ.)

· Symposium 10: April 15 (Sun.) 9:10-10:40 (Main Hall)

「Diagnostic imaging of drug-associated complications」

Moderator: Fumikazu Sakai (International Medical Center, Saitama Medical Univ.)

Mitsuru Matsuki (Kindai Univ.)

1. Drug-Induced Imaging Features in the Central Nervous System
Satoshi Matsushima (Jikei Univ. School of Medicine)
2. Imaging Findings of Lung Injury Caused by Agents except Immune Checkpoint Inhibitors
Masahiko Kusumoto (National Cancer Center Hosp. East)
3. Imaging Findings of Lung Injury Caused by Immune Checkpoint Inhibitor Nivolumab
Hiroaki Sugiura (Keio Univ.)
4. Topics of Diagnostic Imaging Findings about the Complication of the New Drugs in the Abdominal Area
Noriatsu Ichiba (Otsu City Hosp.)
5. Effect of Agents Administered Prior to Nuclear Medicine Examinations
Mayuki Uchiyama (Jikei Univ. School of Medicine)

· Symposium 11: April 15 (Sun.) 9:10-11:10 (301)

「Diagnostic Imaging and Interventional Radiology in Portal Hypertension」

Moderator: Susumu Kanazawa (Okayama Univ.)

Kimihiko Kichikawa (Nara Medical Univ.)

1. Diagnostic Imaging for Interventional Management of Portal Hypertension
Kaoru Kobayashi (Hyogo College of Medicine)
2. Balloon-occluded Retrograde Transvenous Obliteration
Jun Koizumi (Tokai Univ.)
3. Current Status of Transjugular Intrahepatic Portosystemic Shunts for Portal Hypertension-related Complications
Akira Yamamoto (Osaka City Univ.)
4. The Other Treatment Options for or Portal Hypertension, PTO/PTS, PSE and PV Stent
Toshihiro Tanaka (Nara Medical Univ.)

· Symposium 12: April 15 (Sun.) 9:10-11:10 (302)

「Whole-body DWI: Past, Presence, and Future」

Moderator: Kazuro Sugimura (Kobe Univ.)

Yasuo Takehara (Nagoya Univ.)

1. DWIBS Revisited: 10 Key Points
Taro Takahara (Tokai Univ. School of Engineering)
2. Whole-body DW-MRI for Castration-resistant Prostate Cancer: Prediction of Clinical Course and Identification of Oligo-progressive Lesions as Targets for Loco-regional Therapy
Soichiro Yoshida (Tokyo Medical and Dental Univ.)
3. Experience Using Diffusion-weighted Whole-body Imaging with Background Body Signal Suppression (DWIBS) for the Diagnosis of Distant Metastasis in Breast Cancer
Yoshihide Kanemaki (St. Marianna Univ. School of Medicine)
4. Successful Launch of DWIBS in Public Hospitals
Kenichi Miyazaki (Yaizu City Hosp.)
5. Clinical Utilities of Body Diffusion-weighted Images
Kazuhiro Katahira (Kumamoto Chuo Hosp.)
6. Remarks
Fumihiko Wakao (National Cancer Center)

Image Interpretation Session

· Image Interpretation Session: April 14 (Sat.) 17:00-19:00 (Main Hall)

Moderator: Harushi Mori (Univ. of Tokyo)

Mitsuru Matsuki (Kindai Univ.)

Question Master: Toshihiro Furuta (Univ. of Tokyo)

Osamu Honda (Osaka Univ.)

Yumiko Tanaka (The Cancer Institute Hosp. of JFCR)

Discusser: Nobuhiro Fujita (Kyushu Univ.)
Jiro Munechika (Showa Univ.)
Chisa Banba (Kyoto Prefectural Univ. of Medicine)
Yasuhiro Minami (Keio Univ.)
Shigeaki Umeoka (Japanese Red Cross Wakayama Medical Center)
Yasuo Kosaka (Kanazawa Univ.)
Yoshiko Ueno (Kobe Univ.)

Special Program

- Special Program 1: Part 1 Musical Theatre Session: April 14 (Sat.) 15:45-16:10 (Main Hall)
"Marching Stage" by Tokai University Wind Orchestra
- Special Program 1: Part 2 Special Talk Session: April 14 (Sat.) 16:10-16:50 (Main Hall)
「Development of Human Resources in Sports」
Moderator: Yutaka Imai (Tokai Univ.)
Tatsunori Hara (Former Yomiuri Giants Manager)
Kousei Inoue (National Coach of All-Japan Judo Federation)
- Special Program 2: April 14 (Sat.) 15:30-17:00 (304)
「Radiology and Artificial Intelligence」
Moderator: Shigeki Aoki (Juntendo Univ.)
Norio Nakata (Jikei Univ. School of Medicine)
Norio Nakata (Jikei Univ. School of Medicine)
Masahiro Jinzaki (Keio Univ.)
 1. American Efforts on Artificial Intelligence
 2. Japanese Efforts on Artificial Intelligence
 3. Radiology and Artificial Intelligence: State-of-the-Art Technology from Each VendorCo-hosted by: Society of Artificial Intelligence in Medical Imaging
- Special Program 3: April 15 (Sun.) 10:50-11:50 (304)
「JRS-JCR Joint Symposium on Gender Equality and Diversity. Work Style Reforms to Help Everyone Work in One's Own Ways (co-hosted by the Ministry of Health, Labour and Welfare)」
Moderator: Aki Kido (Kyoto University Hosp.)
Kanakano Kumamaru (Juntendo Univ.)
Reiko Tomura (MSD K. K.)
 1. Diversity & Inclusion, and Work Force InnovationPanelists: Manabu Minami (Univ. of Tsukuba)
Keiko Kuriyama (Osaka National Hosp.)
Aki Kido (Kyoto Univ.)
Akihiro Sato (Sendai Medical Center)
Takuya Okada (Kobe Univ.)
Reiko Tomura (MSD K. K.)
Bunji Ishimaru (The Ministry of Health, Labour and Welfare)
- Special Program 4 JCR Hour 2018: April 15 (Sun.) 13:00-14:30 (F205 + 206)
「Pros and Cons of the Added-fee for Radiological Managements on Imaging-studies」
Moderator: Kei Yamada (Kyoto Prefectural Univ. of Medicine)
Masahiro Ida (Ebara Hosp.)
 1. How Do We Manage 'Added-fee for Radiological Managements on Imaging-studies (ARMI)'?
Takahiro Inoue (Chiba University Hosp.)
 2. Radiologists Who Do Not Take ARMI
Kohsuke Kudo (Hokkaido University Hosp.)
 3. Benefits of Stopping Obtaining Added-fee for Radiological Managements on Imaging-studies (ARMI)
Toshinori Hirai (Univ. of Miyazaki)

4. From the View Point of Defending Added-fee for Radiological Managements on Imaging-studies

Kei Takase (Tohoku Univ.)

Resident Seminar

· Resident Seminar (Diagnostic): April 14 (Sat.) 9:10-11:40 (National Convention Hall)

「Introduction to Diagnostic Radiology for Avoiding Pitfalls」

Moderator: Kenji Ogawa (Nippon Koukan Hosp.)

Shigeo Okuda (Keio Univ.)

1. How to Avoid the Pitfalls in Diagnostic Neuroradiology

Takeki Shiina (Yokohama Medical Center)

2. Introduction to Diagnostic Radiology: Avoiding Pitfalls in Chest Imaging

Yasuyuki Kurihara (St. Luke's International Hosp.)

3. Image Findings of Spectrum of the Terminal Ileum Diseases

Tamaki Ichikawa (Tokai Univ.)

4. Common Pitfalls in Renal and Upper Urinary Tract Imaging and How to Avoid Them

Hiroataka Akita (Keio Univ.)

5. Imaging of Female Pelvic Disease

Hiroshi Shinmoto (National Defense Medical College)

· Resident Seminar (Radiation Oncology): April 13 (Fri.) 15:10-17:10 (National Convention Hall)

「Essentials of Recent Advances in Radiation Oncology」

Moderator: Takeshi Akiba (Tokai Univ.)

Masaru Wakatsuki (Jichi Medical Univ.)

1. Brain Tumor

Ken Harada (Tokai Univ.)

2. Recent Advances in Radiotherapy for Lung and Liver Malignancies: VMAT and SBRT Can Improve Radical Curability and Indication for Radiation

Atsuya Takeda (Ofuna Chuo Hosp.)

3. A Review of Palliative Radiotherapy of Bone Metastases for Young Radiation Oncologists

Hiroshi Tanaka (Aichi Cancer Center Hosp.)

4. Particle Therapies with Protons and Carbon Ions

Tatsuya Ohno (Gunma Univ. Heavy Ion Medical Center)

Case-Based Educational Lecture 

· Case-Based Educational Lecture 1: April 12 (Thu.) 16:40-17:40 (302)

Moderator: Yoshifumi Narumi (Osaka Medical College)

Meet the Expert: Learn the Tips of Diagnostic Imaging in the Female Pelvis through Case Presentation

Yumiko Oishi Tanaka (The Cancer Institute Hosp. of JFCR)

· Case-Based Educational Lecture 2: April 12 (Thu.) 16:40-17:40 (303)

Moderator: Manabu Minami (Univ. of Tsukuba)

Meet the Expert: Learn the Tips of Diagnostic Imaging in the Head and Neck Regions through Case Presentation


Ryutarō Ukisu (Kitasato Univ.)

· Case-Based Educational Lecture 3: April 12 (Thu.) 16:40-17:40 (304)

Moderator: Shuji Sakai (Tokyo Women's Medical Univ.)

Meet the Expert: Learn the Tips of Diagnostic Imaging in the Chest Region through Case Presentation

Masashi Takahashi (Yujin-Yamazaki Hosp.)

Educational Lecture 

· Educational Lecture 1: April 13 (Fri.) 8:00-9:00 (National Convention Hall)

「[MOC Requirements] Radiation Safety Protection 1」

Moderator: Kazuko Ohno (Kyoto College of Medical Science)

1. Dose Management in CT: The Role of Radiologists

Masaaki Akahane (International Univ. of Health and Welfare)

2. Epidemiology of Radiation Effects

Kotaro Ozasa (Radiation Effects Research Foundation)

- Educational Lecture 2: April 13 (Fri.) 8:00–9:00 (Main Hall)
 - 〔Gastrointestinal Radiology 1〕 Moderator: Hiroyuki Irie (Saga Univ.)
 - 1. Normal Anatomy and Developmental Contour Anomalies of the Pancreas Shunro Matsumoto (Oita Univ.)
 - 2. Imaging of the Pancreas with CT and MRI Shintaro Ichikawa (Univ. of Yamanashi)

- Educational Lecture 3: April 13 (Fri.) 8:00–9:00 (301)
 - 〔Nuclear Medicine 1〕 Moderator: Jun Hatazawa (Osaka Univ.)
 - 1. Impact of FDG-PET/CT in the Management of Lhematologic Malignancy Shingo Baba (Kyushu Univ.)
 - 2. FDG PET/CT for Colorectal Cancer Yuka Yamamoto (Kagawa Univ.)

- Educational Lecture 4: April 13 (Fri.) 8:00–9:00 (302)
 - 〔Radiation Oncology 1〕 Moderator: Yoshikazu Kagami (Showa Univ.)
 - Radiation Therapy for Urological Diseases Hideomi Yamashita (University of Tokyo Hosp.)

- Educational Lecture 5: April 13 (Fri.) 8:00–9:00 (303)
 - 〔Neuroradiology 1〕 Moderator: Noriko Sato (National Center Hosp.)
 - 1. Imaging of Spinal Dysraphism: What Is inside Baby’s Buttocks Kumiko Ando (Hyogo College of Medicine)
 - 2. Brain Anomalies: MR Evaluation and Differential Diagnosis Hidetsuna Utsunomiya (Takatsuki General Hosp.)

- Educational Lecture 6: April 13 (Fri.) 8:00–9:00 (304)
 - 〔Genitourinary Radiology 1〕 Moderator: Takayuki Yamada (St. Marianna University School of Medicine, Yokohama City Seibu Hosp.)
 - 1. Adrenal Incidentaloma Atsushi Nakamoto (Osaka Univ.)
 - 2. Differential Diagnosis of Adrenal Lesions Yuichi Kumagae (Kagoshima Univ.)

- Educational Lecture 7: April 13 (Fri.) 8:00–9:00 (311 + 312)
 - 〔Cardiac Radiology 1〕 Moderator: Kei Takase (Tohoku Univ.)
 - 1. Functional Evaluation by Cardiac CT Hidenobu Takagi (Iwate Medical Univ.)
 - 2. 4D Flow MRI Yasuo Takehara (Nagoya Univ.)

- Educational Lecture 8: April 13 (Fri.) 8:00–9:00 (313 + 314)
 - 〔Musculoskeletal Radiology 1〕 Moderator: Hideharu Sugimoto (Jichi Medical Univ.)
 - 1. Imaging of the Hip <Together with Recent Knowledge Implicating FAI> Asako Yamamoto (Teikyo Univ.)
 - 2. MR Imaging of the Elbow Masahiko Fujii (Kobe Minimally Invasive Cancer Center)

- Educational Lecture 9: April 13 (Fri.) 8:00–9:00 (315)
 - 〔IVR 1〕 Moderator: Kimihiko Kichikawa (Nara Medical Univ.)
 - 1. The Role of Radiologist in Stent-graft Procedure –EVAR– Masato Yamaguchi (Kobe University Hosp.)
 - 2. TEVAR: How the Radiologists Get Involved and What Is Wanted to Radiologist Norio Hongo (Oita Univ.)

- Educational Lecture 10: April 13 (Fri.) 8:00–9:00 (F205 + 206)
 - 〔Radiation Oncology 2〕 Moderator: Hiroshi Onishi (Univ. of Yamanashi)
 - Current Status of Radiotherapy for Lung Cancer Tomoki Kimura (Hiroshima University Hosp.)

- Educational Lecture 11: April 13 (Fri.) 9:10–10:10 (F205 + 206)
 - 〔Radiation Oncology 3〕 Moderator: Kazuhiko Ogawa (Osaka Univ.)

Individualization and Advanced Technologies of Radiation Therapy for Breast Cancer

Chikako Yamauchi (Shiga General Hosp.)

- Educational Lecture 12: April 14 (Sat.) 8:00-9:00 (National Convention Hall)
「[MOC Requirements] Radiation Safety Protection 2」 Moderator: Yoshito Tsushima (Gunma University Hosp.)
 1. Safety Issues in Usage of Contrast Media in Central Department of University Hospital
Yoshifumi Narumi (Osaka Medical College)
 2. Health Effects of Radiation
Ohtsura Niwa (Radiation Effects Research Foundation)

- Educational Lecture 13: April 14 (Sat.) 8:00-9:00 (Main Hall)
「Gastrointestinal Radiology 2」
Moderator: Tomoaki Ichikawa (International Medical Center, Saitama Medical Univ.)
 1. Imaging Diagnosis of Acute Pancreatitis
Satoshi Goshima (Gifu University Hosp.)
 2. Imaging Diagnosis of Chronic Pancreatitis
Yoshifumi Noda (Gifu Univ.)

- Educational Lecture 14: April 14 (Sat.) 8:00-9:00 (301)
「Genitourinary Radiology 2」 Moderator: Kaori Togashi (Kyoto Univ.)
 1. Pregnancy-related Complications: The Appropriate Choice of Imaging Modality and Radiological Manifestations
Takahiro Tsuboyama (Osaka National Hosp.)
 2. Clinical and Imaging Features of Gestational Trophoblastic Disease
Yoshiko Ueno (Kobe Univ.)

- Educational Lecture 15: April 14 (Sat.) 8:00-9:00 (302)
「Chest Radiology 1」 Moderator: Tae Iwasawa (Kanagawa Cardiovascular and Respiratory Center)
 1. Chest Radiographic Interpretation of the Mediastinum
Kazuto Ashizawa (Nagasaki Univ.)
 2. Mediastinal Compartments
Masaki Hara (Nagoya City West Medical Center)

- Educational Lecture 16: April 14 (Sat.) 8:00-9:00 (303)
「Neuroradiology 2」 Moderator: Hitoshi Miki (Ehime Prefectural Central Hosp.)
 1. MR Imaging for Term Hypoxic-ischemic Encephalopathy
Katsumi Hayakawa (Red Cross Kyoto Daiichi Hosp.)
 2. Transition of MR Image after Birth
Toshiaki Taoka (Nagoya Univ.)

- Educational Lecture 17: April 14 (Sat.) 8:00-9:00 (304)
「Head and Neck Radiology 1」 Moderator: Takao Kodama (Miyazaki Prefectural Miyazaki Hosp.)
 1. Diagnostic Imaging of Benign and Malignant Neoplasm in Salivary Glands
Etsushi Iida (Yamaguchi Univ.)
 2. Non-neoplastic Disorder of Salivary Gland
Minako Azuma (Univ. of Miyazaki)

- Educational Lecture 18: April 14 (Sat.) 8:00-9:00 (311 + 312)
「Nuclear Medicine 2」 Moderator: Hiroshi Toyama (Fujita Health Univ.)
 1. Dementia - Brain Perfusion SPECT -
Tohru Shiga (Hokkaido Univ.)
 2. Imaging Biomarker for Dementia
Etsuko Imabayashi (Medical HQs, Eisai Co., Ltd.)

- Educational Lecture 19: April 14 (Sat.) 8:00-9:00 (313 + 314)
「Musculoskeletal Radiology 2」 Moderator: Tsutomu Inaoka (Toho University Sakura Hosp.)
 1. Muscle MR: Non-traumatic and Traumatic Lesions
Yoshiko Hayashida (Univ. of Occupational and Environmental Health)
 2. MR Imaging of Entrapment Neuropathy
Masataka Uetani (Nagasaki Univ.)

- Educational Lecture 20: April 14 (Sat.) 8:00–9:00 (315)

〔IVR 2〕 Moderator: Yoshiaki Narimatsu (Kawasaki Municipal Hosp.)

 1. The ISSVA Classification and Diagnosis of Vascular Malformations Keigo Osuga (Osaka Univ.)
 2. Interventional Radiology for Vascular Malformations Hidefumi Mimura (St. Marianna Univ. School of Medicine)

- Educational Lecture 21: April 14 (Sat.) 8:00–9:00 (F205 + 206)

〔Chest Radiology 2〕 Moderator: Noriyuki Tomiyama (Osaka Univ.)

 1. Diagnostic Imaging of Anterior Mediastinal Mass Osamu Honda (Osaka Univ.)
 2. Imaging Characteristics of Nodular/Mass Lesions in Middle and Posterior Mediastinum Kiminori Fujimoto (Kurume Univ.)

- Educational Lecture 22: April 14 (Sat.) 9:10–10:40 (F205 + 206)

〔Breast Imaging〕 Moderator: Hidetake Yabuuchi (Kyushu Univ.)

 1. Histopathology of Mastopathy / Fibrocystic Change and Non-Invasive Carcinoma of the Breast Takashi Tashiro (Shinko Hosp.)
 2. A Risk for Breast Cancer – Sclerosing Adenosis Hiroko Tsunoda (St. Luke's International Hosp.)
 3. Imaging of the Non-invasive Ductal and Microinvasive Breast Cancers Mariko Goto (Kyoto Prefectural Univ. of Medicine)

- Educational Lecture 23: April 14 (Sat.) 10:50–11:50 (F205 + 206)

〔Cardiac Radiology 2〕 Moderator: Hiromitsu Hayashi (Nippon Medical School)

 1. The Scan Principle for Aortic Aneurysm Munemasa Okada (Yamaguchi University Hosp.)
 2. Imaging of Aortic Aneurysm Takuya Ueda (Tohoku University Hosp.)

- Educational Lecture 24: April 14 (Sat.) 13:00–14:00 (F205 + 206)

〔Radiation Oncology 4〕 Moderator: Kenji Nemoto (Yamagata Univ.)

Radiotherapy for Hepatobiliary and Pancreatic Cancers Satoaki Nakamura (Kansai Medical Univ.)

- Educational Lecture 25: April 14 (Sat.) 14:10–15:10 (F205 + 206)

〔Radiation Oncology 5〕 Moderator: Masaharu Hata (Yokohama City Univ.)

Radiation Therapy 5: Uterine Cervical Cancer Masaru Wakatsuki (Jichi Medical Univ.)

- Educational Lecture 26: April 14 (Sat.) 15:20–16:20 (F205 + 206)

〔Radiation Oncology 6〕 Moderator: Shinya Hayashi (Fujita Health Univ.)

Palliative Radiotherapy Naoki Nakamura (National Cancer Center Hosp. East)

- Educational Lecture 27: April 15 (Sun.) 8:00–9:00 (Main Hall)

〔〔MOC Requirements〕 Quality of Imaging Diagnosis〕 Moderator: Hiroshi Kondoh (Tottori Univ.)

 1. Information Technology for Diagnostic Imaging Hidefumi Fujisawa (Showa University Northern Yokohama Hosp.)
 2. Radiology and IT Security Hideo Gobara (Okayama University Hosp.)

- Educational Lecture 28: April 15 (Sun.) 8:00–9:00 (301)

〔Gastrointestinal Radiology 3〕 Moderator: Hiromu Mori (Oita Univ.)

 1. Imaging Features of Rare Cystic Lesions of the Pancreas Yoshihiko Fukukura (Kagoshima Univ.)
 2. Pancreas Lesions in Systemic Diseases (Focusing on IgG4-related Disease) Dai Inoue (Kanazawa University Hosp.)

- Educational Lecture 29: April 15 (Sun.) 8:00-9:00 (302)

〔Respiratory Tumors〕 Moderator: Masahiko Kusumoto (National Cancer Center Hosp. East)

General Rules of TNM Staging System for Malignant Tumors: How to Apply the TNM Rules?

Hisao Asamura (Keio Univ.)

- Educational Lecture 30: April 15 (Sun.) 8:00-9:00 (303)

〔Neuroradiology 3〕 Moderator: Reiichi Ishikura (Hyogo College of Medicine)

 1. Molecular Mechanisms and Neuroimages of Cortical Dysgenesis Which Appears Not to Be Genetic
Mitsuhiro Kato (Showa Univ.)
 2. Gene and Imaging 2
Harushi Mori (Univ. of Tokyo)

- Educational Lecture 31: April 15 (Sun.) 8:00-9:00 (304)

〔Nuclear Medicine 3〕 Moderator: Hirotaka Maruno (Toranomon Hosp.)

 1. The Examination Methods of Myocardial Perfusion SPECT Shigeki Nagamachi (Fukuoka University Hosp.)
 2. How to Evaluate the Myocardial Perfusion SPECT Imaging: From Visual Assessment to Interpretation of Functional Data
Keisuke Kiso (National Cerebral and Cardiovascular Center)

- Educational Lecture 32: April 15 (Sun.) 8:00-9:00 (311 + 312)

〔Pediatric Radiology 1〕 Moderator: Masashi Koyama (Okazaki City Hosp.)

 1. Imaging of Abusive Head Trauma (AHT)
Mikiko Miyasaka (National Center for Child Health and Development)
 2. Diagnostic Imaging of Child Abuse. - Extracranial Injuries - Eiji Oguma (Saitama Children's Medical Center)

- Educational Lecture 33: April 15 (Sun.) 8:00-9:00 (313 + 314)

〔Head and Neck Radiology 2〕 Moderator: Yoshihiro Toyama (Kagawa Univ.)

 1. Imaging of the Thyroid Disease: CT and MRI
Noriyuki Fujima (Hokkaido University Hosp.)
 2. Ultrasonography in Thyroid Diseases
Hiroko Satake (Nagoya Univ.)

- Educational Lecture 34: April 15 (Sun.) 8:00-9:00 (315)

〔IVR 3〕 Moderator: Takuji Yamagami (Kochi Univ.)

 1. Lung Biopsy, Preoperative Marking Prior to VATS
Hiroshi Miura (Kyoto Prefectural Univ. of Medicine)
 2. Lung RFA: Current Status and Clinical Consideration
Haruyuki Takaki (Hyogo College of Medicine)

- Educational Lecture 35: April 15 (Sun.) 8:00-9:00 (F205 + 206)

〔〔MOC Requirements〕 Quality of Radiotherapy〕 Moderator: Masatoshi Hasegawa (Nara Medical Univ.)

Quality of Radiotherapy
Hiroyuki Muramatsu (Kiryu Kosei General Hosp.)

- Educational Lecture 36: April 15 (Sun.) 9:10-10:10 (F205 + 206)

〔Chest Radiology 3〕 Moderator: Kiyoshi Murata (Shiga Univ. of Medical Science)

 1. Chest Trauma Imaging
Yasuyuki Kurihara (St. Luke's International Hosp.)
 2. Imaging of Congenital Lung Anomalies in the Adult
Shigeki Misumi (The Jikei Univ. School of Medicine)

- Educational Lecture 37: April 15 (Sun.) 10:20-11:20 (F205 + 206)

〔Pediatric Radiology 2〕 Moderator: Yoshinobu Akasaka (Hyogo Children's Hosp.)

 1. Pediatric Abdominal Emergency Imaging in "Neonate", "Infant", and "Toddler"
Chihiro Tani (Hiroshima Univ.)
 2. Image Findings of Abdominal Emergencies in Childhood and Adolescence
Motoo Nakagawa (Nagoya City Univ.)

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- Educational Lecture 38: April 15 (Sun.) 10:50-11:50 (Main Hall)
「[MOC Requirements] Medical Ethics」 Moderator: Naoyuki Shigematsu (Keio Univ.)
Conflict of Interest in Medical Research
Hitoshi Arima (Yokohama City Univ., International College of Arts and Sciences)

- Educational Lecture (JJR Editorial): April 13 (Fri.) 15:10-16:10 (311 + 312)
How to Review Submitted Articles; Tips for JJR Reviewers
Yukunori Korogi (Univ. of Occupational and Environmental Health)

指導者講習会

- 指導者講習会 1: April 13 (Fri.) 10:50-11:50 (F205 + 206)
Masumi Kadoya (Shinshu Univ.)
- 指導者講習会 2: April 15 (Sun.) 13:00-14:00 (National Convention Hall)
Yasushi Kaji (Dokkyo Medical Univ.)

Luncheon Seminar

- Luncheon Seminar 1: April 13 (Fri.) 12:00-12:50 (Main Hall)
「Topics of Contrast enhanced CT and MRI」 Moderator: Yasuyuki Yamashita (Kumamoto Univ.)
 1. Optimization of iodine and gadolinium contrast medium administration using perfusion simulator
Toru Higaki (Hiroshima Univ.)
 2. Clinical conditions and imaging findings relating to abnormal laboratory data (second fascicle).
LDH and ALP; which do you trust? Takashi Koyama (Kurashiki Central Hosp.)Sponsored by: Eisai Co., Ltd.
- Luncheon Seminar 2: April 13 (Fri.) 12:00-12:50 (301)
「New innovative generation of Canon MRI」 Moderator: Shinji Naganawa (Nagoya Univ.)
 1. Clinical Application of New High Resolution 3D Imaging ~Additional Value for Accurate Diagnosis~
Kohei Hamamoto (Saitama Medical Center, Jichi Medical Univ.)
 2. Impact of Deep Learning Reconstruction on MR Images
Mika Kitabatake (Kumamoto Univ.)Sponsored by: Canon Medical Systems Corporation
- Luncheon Seminar 3: April 13 (Fri.) 12:00-12:50 (302)
「Clinical Applications of 3D printing in Cardiovascular Medicine」
Moderator: Yasushi Koyama (Sakurabashi Watanabe Hosp.)
Akira Kurata (Ehime Univ.)
Sponsored by: Bayer Yakuhin, Ltd.
- Luncheon Seminar 4: April 13 (Fri.) 12:00-12:50 (303)
「Expanding Precision Medicine through innovation」 Moderator: Katsuyoshi Ito (Yamaguchi Univ.)
 1. How can Dual Source CT contribute to "precision medicine" and "personalized medicine"?
Morikatsu Yoshida (Amakusa Medical Center)
 2. How can we take advantage of Dual Energy imaging in abdominal emergency medicine?
Takehiko Gokan (Syowa Univ.)Sponsored by: Siemens Healthcare K.K.

- Luncheon Seminar 5: April 13 (Fri.) 12:00-12:50 (304)

〔Clinical topics of cardiac MRI〕 Moderator: Norihiko Yoshimura (Niigata Univ.)

 1. MRI for cardiac sarcoidosis in a clinical setting Atsushi Kono (National Cerebral and Cardiovascular Center)
 2. Clinical utilization of cardiac MRI Tomoyuki Kido (Ehime Univ.)

Sponsored by: FujiPharma Co., Ltd.

- Luncheon Seminar 6: April 13 (Fri.) 12:00-12:50 (311 + 312)

〔Potentiality of Diagnosis Support Service utilizing AI〕 Moderator: Kazuo Awai (Hiroshima Univ.)

 1. Diagnostic Support Technology for Breast Ultrasound and Prostate MRI
Hirokazu Nosato (National Institute of Advanced Industrial Science and Technology (AIST))
 2. EIRL: AI Medical Image Diagnostic Support Technology Yuki Shimahara (LPixel Inc.)

Sponsored by: NOBORI Ltd.

- Luncheon Seminar 7: April 13 (Fri.) 12:00-12:50 (313 + 314)

〔Dynamic Chest Radiography Using Flat Panel Detector System: Technique and Clinical Usefulness〕

Moderator: Masahiro Jinzaki (Keio Univ.)

Technique Rie Tanaka (Kanazawa Univ.)

Clinical Usefulness(1) Yoshitake Yamada (Keio Univ.)

Clinical Usefulness(2) Tomoyuki Hida (Brigham and Women's Hospital, Harvard Medical School/Kyushu Univ.)

Sponsored by: KONICAMINOLTA, INC.

- Luncheon Seminar 8: April 13 (Fri.) 12:00-12:50 (315)

〔Next generation diagnostic imaging!〕 Moderator: TBC

 1. IQon spectral CT opens a door for new era of cardiovascular imaging Noriko Manabe (Hokkaido Univ.)
 2. Clinical impact of C SENSE - Beyond the time saving - Kazuhiro Katahira (Kumamoto Chuo Hosp.)

Sponsored by: Philips Japan, Ltd.

- Luncheon Seminar 9: April 13 (Fri.) 12:00-12:50 (416 + 417)

〔"AI" technology in diagnostic imaging〕 Moderator: Takamichi Murakami (Kobe Univ.)

 1. Advancement of image diagnostic assistance using artificial intelligence
- RSNA 2017 announcements and trends in expanded application of artificial intelligence -
Norio Nakata (Tokyo Jikei Medical Univ.)
 2. Present and future prospects of FUJIFILM's AI utilization in image diagnostic assistance
Yuanzhong Li (FUJIFILM Corporation)

Sponsored by: FUJIFILM Medical Co., Ltd.

- Luncheon Seminar 10: April 13 (Fri.) 12:00-12:50 (F205 + 206)

〔Discussion, Chemoradiotherapy of unresectable stage III non-small cell lung cancer〕

Moderator: Yasumasa Nishimura (Kindai Univ.)

Takayasu Kurata (Kansai Medical Univ.)

Hideyuki Harada (Shizuoka Cancer Center)

Sponsored by: AstraZeneca K.K.

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- Luncheon Seminar 11: April 14 (Sat.) 12:00-12:50 (Main Hall)
「Clinical Forefront with Next Generation CT Technology」
Moderator: Kuni Otomo (International Univ. of Health and Welfare)
1. New Generation CT: Advancement in the Chest CT Diagnosis Noriyuki Tomiyama (Osaka Univ.)
 2. Breakthrough of the Reconstruction Technology using Deep Learning Kazuo Awai (Hiroshima Univ.)
 3. Development of Upright CT with 320-row detector - Visualization of the Effects of Gravity on the whole Human Body - Masahiro Jinzaki (Keio Univ.)
- Sponsored by: Canon Medical Systems Corporation
- Luncheon Seminar 12: April 14 (Sat.) 12:00-12:50 (301)
「To the Next Stage of Dual Energy CT」
Moderator: Takamichi Murakami (Kobe Univ.)
Fuminari Tatsugami (Hiroshima Univ.)
Satoshi Goshima (Gifu Univ.)
- Sponsored by: GE Healthcare Japan
- Luncheon Seminar 13: April 14 (Sat.) 12:00-12:50 (302)
「The latest innovative medical care created by mass spectrometric techniques
- Outcome of merging various technologies -」
Moderator: Susumu Kanazawa (Okayama Univ.)
Development of new AVS Procedures by using mass spectrometer and its future perspective.
Kei Takase (Tohoku Univ.)
- Sponsored by: Shimadzu Corporation
- Luncheon Seminar 14: April 14 (Sat.) 12:00-12:50 (303)
「Let's collect and convert data to information for artificial intelligence」
Moderator: Kazuro Sugimura (Kobe Univ.)
Mototaka Miyake (National Cancer Center Hosp.)
- Sponsored by: Yokogawa Medical Solutions Corporation
- Luncheon Seminar 15: April 14 (Sat.) 12:00-12:50 (304)
「How to use Cingulate Island Sign in dementia diagnosis.」
Moderator: Tomohiro Kaneta (Yokohama City Univ.)
1. A foundation for the appropriate usage of CIS as a biomarker.
Masashi Kameyama (Tokyo Metropolitan Geriatric Hosp.)
 2. The usefulness of CIS in DLB diagnosis. Noriyuki Kimura (Oita Univ.)
- Sponsored by: FUJIFILM RI Pharma Co., Ltd.
- Luncheon Seminar 16: April 14 (Sat.) 12:00-12:50 (311 + 312)
「Topics of deep learning and its application to medical image recognition」
Moderator: Masaki Matsusako (St. Luke's International Hosp.)
Takeshi Hara (Gifu Univ.)
- Sponsored by: J-MAC SYSTEM, Inc.
- Luncheon Seminar 17: April 14 (Sat.) 12:00-12:50 (313 + 314)
「New Challenge For Image Diagnostics: Next Generation PACS utilizing Big Data」
Moderator: Koichiro Murata (Kitasato University Medical Center)
1. Utilization of Big Data in Healthcare Tomohiro Sawa (Teikyo Univ.)
 2. INFINITT's Next Generation PACS and Data Mining Software: Solution for further improvement in Reading Productivity Masanori Ishida (The Univ. of Tokyo Hosp.)
- Sponsored by: INFINITT JAPAN Co., Ltd

- Luncheon Seminar 18: April 14 (Sat.) 12:00-12:50 (315)
 「Clinical and Research MRI of Brain using Simultaneous Multi-Slice technique.」
 Moderator: Tomohisa Okada (Kyoto Univ.)
 Masaki Hori (Juntendo Univ.)
 Sponsored by: Siemens Healthcare K.K.
- Luncheon Seminar 19: April 14 (Sat.) 12:00-12:50 (416 + 417)
 「Clinical values of new era angiography system "Azurion"」
 1. Innovation and actual ability of "Azurion" in Intervention
 2. Usefulness of Azurion in PAD Intervention
 Moderator: Keigo Osuga (Osaka Univ.)
 Hideyuki Takimura (Tokyo General Hosp.)
 Yoshiaki Yokoi (Kishiwada Tokushukai Hosp.)
 Sponsored by: Philips Japan, Ltd.
- Luncheon Seminar 20: April 14 (Sat.) 12:00-12:50 (F205 + 206)
 「How PACS can improve the QOL of radiologists and radiological technologists.
 - So lucky to use PSP-PACS in these situations! -」
 Moderator: Masataka Uetani (Nagasaki Univ.)
 Kazuhiro Katahira (Kumamoto Chuo Hosp.)
 Sponsored by: PSP Corporation.
- Luncheon Seminar 21: April 15 (Sun.) 12:00-12:50 (Main Hall)
 「The value of contrast-enhanced CT in the emergency care setting」
 Moderator: Takamichi Murakami (Kobe Univ.)
 Hiroshi Kondo (Teikyo Univ.)
 Sponsored by: DAIICHI SANKYO CO., LTD.
- Luncheon Seminar 22: April 15 (Sun.) 12:00-12:50 (301)
 「Vision of 3.0T MR Faster scan technology」
 Moderator: Osamu Abe (The University of Tokyo)
 Yasuyuki Kobayashi (St. Marianna Univ.)
 Utaroh Motosugi (Univ. of Yamanashi)
 Sponsored by: GE Healthcare Japan
- Luncheon Seminar 23: April 15 (Sun.) 12:00-12:50 (302)
 「Medical Payment System 2018」
 Moderator: Shigeki Aoki (Juntendo Univ.)
 Masahiro Ida (Ebara Hosp.)
 Sponsored by: Bayer Yakuhin, Ltd.
- Luncheon Seminar 24: April 15 (Sun.) 12:00-12:50 (303)
 「The Current Situation of Brain Amyloid Imaging and Its Future Prospects」
 Moderator: Yusuke Inoue (Kitasato Univ.)
 Kazunari Ishii (Kindai Univ.)
 Sponsored by: Nihon Medi-Physics Co., Ltd.
- Luncheon Seminar 25: April 15 (Sun.) 12:00-12:50 (304)
 「Proper use and safety of iodinated contrast medium」
 1. Proper use of contrast material based on the contrast-enhanced CT theory
 2. Safety of iodinated contrast medium injection for CT
 Moderator: Yasuyuki Yamashita (Kumamoto Univ.)
 Satoshi Goshima (Gifu Univ.)
 Tatsuya Gomi (Toho Univ. Ohashi Medical Center)
 Sponsored by: FujiPharma Co., Ltd.

· Luncheon Seminar 26: April 15 (Sun.) 12:00-12:50 (311 + 312)

「Efficient reading on PACS: Latest advances of PACS Viewer and how to communicate with vendor」

Moderator: Yasushi Kaji (Dokkyo Medical Univ.)

Hiroaki Arakawa (Dokkyo Medical Univ.)

Satoru Takahashi (Takatsuki Hosp.)

Sponsored by: Carestream Health Japan Co., Ltd.

· Luncheon Seminar 27: April 15 (Sun.) 12:00-12:50 (313 + 314)

「New Horizon of 4D Imaging」

Moderator: Kei Takase (Tohoku Univ.)

1. Post-processing in cardiac MRI: Clinical utility of Ziostation2

Yoshiaki Morita (National Cerebral and Cardiovascular Center)

2. New insight of cardiac 4D analysis using CT strain and coronary flow map

Michinobu Nagao (Tokyo Women's Medical Univ.)

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

· Luncheon Seminar 28: April 15 (Sun.) 12:00-12:50 (315)

「The future of radiological imaging」

Moderator: Kazuo Awai (Hiroshima Univ.)

1. Capability of HITACHI 3T TRILLIUM OVAL in the abdominal imaging

Yuko Nakamura (Hiroshima Univ.)

2. Towards Radiology Support with AI

Takashi Shirahata (Hitachi, Ltd.)

Sponsored by: Hitachi, Ltd.

· Luncheon Seminar 29: April 15 (Sun.) 12:00-12:50 (416 + 417)

「Impact of spectral CT on clinical practice - Makes an impact double with AZE new technique -」

Moderator: Masahiro Jinzaki (Keio Univ.)

Kazuhiro Katahira (Kumamoto Chuo Hosp.)

Sponsored by: AZE, Ltd.

· Luncheon Seminar 30: April 15 (Sun.) 12:00-12:50 (F205 + 206)

「Halcyon™ - Bringing simplicity and efficiency to modern radiotherapy」

Moderator: Tetsuo Akimoto (National Cancer Center Hospital East)

Parag Sanghvi (University of California San Diego Health, USA)

Sponsored by: Varian Medical Systems K.K.