Opening Ceremony（Past President Ceremony）

April 15 (Thu.) 10:00~11:00, G303+G304 (Room 1)

Closing Ceremony

April 17 (Sat.) 17:15~17:35, G303+G304 (Room 1)

AOSoR-AOCR Conjoint Session

AOSoR-AOCR Conjoint Session 1
April 15 (Thu.) 13:05~14:35, G303+G304 (Room 1)
Breast Imaging: State of the Art in AOCR

Chairpersons: Hiroko Kawashima (Kanazawa Univ., Japan)
Yi-Hong Chou (Yuan Pei Univ. of Medical Technology, Taiwan)

CS1-1 Contrast Enhanced Mammography (CEM) *Allison Rose*
(The Royal Melbourne Hosp., Head of Breast Imaging, The Royal Melbourne & The Womens Hosp. breast Service, Australia)

CS1-2 Let us work towards establishing a next-generation breast cancer screening program in Japan *Takayoshi Uematsu*
(Dept. of Breast Imaging and Breast Intervention Radiology Shizuoka Cancer Center Hosp., Japan)

CS1-3 Characterization and quantification of breast masses using MRI *Yeun-Chung Chang*
(Dept. of Medical Imaging, National Taiwan Univ. Hosp. and National Taiwan Univ. Col. of Medicine, Taiwan)

AOSoR-AOCR Conjoint Session 2
April 15 (Thu.) 14:50~16:20, G303+G304 (Room 1)
Advanced Breast MRI applications: Is There Added Value?

Chairpersons: Masako Kataoka (Kyoto Univ., Japan)
Evelyn Lai-Ming Ho (ParkCity Medical Centre, Malaysia)

CS2-1 Clinical application of ultrafast DCE-MRI in breast cancer *Naoko Mori*
(Diagnostic Radiology, Tohoku Univ. Graduate Sch. of Medicine, Japan)

CS2-2 Diffusion MRI of the breast: Potential and challenges *Mami Iima*
(Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto Univ. Graduate Sch. of Medicine, Japan / Dept. of Clinical Innovative Medicine, Institute for Advancement of Clinical and Translational Science (iACT), Kyoto Univ. Hosp., Japan)

CS2-3 Radiomics in Breast Cancer Imaging: Is There Added Value? *Eun Sook Ko*
(Dept. of Radiology, Samsung Medical Center, Sungkyunkwan Univ. Sch. of Medicine, Korea)

Symposium

Symposium 1
April 15 (Thu.) 13:30~15:30, G301 (Room 2)
Radiotherapy with COVID-19

Chairpersons: Yasushi Nagata (Hiroshima Univ., Japan)
Kazuhiko Ogawa (Osaka Univ., Japan)

SY1-1 Current status of Radiotherapy (during Covid-19) in India *Shyam Shrivastava*
(Apollo Hosp.s, Navi Mumbai, India)

SY1-2 JASTRO x COVID-19 *Satoaki Nakamura*
(Kansai Medical Univ., Japan)

SY1-3 Radiotherapy service in Mongolia during COVID-19 *Uranchimeg Tsegmed*
(Dept. of Radiation Oncology, National Cancer Center, Mongolia)

SY1-4 Radiation treatment and covid 19: Challenges and opportunities. *N.Kumar Gogna*
(MBBS DCH FRCP FRANZCR)

Symposium 2

April 16 (Fri.) 9:30~11:30, G303+G304 (Room 1)

Comprehensive Imaging of Pancreatic Cancer

Chairpersons: Satoshi Goshima (Dept. of Radiology, Hamamatsu Univ. Sch. of Medicine, Japan)
Jin-Young Choi (Yonsei Univ. Col. of Medicine, Korea)

SY2-1 DWI for pancreatic cancer — *Yoshihiko Fukukura*
(Dept. of Radiology, Kagoshima Univ. Graduate Sch. of Medical and Dental Sciences, Japan)

SY2-2 Imaging of pancreatic cancer in clinical practice — *Cher Heng Tan*
(Dept. of Diagnostic Radiology, Tan Tock Seng Hosp., Singapore)

SY2-3 The imaging features of early/small pancreatic cancer — *Dai Inoue*
(Dept. of Radiology, Kanazawa Univ. Hosp., Japan)

SY2-4 Korean perspectives for Imaging of early pancreatic cancer — *Jin-Young Choi*
(Dept. of Radiology, Yonsei Univ., Korea)

Symposium 3

April 16 (Fri.) 13:30~15:00, G303+G304 (Room 1)

Breast screening in Asia Oceania

Chairpersons: Hiroko Tsunoda (St Luke's International Hosp., Japan)
MinJung Kim (Severance Hosp., Yonsei Univ., Korea)

SY3-1 Breast Cancer Screening and Outcome in Korea — *Woo Kyung Moon*
(Dept. of Radiology, Seoul National Univ. Hosp., Korea)

SY3-2 Ultrasound screening for young Asian women and its standardization — *Chiun-Sheng Huang*
(National Taiwan Univ. Hosp. and Col. of Medicine, National Taiwan Univ., Taiwan)

SY3-3 Breast Screening in Japan — *Eriko Tohno*
(Tsukuba International Breast Clinic, Japan)

Symposium 4

April 16 (Fri.) 15:30~17:00, G303+G304 (Room 1)

Imaging and Treatment Strategy for Triple Negative Breast Cancer: Based on the latest knowledge of pathology

Chairpersons: Masako Kataoka (Kyoto Univ., Japan)
MinJung Kim (Severance Hosp., Yonsei Univ., Korea)

SY4-1 Triple negative breast cancer: from the pathologist's point of view — *Yoshiki Mikami*
(Kumamoto Univ. Hosp., Japan)

SY4-2 Triple Negative Breast Cancer from the Perspective of Radiologist — *Sung Hun Kim*
(Seoul St. Mary's Hosp., The Catholic Univ. of Korea, Korea)

SY4-3 Current and Future Strategies for TNBC — *Takashi Ishikawa*
(Tokyo Medical Univ., Japan)

Symposium 5

April 16 (Fri.) 9:30~11:30, G301 (Room 2)

The state of the art and perspectives of nuclear medicine in Asia

Chairperson: Mitsuaki Tatsumi (Osaka Univ. Hosp., Japan)

SY5-1 Current PET/MRI technique for quantitative evaluation of brain imaging — *Hidehiko Okazawa*
(Biomedical Imaging Research Center, Univ. of Fukui, Japan)

SY5-2 Diagnostic power of total-body PET/CT Explorer in clinical oncology — *Hongcheng Shi*
(Dept. of Nuclear Medcine, Zhongshan Hosp., China)

SY5-3 Efficacy of I-131 MIBG therapy in the patients with neuroblastoma — *Daiki Kayano*
(Dept. of Nuclear Medicine, Kanazawa Univ. Hosp., Japan)

SY5-4 Clinical radioimmunotherapy in Australia — *Sze Ting Lee*
(Dept. of Molecular Imaging and Therapy, Austin Health, Australia)

Symposium 6 : Asian Prostate Imaging Working Group (APIWG)
April 16 (Fri.) 13:30~15:30, G301 (Room 2)
Current role of mpMRI for optimal management of prostate cancer

Chairpersons: Masahiro Jinzaki (Keio Univ. Sch. of Medicine, Japan)
Cher Heng Tan (Dept. of Diagnostic Radiology, Tan Tock Seng Hosp., Singapore)

SY6-1 PI-RADS v2.1 in current clinical practice *Chan Kyo Kim*
(Dept. of Radiology, Samsung Medical Center, Sungkyunkwan Univ. Sch. of Medicine, Korea)

SY6-2 Pitfalls in prostate MRI, including MRI-undetectable prostate cancer *Hiroshi Shinmoto*
(National Defense Medical Col., Dept. of Radiology, Japan)

SY6-3 Use PSMA PET/CT and mpMRI for biochemical recurrence following prostatectomy *LI-Jen Wang*
(Dept. of Medical Imaging and Intervention, TuCheng Chang Gung Memorial Hosp., Taiwan)

SY6-4 Practical Role of mpMRI in Active Surveillance of Prostate Cancer *Chau Hung Lee*
(Tan Tock Seng Hosp., Singapore)

Symposium 7
April 17 (Sat.) 9:30~11:30, G303+G304 (Room 1)
Imaging of respiratory tract infection

Chairpersons: Shuji Sakai (Tokyo Women's Medical Univ., Japan)
Kazuto Ashizawa (Nagasaki Univ. Graduate Sch. of Biomedical Sciences, Japan)

SY7-1 Initial CT features of COVID-19 predicting clinical category *Li Fan*
(Shanghai Changzheng Hosp., China)

SY7-2 Imaging evaluation of bacterial pneumonia *Yun Hyeon Kim*
(Chonnam National Univ. Hosp., China)

SY7-3 Infectious diseases in immunocompromised patients *Nobuyuki Tanaka*
(Dept. of Radiology, National Hosp. Organization, Yamaguchi-Ube Medical Center, Japan)

SY7-4 Imaging of Pulmonary Mycobacterial Infection *Masuo Ujita*
(Tachikawa General Hosp., Japan)

Symposium 8
April 17 (Sat.) 13:30~15:00, G303+G304 (Room 1)
Diffuse liver disease

Chairperson: Satoshi Goshima (Dept. of Radiology, Hamamatsu Univ. Sch. of Medicine, Japan)

SY8-1 Free-breathing Multiple Hepatic Arterial Phase Imaging on Gadoxetate Disodium-enhanced MRI
Shintaro Ichikawa
(Hamamatsu Univ. Sch. of Medicine, Japan)

SY8-2 Clinical Application of MRE in the diffuse liver diseases *Fuhua Yan*
(Dept. of Radiology, Ruijin Hosp., Shanghai Jiao Tong Univ. Sch. of Medicine, China)

SY8-3 Dynamic Nuclear Polarization for metabolic imaging of redox diseases *Fuminori Hyodo*
(Dept. of Radiology Frontier Science for Image, Gifu Univ., Japan)

Symposium 9
April 17 (Sat.) 15:30~17:00, G303+G304 (Room 1)
Focal liver disease

Chairpersons: Yasunari Fujinaga (Dept. of Radiology, Shinshu Univ. Sch. of Medicine, Japan)
Satoshi Goshima (Dept. of Radiology, Hamamatsu Univ. Sch. of Medicine, Japan)

SY9-1 Radiogenomics for HCC – Current Status and Future Perspectives *Takeyuki Watadani*
(The Univ. of Tokyo Hosp., Japan)

SY9-2 Current updates on radiomics and radiogenomics for intrahepatic cholangiocarcinoma *Hyo Jung Park*
(Asan Medical Center, Korea)

SY9-3 Radiomics for liver metastasis *Yoshifumi Noda*
(Gifu Univ., Japan)

Symposium 10 with AOSR ExCo members

April 17 (Sat.) 9:30~11:30, G301 (Room 2)

Management of radiological department in COVID-19 pandemic

Chairpersons: Kei Yamada (Dept. of Radiology, Kyoto Prefectural Univ. of Medicine, Japan)
Dinesh K. Varma (The Alfred Hosp., Australia)

SY10-1 In-vehicle CT scanner for COVID-19 pandemic in Japan *Tsuneo Yamashiro*
(Dept. of Diagnostic Radiology, Yokohama City Univ., Japan)

SY10-2 How to control infection of SARS-COV-2 in radiology department: Our experience in Chiba Cancer Center *Hideyuki Takano*
(Div. of Diagnostic Imaging, Chiba Cancer Center, Japan)

SY10-3 The COVID-19 pandemic: Experience in Taiwan *Yi-Hong Chou*
(YuanPei Univ. of Medical Technology, Taipei Veterans General Hosp. and National Yang-Ming Univ., Taiwan)

SY10-4 Interventional Radiology during COVID-19 Pandemic-perspective from the eye of the storm *Uei Pua*
(Tan Tock Seng Hosp., Singapore)

SY10-5 COVID-19: Experiences in Korea *Jongmin Lee*
(Dept. of Radiology Kyungpook National Univ. Hosp., Korea)

SY10-6 COVID-19: Experiences in Malaysia *Evelyn Lai-Ming Ho*
(ParkCity Medical Centre, Malaysia)

SY10-7 Management of radiological department in COVID-19 pandemic: "Experiences in Thailand" *Chamaree Chuapetcharasopon*
(CP Medical Center, Thailand)

SY10-8 Our journey of fighting against COVID-19 in Hong Kong *Danny Hing Yan Cho*
(Kwong Wah Hosp., Hong Kong)

SY10-9 COVID-19: Experiences in Vietnam *Pham Ngoc Hoa*
(Cho Ray Hosp., Vietnam)

Symposium 11

April 17 (Sat.) 13:30~15:30, G301 (Room 2)

Radiomics and artificial intelligence

Chairpersons: Kei Yamada (Dept. of Radiology, Kyoto Prefectural Univ. of Medicine, Japan)
Cheng-Yu Chen (Dept. of Medical Imaging, Taipei Medical Univ. Hosp., Taiwan)

SY11-1 Radiomics and Deep learning in Neuro-Oncology: Introduction to Current Trend and Ways for Getting Over the Hype *Yae Won Park*
(Yonsei Univ. Col. of Medicine, South Korea)

SY11-2 Potential Application of Deep Learning and Radiomics into Clinical Workflow in Neuro-Oncology *Ji Eun Park*
(Asan Medical Center, South Korea)

SY11-3 A Few Lessons Learned from "Radiomics" and "Artificial Intelligence" Researches *Kin Kin Tha*
(Hokkaido Univ. Graduate Sch. of Medicine, Japan)

SY11-4 Finding Glioblastoma's Choked Points through Radiogenomics and Wet Bench *Sandy, Cheng-Yu Chen*
(Translational Imaging Research Center, Taipei Medical Univ. Hosp., Taiwan / Dept. of Medical Imaging, Taipei Medical Univ. Hosp., Taiwan / Dept. of Radiology, Taipei Medical Univ., Taiwan)

Educational Lecture

Educational Lecture 1

(On-demand Program)

Diagnostic imaging of the chest: from basics to the latest technology

Chairperson: Masaki Hara (Dept. of Radiology, Nagoya City West Medical Center, Japan)

EL1-1 Chest Radiograph Revisited: What Young Radiologists have to Know *Masashi Takahashi*
(Yujin-Yamazaki Hosp., Shiga Univ. of Medical Science, Japan)

EL1-2 State of the Art MR Imaging for Respiratory Diseases *Yoshiharu Ohno*
(Fujita Health Univ. Sch. of Medicine, Japan)

EL1-3 Up-to-date diagnostic imaging of lung cancer by CT: focused on lung adenocarcinoma *Masahiro Yanagawa*
(Osaka Univ. Graduate Sch. of Medicine, Japan)

EL1-4 The Current Status of Low-dose CT Screening for Lung Cancer in South Korea *Jin Mo Goo*
(Seoul National Univ. Hosp., Korea)

Educational Lecture 2
(On-demand Program)
Assessment of the resectability for biliary and pancreatic cancer

Chairperson: Yoshihiko Fukukura (Dept. of Radiology, Kagoshima Univ., Japan)

EL2-1 Assessment of the resectability for pancreatic cancer *Yoshifumi Noda*
(Gifu Univ., Japan)

EL2-2 Assessment of the resectability for bile duct cancer *Joon-IL Choi*
(Dept. of Radiology, Seoul St.Mary's Hosp. Col. of Medicine, the Catholic Univ. of Korea, Korea)

Educational Lecture 3
(On-demand Program)
Trends in musculoskeletal imaging

Chairperson: Takatoshi Aoki (Dept. of Radiology, Univ. of Occupational and Environmental Health Sch. of Medicine, Japan)

EL3-1 Current and emerging techniques in MR imaging of the Knee *Jung Ah Choi*
(Dept. of Radiology, Hallym Univ. Dongtan Sacred Heart Hosp., Korea)

EL3-2 Top five 'misses' on knee MRI *James F Griffith*
(The Chinese Univ. of Hong Kong, China)

EL3-3 Advanced Imaging of Articular Cartilage and Cartilage Surgery *Steven Wong Bak Siew*
(Sengkang General Hosp., Singapore)

EL3-4 Imaging of the hand and wrist *Tamotsu Kamishima*
(Faculty of Health Sciences, Hokkaido Univ., Japan)

Educational Lecture 4
(On-demand Program)
Radiation dose reduction in diagnostic radiology

Chairperson: Toshi Abe (Kurume Univ. Sch. of Medicine, Japan)

EL4-1 Optimization in Digital Radiography: A Holistic Approach *Kwan Hoong Ng*
(Dept. of Biomedical Imaging, Univ. of Malaya, Malaysia)

EL4-2 Diagnostic Reference Levels: What Radiologists Should Know *Masaaki Akahane*
(Dept. of Radiology, IUHW Narita Hosp., Japan)

EL4-3 Evaluation of DNA damage induced by radiological diagnosis *Satoshi Tashiro*
(Dept. Cell. Biol., RIRBM, Hiroshima Univ., Japan)

Educational Lecture 5
(On-demand Program)
Advance in immuno-radiotherapy / AI for radiotherapy

Chairperson: Masahiko Koizumi (Dept. Medical Physics & Engineering, Graduate Sch. of Medicine and Health Science, Osaka Univ., Japan)

EL5-1 Current status of radiotherapy combined with immune checkpoint inhibitors *Hiro Sato*
(Gunma Univ. Heavy Ion Medical Center, Japan)

EL5-2 AI technologies in radiation oncology *Mitsuhiro Nakamura*
(Div. of Medical Physics, Dept. of Information Technology and Medical Engineering, Human Health Sciences, Graduate Sch. of Medicine, Kyoto Univ., Japan)

Educational Lecture 6
(On-demand Program)
Current techniques in interventional radiology

Chairperson: Koichiro Yamakado (Hyogo Medical Col., Japan)

EL6-1 Pulmonary arteriovenous malformation (PAVM) embolization
Kiang Hiong Tay
(Dept. of Vascular and Interventional Radiology, Singapore General Hosp., Singapore)

EL6-2 Below the knee (BTK) angioplasty for critical limb ischemia
Je Hwan Won
(Dept. of Radiology, Ajou Univ. Sch. of Medicine, Korea)

EL6-3 Natural history of unruptured visceral artery aneurysms due to segmental arterial mediolysis and efficacy of transcatheter arterial embolization
Masashi Shimohira
(Dept. of Radiology, Nagoya City Univ. Graduate Sch. of Medical Sciences, Japan)

EL6-4 Ablation for Bone and Soft Tissue Tumor
Haruyuki Takaki
(Hyogo Col. of Medicine, Japan)

EL6-5 Basic principle and clinical evidence in DEB-TAE and cTACE for hepatocellular carcinoma
Toshihiro Tanaka
(Dept. of Radiology, Nara Medical Univ., Japan)

Educational Lecture 7
(On-demand Program)
Pediatric Interventional Radiology

Chairperson: Shunsuke Nosaka (National Center for Child Health and Development, Japan)

EL7-1 The IR's Role in treating vascular malformations
Luke Michael Han Wei Toh
(KK Women's and Children's Hosp., Singapore)

EL7-2 Percutaneous treatment of various lymphatic disease in children
Masayoshi Yamamoto
(Dept. of Radiology, Teikyo Univ. Sch. of Medicine, Japan)

Educational Lecture 8
(On-demand Program)
Pediatric Radiology

Chairperson: Osamu Miyazaki (National Center for Child Health and Development, Japan)

EL8-1 Multimodality imaging for pediatric IBD
Young Hun Choi
(Seoul National Univ. Hosp., Korea)

EL8-2 Clinical presentations and imaging of neuroblastoma
Hidekazu Aoki
(Dept. of Diagnostic Radiology, Tohoku Univ. Hosp., Japan)

Oral & Electronic Poster Presentation

Oral & Electronic Poster Presentation 1
April 15 (Thu.) 16:20~17:10, 313+314 (Room 5)
AOCR-JRS Conjoint Scientific Session: Chest 1

Moderator: Masahiro Endo (Chiba University)

ARO1-1 CT Imaging Features and Clinical Data of Pulmonary *Mycobacterium kansasii* Infection
Hiroki Yano
(Osaka National Hosp.)

ARO1-2 Establishment and Application of Multiple Paramaters Model of Lung Cancer Screening Based on Tumor-related Autoantibodies Panel and Deep Learning
Qingcheng Meng
(Dept. of Radiology, the affiliated tumor of Zhengzhou Univ.)

ARO1-3 Deep Learning Reconstruction Improves Image Quality of Submillisievrt Chest CT in Patients with Interstitial Lung Disease
Ruijie Zhao
(Dept. of Radiology, Peking Union Medical College Hosp., Chinese Academy of Medical Sciences)

ARO1-4 Effects of Deep Learning-based Reconstruction Technique on the Image Quality of Low-dose Chest CT Compared to Conventional Reconstruction Algorithms
Duxue Tian
(Dept. of Radiology, Peking Union Medical College Hosp.)

ARO1-5 Improving Image Quality of Axillary Lymph Nodes Based on Deep Learning Algorithm in Low Dose CT
Huayang Du
(Dept. of Radiology, Peking Union Medical College Hosp.)

Oral & Electronic Poster Presentation 2
April 15 (Thu.) 13:30~14:20, F205+206 (Room 12)
AOCR-JRS Conjoint Scientific Session: Musculoskeletal

Moderator: Katsuyuki Nakanishi (Department of Diagnostic & Interventional Radiology, Osaka International Cancer Institute)

ARO2-1 Pitfall of Phase Only Correlation (POC) Analysis in Detection of Radiographic Finger Joint Space Narrowing in Rheumatoid Arthritis *Yujie An*
(Dept. of Faculty of Health Sciences, Univ. of Hokkaido Univ., Sapporo, Japan)

ARO2-2 Optimization of Radiation Dose and Screening Time in Fluoroscopic-guided Injection for Shoulder Arthrography with a Low-cost Self-designed Cushion *Wing Tsung Anthony Chin*
(Dept. of Radiology and Organ Imaging, United Christian Hosp., Hong Kong SAR, China)

ARO2-3 CT Guided Bone and Soft Tissue Biopsy for Diagnostic Adequacy and Safety *Kathy Wing in Sit*
(Dept. of Diagnostic Radiology, Tung Wah Groups of Hosp.)

ARO2-4 Rheumatoid Bone Erosion Extending Beyond the Central Diaphysis of Metacarpal Bone on MRI *Wanxuan Fang*
(Faculty of Health Sciences, Hokkaido Univ.)

ARO2-5 Withdrawal

Oral & Electronic Poster Presentation 3
April 15 (Thu.) 14:30~15:30, F205+206 (Room 12)
AOCR-JRS Conjoint Scientific Session: AI, Radiomics

Moderator: Atsushi Kono (Kobe University)

ARO3-1 Investigating the Time to Distance Measurement in Abdominal Ultrasonography and Supporting Measurement with Deep Learning Techniques *Masahiro Hashimoto*
(Dept. of Radiology, Keio Univ., School of Medicine, Tokyo, Japan)

ARO3-2 A Prospective Study in the Use of an Artificial Intelligence Based Chatbot to Educate Patients before Breast Biopsy. *Sudhanshu Tonpe*
(Dept. of Radiology, Apollo Institute of Medical Sciences and Research, Hyderabad, India.)

ARO3-3 Performance of Deep Learning Model using Ensemble Method for Pediatric Bone Age Assessment
Krishna Pandu Wicaksono
(Dept. of Radiology, Kyoto Univ.,/ Dept. of Radiology, Univ. of Indonesia)

ARO3-4 Effect of Deep Learning Based Image Reconstruction Algorithm in Chest Thin-slice CT *Wen Zeng*
(West China Hosp., Sichuan Univ., China)

ARO3-5 The Application Value of Artificial Intelligence Based Filtering and Interpolated Image Reconstruction Algorithm in Abdominal MR Image Denoising *Xu Xu*
(Dept. of Radiology, West China Hosp. of Sichuan Univ.)

ARO3-6 Aquilion One CT Radiomic Features of Pseudoprogression and Hyperprogression in Solid Tumors with Immune Checkpoint Inhibitors Therapy *He Shuai*
(Cancer Hosp. of China Medical Univ.)

Oral & Electronic Poster Presentation 4
April 15 (Thu.) 15:40~16:00, F205+206 (Room 12)
AOCR-JRS Conjoint Scientific Session: Radiation Oncology

Moderator: Fumiaki Isohashi (Osaka University Graduate School of Medicine)

ARO4-1 Planning Study to Avoid Dosimetric Risk Factors for Complications in Neoadjuvant Chemoradiotherapy for Lung Cancer: Conventional Radiotherapy Versus Intensity-modulated Radiotherapy *Shigeo Takahashi*
(Dept. of Radiation Oncology, Kagawa Univ. Hosp., Kagawa, Japan)

ARO4-2 Lymph Node Metastases Diagnosed by 18f-FDG-PET/CT in Esophageal Squamous Cell Cancer and Treated with Concurrent Chemoradiotherapy *Ichiro Ogino*
(Dept. of Radiation Oncology, Yokohama City Univ.)

Oral & Electronic Poster Presentation 5

April 15 (Thu.) 16:00~16:50, G301 (Room 2)

AOCR-JRS Conjoint Scientific Session: Neuro, Head, and Neck 1

Moderator: Hisashi Tanaka (Osaka University)

ARO5-1 Correlation between Conventional and New Parameters on CEST Imaging by Multi Pool Model and ^{11}C-MET Uptake on PET/CT in Gliomas *Yasukage Takami*
(Dept. of Radiology, Faculty of Medicine, Kagawa Univ., Kagawa, Japan)

ARO5-2 Differentiating Astrocytoma, IDH-mutant from IDH-wildtype: Comparison with Synthetic MRI and 2-Hydroxyglutarate MRS *Kazufumi Kikuchi*
(Dept. of Clinical Radiology, Kyushu Univ., Fukuoka, Japan)

ARO5-3 Usage of Quantitative Susceptibility Mapping in Clinical Examination. *Yasutaka Fushimi*
(Dept. of Diagnostic Imaging and Nuclear Medicine, Kyoto Univ. Graduate School of Medicine)

ARO5-4 Difference of Amide Proton Transfer-weighted MR Signals in the Peritumoral Area between Primary Central Nervous System Lymphomas and Glioblastomas *Ryuta Ito*
(Dept. of radiology, SHIGA Univ. of medical science)

ARO5-5 Quantitative Study on MRI Texture Analysis of Orbital Solitary Fibrous Tumor and Neurilemmoma *Baoyue Zhang*
(The First Affiliated Hosp. of Yunnan Univ.)

Oral & Electronic Poster Presentation 6

April 16 (Fri.) 9:30~10:20, 313+314 (Room 5)

AOCR-JRS Conjoint Scientific Session: Neuro, Head, and Neck 2

Moderator: Hidemasa Takao (University of Tokyo)

ARO6-1 Age- and Gravity-related Changes of the Midface: Quantitative Evaluation using Upright and Supine Computed Tomography *Minoru Yamada*
(Dept. of Radiology, Keio Univ. School of Medicine)

ARO6-2 Direct Comparison between Digital and Conventional PET/CT for FDG Uptake of Lumbar Enlargement of Spinal Cord *Tomohisa Okada*
(Dept. of Radiology, Univ. of Ehime, Ehime, Japan)

ARO6-3 Correlation between the New MMD Collateral Grading System and Cerebral Hemodynamics in Moyamoya Disease:Based on One-stop-shop CT *Ling Li*
(Beijing Institute of Geriatrics, Beijing Hosp., National Center of Gerontology, China)

ARO6-4 Model-based Iterative Algorithm for Target Scan and Target Reconstruction in Submillisievert Temporal Bone CT Image *Tianjiao Wang*
(Dept. of Radiology Peking Union Medical College Hosp., Beijng)

ARO6-5 Low Contrast Media Usage with CE BOOST Technique in Head and Neck CTA *Mengwen Liu*
(Dept. of Radiology, Peking Union Medical College Hosp.)

Oral & Electronic Poster Presentation 7

April 16 (Fri.) 10:50~11:40, 313+314 (Room 5)

AOCR-JRS Conjoint Scientific Session: Chest 2

Moderator: Takeshi Kubo (Tenri Hospital)

ARO7-1 Comparison of Chest CT Grading Systems in Coronavirus Disease 2019 (COVID-19) Pneumonia *Shohei Inui*
(Radiology, The Univ. of Tokyo,Radiology, Japan Self-Defense Forces Central Hosp.)

ARO7-2 Clinical and CT Characteristics of Pulmonary Embolism Detected by CT in Patients with Malignant Cancer *Yangling Hu*
(Dept. of Radiology, The First Affiliated Hosp., Sun Yat-sen Univ.)

ARO7-3 CT Quantitative Analysis in Patients with Severe COVID-19 and Its Correlation with Laboratory Examination Results *Ting Chen*
(Dept. of Radiology, the Second Affiliated Hosp. of Chongqing Medical Univ.)

ARO7-4 The Prediction of Lymph Node Metastasis in Lung Adenocarcinoma Based on Radiomic Features of CT Imaging *Ping Xiang*
(Dept. of Radiology, The First Affiliated Hosp. of Zhejiang Chinese Medical Univ., Hangzhou, China)

ARO7-5 Effect of Model-Based Iterative Reconstruction on Image Quality of Submillisievrt CT *Yun Wang*
(Dept. of Radiology, Peking Union Medical College Hosp., Chinese Academy of Medical Sciences)

Oral & Electronic Poster Presentation 8

April 16 (Fri.) 15:50~16:40, 313+314 (Room 5)

AOCR-JRS Conjoint Scientific Session: Cardiovascular 1

Moderator: Munemasa Okada (Yamaguchi University Hospital)

ARO8-1 Second Generation of Dual Source Computed Tomography for Evaluating Coronary Artery Lesions in Vietnamese Pediatric Patients with Kawasaki Disease *Nguyen Thi Thanh Huong*
(Radiology Dept., Viet Nam National Children's Hosp.)

ARO8-2 Radiomics Features in Subtracted Myocardium CT Image Improve Ischemia Detection *Jing Yan*
(Canon Medical Systems (China))

ARO8-3 An Inverse Relationship between Epicardial Adipose Tissue Volume and Severity of Coronary Atherosclerosis in Triple-vessel Coronary Artery Disease *Yu Sun*
(College of Medicine and Biological Information Engineering, Northeastern Univ./ Dept. of Radiology, General Hosp. of Northern Theater Command)

ARO8-4 Improving Image Quality with Model Based Iterative Reconstruction in 80kv Low Dose Coronary CTA *Ming Wang*
(Dept. of Radiology, Peking Union Medical College Hosp.)

ARO8-5 Diagnostic Accuracy of Subtraction Coronary CT Angiography among Readers with Different Experience *Fang Li*
(Dept. of Radiology, Bejing Friendship Hosp. Capital Medical Univ.)

Oral & Electronic Poster Presentation 9

April 16 (Fri.) 17:00~18:00, 313+314 (Room 5)

AOCR-JRS Conjoint Scientific Session: Gastrointestinal

Moderator: Taro Ichikawa (Nipon Medecal School Musashikosugi Hospital)

ARO9-1 MRI Findings Peripheral to Colorectal Liver Metastasis: Predictors of Long-term Surgical Outcome *Yudai Nakai*
(Dept. of Radiology, Graduate School of Medicine, The Univ. of Tokyo, Tokyo, Japan)

ARO9-2 Application of MRI Quantitative Hemodynamic Parameters Histogram Analysis in the Development of Rabbit VX2 Liver Cancer Model *Rui Guo*
(Dept. of Radiology,Xinjiang production and Construction Corps Hosp.)

ARO9-3 Compare the Improvement of Different Reconstruction Algorithms on the Quality of Pancreatic CT Images *Qiaoling Wu*
(Dept. of Radiology Peking Union Medical College Hosp.)

ARO9-4 The Feasibility of Forward Projected Model-based Iterative Reconstruction Solution(FIRST) for Low-dose Liver CT Imaging *Wendi Shen*
(Dept. of Radiology, Peking Union Medical College Hosp.)

ARO9-5 The Extracellular Fraction of 640-slice DVCT, FIB-4,Forns Combined to Predict the Changes of Portal Vein Pressure 3 Months after TIPS *Hongyan Dai*
(Dept. of Radiology, Affiliated Hosp. of Yunnan Univ.)

ARO9-6 Computed Tomography Perfusion Measurements in Colorectal Cancer: Comparison between Standard Singular-value Decomposition and Maximum Slope Mathematical Models *Yanyan Xu*
(Dept. of Radiology, China-Japan Friendship Hosp.)

Oral & Electronic Poster Presentation 10

April 16 (Fri.) 16:00~16:50, G301 (Room 2)

AOCR-JRS Conjoint Scientific Session: Genitourinary

Moderator: Yoshitaka Okada (Saitama Medical University International Medical Center)

ARO10-1 Assessment of Uterine Artery Recanalization after Uterine Artery Embolization using Non-contrast Enhanced Magnetic Resonance Angiography. *Juliana Yumi Ishisaki*
(Dept. of Radiology, Juntendo Univ., Tokyo, Japan)

ARO10-2 Mucinous Tumors Arising from Ovarian Teratomas as Another Source of Pseudomyxoma Peritoneii: MR Findings *Yumiko O. Tanaka*
(Diagnostic Imaging Dept., Cancer Institute Hosp. of Japanese Foundation for Cancer Research, Tokyo, Japan,Dept. of Diagnostic & Interventional Radilogy, Tsukuba Univ. Hosp., Tsukuba, Japan)

ARO10-3 Changes of the Ovary in MR Imaging Findings ; Response to CCRT in Patients with Uterine Cervical Cancer. *Kensuke Inamura*
(Dept. of Radiology, Dokkyo Medical Univ.)

ARO10-4 Whole-volume CT Texture Analysis in Differentiating Clinicopathological Characteristics of Ovarian Carcinoma
Mandi Wang
(Dept. of Diagnostic Radiology, The Univ. of Hong Kong, Hong Kong SAR, China)

ARO10-5 Xanthogranulomatous Orchitis - Mimicker of Testicular Tumour *Hoi Ling Chan*
(Dept. of Radiology, North District Hosp., Hong Kong)

Oral & Electronic Poster Presentation 11
April 17 (Sat.) 16:20~16:40, 304 (Room 7)
AOCR-JRS Conjoint Scientific Session: Breast
Moderator: Satake Hiroko (Nagoya University)

ARO11-1 Four-dimensional Similarity Filter with Body Registration in Preoperative Breast Cancer Evaluation: A Preliminary Experience *Kanako Okada*
(Dept. of Radiology, Ehime Univ. Graduate School of Medicine)

ARO11-2 Evaluation of [89Zr]Zr-DFO-trastuzumab for Her2 PET in Breast Cancer Xenograft-bearing Mice *Nannan Zhao*
(Cancer Hosp. of China Medical Univ., Liaoning Cancer Hosp. & institute)

Oral & Electronic Poster Presentation 12
April 17 (Sat.) 9:30~10:10, 313+314 (Room 5)
AOCR-JRS Conjoint Scientific Session: Interventional Radiology
Moderator: Keigo Osuga (Osaka Medical College)

ARO12-1 Diagnosis of Retroperitoneal Tumors in Children by Ultrasound-guided Core Needle Biopsy in a Retrospective Study on 52 Cases *Nguyen Thi Thanh Huong*
(Radiology Dept., Viet Nam National Children's Hosp.)

ARO12-2 Value of CT Diagnosis of Portal Vein Branch Aneurysm *Guoping Zhang*
(Shaanxi provicial people s Hosp.)

ARO12-3 The Utility of Simultaneous CT-guided Localization for Multiple Pulmonary Nodules using Microcoil before Video-Assisted Thoracic Surgery *Yanyan Xu*
(Dept. of Radiology, China-Japan Friendship Hosp.)

ARO12-4 Implication of CT-guided Coaxial Core Transthoracic Lung Biopsy Guided by CT and PET/CT Fusion Imaging
Hongliang Sun
(Dept. of Radiology, China-Japan Friendship Hosp.)

Oral & Electronic Poster Presentation 13
April 17 (Sat.) 16:00~16:50, G301 (Room 2)
AOCR-JRS Conjoint Scientific Session: Cardiovascular 2
Moderator: Shingo Kato (Department of Diagnostic Radiology, Yokohama City University)

ARO13-1 The Usefulness of Cardiovascular Magnetic Resonance in the Evaluation of Severe Aortic Stenosis before Transcatheter Aortic Valve Implantation *Masahiro Takakado*
(Dept. of Radiology, Ehime Univ. Graduate School of Medicine, Ehime, Japan)

ARO13-2 Diagnostic Performance of Coronary CT Angiography with Filter Convolution 56 Half-cycle Reconstruction Based on 320-row CT: Comparison with Routine Reconstruction *Yi Man*
(The first affiliated Hosp. of Wenzhou Medical Univ.)

ARO13-3 Low-Attenuation Noncalcified Plaque and Pericoronary Adipose Tissue Evaluated by Coronary CT Angiography: Relationship with Acute Coronary Syndrome *Tingting Han*
(Xi'an Medical College)

ARO13-4 Explore the Advantage of Variable Helical Pitch Technique in Aorta CTA Imaging *Kai Xu*
(Dept. of Radiology, Peking Union Medical College Hosp.)

ARO13-5 Comparison on Image Quality of Two Type Low-dose Scan CE BOOST and TIMEMIP on Blood Capillary of Foot
Fei Fei Cai
(Dept. of Radiology, Shaoxing People's Hosp.)

AOCR Poster Session

AOCR Poster Session
(On-demand Program)

APS001 Prospective Study in the evaluation of the role of MR Spectroscopy with MRI of Ring Enhancing lesions in the Brain
Sudhanshu Tonpe
(Dept. of Radiology, Apollo Institute of Medical Sciences and Research, India)

APS002 Artificial Intelligence based Chatbot in Radiology Education
Sudhanshu Tonpe
(Dept. of Radiology, Apollo Institute of Medical Sciences and Research, India)

APS003 Radiomics Based On 18 F-Fdg Pet/Ct In Breast Cancer Detection Using Deep Learning: A Preliminary Study
Sudhanshu Tonpe
(Dept. of Radiology, Apollo Institute of Medical Sciences and Research, India)

APS004 Artificial Intelligence in the evaluation of Acute abdomen on Computed Tomography
Sudhanshu Tonpe
(Dept. of Radiology, Apollo Institute of Medical Sciences and Research, India)

APS005 What are the challenges for radiologists in doing 3D printing modeling in mandibular reconstruction using bone flap?
Shan Shan Cheng
(Radiology and Imaging, Queen Elizabeth Hosp., Hong Kong)

APS006 Ductogram Features of Patients with Single Nipple Discharge – A Single Center 5-year Review
Hoi Ling Chan
(Dept. of Radiology, North District Hosp., Hong Kong)

Luncheon Seminar

Luncheon Seminar 1
April 15 (Thu.) 12:00~12:50, G303+G304 (Room 1)
How can we see the liver from imaging?
Chairperson: Satoshi Goshima (Hamamatsu Univ. Sch. of Medicine, Japan)

1. Recent MR imaging for assessment of NASH — *Kento Imajo*
(Dept. of Gastroenterology and Hepatology, Yokohama City Univ., Japan)

2. Recent imaging tips for diagnosis of HCC — *Shintaro Ichikawa*
(Dept. of Radiology, Univ. of Yamanashi, Japan)

Sponsored by: GE Healthcare Japan Corporation

Luncheon Seminar 2
April 15 (Thu.) 12:00~12:50, G301 (Room 2)
Latest Diagnostic & Treatment on Neuro
Chairperson: Masaaki Hori (Toho Univ. Omori Medical Center, Japan)

1. MRI for Acute Management of Stroke
〜Arterial Spin Labeling as a Key Decision Maker〜 — *Yoshimasa Niiya*
(Otaru General Hosp., Japan)

2. New Trends: Hybrid Neuro-Surgery with FlexArm — *Taketo Hatano*
(Kokura Memorial Hosp., Japan)

Sponsored by: Philips Japan, Ltd.

Luncheon Seminar 3
April 16 (Fri.) 12:00~12:50, G303+G304 (Room 1)
Expanding the possibilities of diagnostics with innovative CT technology
Chairperson: Noriko Oyama-Manabe (Jichi Medical Univ. Saitama Medical Center, Japan)

1. Thoracic Imaging on High-Spatial-Resolution CT: From Image Quality to Diagnostic Performance — *Masahiro Yanagawa*
(Diagnostic and Interventional Radiology, Osaka Univ. Granduate Sch. of Medicine, Japan)

2. Up to date ASCI guidelines:Pediatric Cardiovascular Imaging with Area Detector CT — *Eriko Maeda*
(Dept. of Radiology, Graduate Sch. of Medicine, Univ. of Tokyo, Japan)

Sponsored by: CANON MEDICAL SYSTEMS CORPORATION

Luncheon Seminar 4
April 16 (Fri.) 12:00~12:50, G301 (Room 2)
Key Points of Diagnostic Imaging in CNS Region to the Next Stage
Chairperson: Yukio Miki (Osaka City Univ., Japan)

1. "From Diffusion MRI to Human Brain Connectomics" — *Koji Kamagata*
(Dept. of Radiology Juntendo Univ., Japan)

2. Glymphatic system; Challenges for the visualization by MRI — *Shinji Naganawa*
(Dept. of Radiology Nagoya Univ., Japan)

Sponsored by: Guerbet Japan KK

Luncheon Seminar 5
April 17 (Sat.) 12:00~12:50, G301 (Room 2)
CT･MR Clinical Trends & New Findings in Cardiovasculer imaging
Chairperson: Kei Takase (Tohoku Univ. Sch. of Medicine, Japan)

1. 4D flow MRI as a Comprehensive Assessment Tool of Hemodynamics and its Application to Cardiac Surgery.
Keiichi Itatani
(Dept. of Cardiovascular Surgery, Cardiovascular Imaging Research Laboratory, Adult Congenital Heart Disease Center, Kyoto Prefectural Univ. of Medicine, Japan)

2. The AMPLIFiED multicenter study: Results and implications for clinical use of dynamic CT perfusion imaging.
Kakuya Kitagawa
(Dept. of Advanced Diagnostic Imaging, Mie Univ. Graduate Sch. of Medicine, Japan)

Sponsored by: Siemens Healthcare K.K.