Program

Day 1 Thursday, May 31 Room 1 (Palais Royal A)

8:20-8:30 Opening Remarks

8:30-9:50 Symposium 1
Advance in interventional management for unresectable HCC
(Advance in IR for unresectable HCC)

Chairs: Satoru Murata Teikyo University Chiba Medical Center IVR Center
Jian Wang Department of Interventional Radiology and Vascular Surgery, 1st Hospital, Peking University

SY-1-1 International survey on cTACE
Jafar Golzarian
Division of Interventional Radiology & Vascular Imaging, University of Minnesota

SY-1-2 The rationale and the actual procedure of conventional TACE for HCC
Hiroshi Anai
Department of Radiology, Nara City Hospital

SY-1-3 Why is superselective cTACE necessary?
Shiro Miyayama
Department of Diagnostic Radiology, Fukuiken Saiseikai Hospital

SY-1-4 Novel treatment strategy for locally-advanced hepatocellular carcinoma
Daisuke Yasui
Nippon Medical School, Department of Radiology

SY-1-5 Radiofrequency ablation for HCC: current status and future perspective
Shuichiro Shinya
Department of Gastroenterology, Juntendo University, Tokyo, Japan
Day 1  Thursday, May 31  Room 1 (Palais Royal A)

10:10-11:30  Symposium 2

Oncologic Intervention of the Pancreas

Chairs: Takeshi Aramaki  Division of Interventional Radiology, Shizuoka Cancer Center
        Jafar Golzarian  Division of Interventional Radiology & Vascular Imaging, University of Minnesota

- SY-2-1  Evaluating the feasibility of isolated pancreatic perfusion therapy in pig models
  Satoru Murata  Teikyo University Chiba Medical Center IVR Center

- SY-2-2  Intraarterial chemotherapy for advanced pancreatic cancer
  Toshihiro Tanaka  Nara Medical University, Japan

- SY-2-3  Endoscopic intervention for pancreatic cancer
  Ichiro Yasuda  Department of Gastroenterology, Teikyo University Mizonokuchi Hospital

- SY-2-4  Technical TIPS of drainage for pancreatic fistula after pancreatic resection
  Daisuke Abo  Department of Diagnostic and Interventional Radiology, Hokkaido University

12:00-12:50  Luncheon Seminar 1

Current Status and Future Prospective of Intervention with Latest IVR-CT in Osaka University

Chair: Daisuke Abo  Department of Radiology, Hokkaido University Graduate School of Medicine

- LS-1  Hiroki Higashihara  Assistant Professor Department of Radiology Osaka University Graduate School of Medicine

Sponsored by Siemens Healthcare K.K.

13:00-13:20  Presidential Address

Chair: Kimiyoshi Mizunuma  Department of Diagnostic & Interventional Radiology, Nasu Red Cross Hospital

- PA  Passion Beyond Limits
  Hiroyuki Tajima  Center for Minimally Invasive Treatment, Nippon Medical School Musashikosugi Hospital, Kawasaki, Kanagawa, Japan
Day 1 Thursday, May 31 Room 1 (Palais Royal A)

13:30-14:00  **Special Lecture 1**  
JSIR meets Sweden  
Chair: Tsuneo Ishiguchi  
*Aichi Medical University*

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**SL1**  
Great achievement of Ivan Seldinger and the current status of Seldinger Society  
Michael Åkesson  
*Scandinavian Venous Centre/Lund University*

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14:00-16:00  **Symposium 3**  
IR for Venous Thromboembolism  
*Chairs: Jun Koizumi  
Department of Diagnostic Radiology, Tokai University School of Medicine  
John Kaufman  
Department of Interventional Radiology, Dotter Interventional Institute, Oregon Health & Science University*

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**SY-3-1**  
Rotatable pigtail catheter intervention in massive pulmonary embolism: from idea to clinical validation  
Thomas Schmitz-Rode  
*Institute of Applied Medical Engineering, RWTH Aachen University*

**SY-3-2**  
Present Status and Clinical Assessment of Interventional Radiology for the Treatment of Acute Massive Pulmonary Thromboembolism  
Hiroyuki Tajima  
*Center for Minimally Invasive Treatment and Department of Radiology, Nippon Medical School  
Musashikosugi Hospital, Kawasaki*

**SY-3-3**  
CT-guided BPA: Interventional approach for the treatment CTEPH  
Tetsuya Fukuda  
*Department of Radiology, National Cerebral and Cardiovascular Center*

**SY-3-4**  
Deep venous intervention (Tentative)  
John Kaufman  
*Department of Interventional Radiology, Dotter Interventional Institute, Oregon Health & Science University*

**SY-3-5**  
Vena Cava Filters In PE Treatment: Do We Need To Do This, And If So, When and which type of filter we choose  
Fuxian Zhang  
*Beijing Shijitan Hospital of Capital Medical University*

**SY-3-6**  
Multicenter investigation for vena caval filter fractures with the evaluation using 4D-CT  
Jun Koizumi  
*Department of Diagnostic Radiology, Tokai University School of Medicine*
Day 1 Thursday, May 31 Room 1 (Palais Royal A)

16:00-16:30 **Special Lecture 2**
Special Exchange Lecture from Taiwan

Chair: Koichiro Yamakado  *Hyogo College of Medicine*

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SL2 Cryoablation Application in Extraperitoneal Oligometastasis
Shu-Huei Shen
*Department of Radiology Taipei Veterans General Hospital, Taipei, Taiwan*
### Day 1 Thursday, May 31 Room 2 (Palais Royal B)

#### 8:30-9:50 Symposium 4
**NeuroIR**

**Chairs:** Yukunori Korogi  *Department of Radiology, University of Occupational and Environmental Health*
Masahiro Horikawa  *Dotter Interventional Institute, Oregon Health & Science University*

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<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>SY-4-1</td>
<td>Endovascular treatment of acute ischemic stroke – update</td>
<td>Klaus Hausegger  <em>Klinikum Klagenfurt am Wörthersee Institut für Diagnostische und Interventionelle Radiologie Vorstand</em></td>
</tr>
<tr>
<td>SY-4-2</td>
<td>Treatment of Aggressive dural AVFs: Technical and material consideration</td>
<td>Anchalee Churojana  <em>Mahidol University</em></td>
</tr>
<tr>
<td>SY-4-3</td>
<td>Basic techniques in endosaccular coiling of cerebral aneurysms</td>
<td>Hiro Kiyosue  <em>Department of Radiology, Oita University Hospital</em></td>
</tr>
</tbody>
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#### 10:10-11:30 Scientific Session 1
**Vein (1)/Bone & Soft Tissue**

**Chairs:** Kazumasa Seiji  *Diagnostic Radiology, Tohoku University Hospital*
Gerard Goh  *The Alfred Hospital, Australia*

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<tr>
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<tr>
<td>O-1-1</td>
<td>Endovenous Laser ablation for lower extremity varices. -Evaluation of treatment by MRV-</td>
<td>Kazuki Murai  <em>Department of Radiology, IVR center, Daito Central Hospital, Osaka, Japan</em></td>
</tr>
<tr>
<td>O-1-2</td>
<td>Endovenous embolization of incompetent saphenous veins with a novel ultra-rapid acting NBCA</td>
<td>Rie Yagi  <em>Department of Cardiovascular Surgery, Edogawa Hospital, Tokyo, Japan</em></td>
</tr>
<tr>
<td>O-1-3</td>
<td>Ultrasound guided NBCA embolization for incompetent saphenous vein without anesthesia</td>
<td>Naoki Sakakibara  <em>Department of Cardiovascular Surgery, Edogawa Hospital, Tokyo, Japan</em></td>
</tr>
<tr>
<td>O-1-4</td>
<td>Optimal sampling position in left adrenal venous sampling including left inferior phrenic vein</td>
<td>Takuji Araki  <em>The Department of Radiology, University of Yamanashi, Yamanashi, Japan</em></td>
</tr>
<tr>
<td>O-1-5</td>
<td>The utility of Angio-CT during adrenal venous sampling to confirm the right adrenal vein</td>
<td>Koji Maruyama  <em>Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan</em></td>
</tr>
</tbody>
</table>
**Day 1 Thursday, May 31 Room 2 (Palais Royal B)**

**O-1-6**  
Migration length of central venous access ports catheter tip  
Takui Maruyama  
*Department of Radiology, Kansai Medical University, Osaka, Japan*  

**O-1-7**  
Evaluation of central venous port-related infection in removal cases  
Masanori Yamashita  
*Kyoto Prefectural University of Medicine, Radiology, Kyoto, Japan*  

**O-1-8**  
The feasibility of preoperative embolization for partial resection of hypervascular spinal tumor  
Ryuichiro Tani  
*Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan*  

**O-1-9**  
Usefulness of percutaneous drainage in patients with spondylodiscitis as detecting organism  
Daisuke Yunaiyama  
*Department of Radiology, Tokyo Medical University, Tokyo, Japan*  

**O-1-10**  
Initial experience of transcatheter arterial embolization using Imipenem for adhesive capsulitis  
Masao Hamuro  
*Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine, Osaka, Japan*  

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**12:00-12:50  Luncheon Seminar 2**

**Chair:**  

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**14:30-17:00  Symposium 5**

Japanese Society of Interventional Radiology for Vascular Anomalies Symposium

**Part 1: Oral Session**

**Chairs:**  
Masanori Inoue  *Keio University*  
Shiro Onozawa  *Department of Radiology, Teikyo Mizonokuchi Hospital, Kawasaki, Japan*

**SY-5-1**  
Capillary Malformation/Arteriovenous Malformation (CM/AVM)  
Yuo Iizuka  
*Department of Neuroradiology, Cerebrospinal Endovascular Therapy Center, Chibanishi General Hospital, Matsudo, Chiba, Japan*
Day 1 Thursday, May 31 Room 2 (Palais Royal B)

SY-5-2 Venous sac and feeding artery embolization for pulmonary arteriovenous malformations (PAVMs)
Reiko Woodhams
Diagnostic Radiology, Kitasato University School of Medicine, Kanagawa, Japan

SY-5-3 Evaluation on Imaging of Contrast-loaded Superabsorbent Polymer Microspheres with a Flow Model
Akiko Narita
Department of Radiology, Aichi Medical University, Nagakute, Japan

SY-5-4 Retrieval of migrated N-butyl-2 cyanoacrylate cast using snare Kit during AVM/AVF embolization: case reports
Ramy Ahmed
Oita University, Faculty of Medicine, Oita, Japan

SY-5-5 Ultrasound-guided Bleomycin Injection Sclerotherapy for Microcystic Lymphatic Malformation of the Tongue
Luke Toh
KK Women’s and Children’s Hospital

SY-5-6 Embolization of systemic-to-pulmonary Arteriovenous Malformation secondary to empyema necessitans
Pietro Boscarato
Interventional Radiology, AOU Ospedali Riuniti, Ancona

Part 2: Teaching Lecture

Chair: Hidefumi Mimura Department of Radiology, St. Marianna University School of Medicine

SY-5-7 Embolization with ethylene vinyl alcohol copolymer for the treatment of uterine arteriovenous malformations
Vincent Vidal
Interventional Radiology, Aix-Marseille University, Hospital TIMONE

SY-5-8 Head & Neck Vascular Anomaly: Perspective for Interventional Radiology Treatment
Anchalee Churojana
Mahidol University

Part 3: Case Based Discussion

Moderators: Keigo Osuga Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine
Hiro Kiyosue Department of Radiology, Oita University Hospital

Commentators: John Kaufman Department of Interventional Radiology, Dotter Interventional Institute, Oregon Health & Science University
Vincent Vidal Interventional Radiology, Aix-Marseille University, Hospital TIMONE
Anchalee Churojana Mahidol University

SY-5-9 Giant Hemorrhagic Retroperitoneal Macrocystic Lymphatic Malformation
John Kaufman
Department of Interventional Radiology, Dotter Interventional Institute, Oregon Health & Science University
<table>
<thead>
<tr>
<th>Session</th>
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</table>
| SY-5-10 | Complicated pelvic arterio-venous malformation treated with combined approach: embolization and surgery | Vincent Vidal  
*Interventional Radiology, Aix-Marseille University, Hospital TIMONE*                                                             |
| SY-5-11 | Bleeding venous malformation in H&N: how to manage                   | Anchalee Churojana  
*Mahidol University*                                                                                                               |

18:20-19:20 代議員会
Scientific Session 2

Liver

Chairs: Kazunori Kuroki  
Graduate School of Health Sciences, Department of Medical Radiological Technology, Faculty of Health Sciences, Kyorin University
Norifumi Nishida  
Osaka Saiseikai Nakatsu Hospital

O-2-1 Analysis of HCC treated with radiofrequency ablation using local injection of hyaluronic acid
Koji Nobata
Department of Radiology, Koseiren Takaoka Hospital, Toyama, Japan

O-2-2 Lusutrombopag may be efficacious and safe in radiofrequency ablation (RFA)
Shuichiro Shina
Department of Gastroenterology, Juntendo University, Tokyo, Japan

O-2-3 Usefulness of radiofrequency ablation training programs for liver tumors
Shuichiro Shina
Department of Gastroenterology, Juntendo University, Tokyo, Japan

O-2-4 A retrospective study of feasibility and safety of transjugular liver biopsy
Keisuke Nagai
Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine, Osaka, Japan

O-2-5 Long term effect by Balloon-occluded retro grade transvenous obliteration (B-RTO)
Shinya Sakita
Yokohama city red cross hospital, Yokohama, Japan

O-2-6 Hepatic hemangioma treated with transcatheter arterial chemoembolization: efficacy and outcomes
Pooya Torkian
School of Medicine, Shahid Beheshti University of Medical Sciences, Tehran, Iran

O-2-7 Hepatic arterial infusion chemotherapy in patients with liver metastases from colorectal cancer
Yozo Sato
Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital, Nagoya, Japan

O-2-8 In vitro characterization of idarubicin-loaded superabsorbent polymer microsphere (Hepasphere™)
Yasushi Kimura
Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine

O-2-9 Comparison of fibrin glue and absolute ethanol as an embolic agent on PTPE
Shinsaku Yata
Department of Radiology, Tottori University, Tottori, Japan

O-2-10 Portal vein stent placement - Benefit of laparotomy-assisted transileocolic venous approach
Sakiko Kageyama
Department of Diagnostic Radiology, Tohoku University Hospital, Miyagi, Japan
Day 1 Thursday, May 31 Room 3 (Châtelet)

12:00-12:50 **Luncheon Seminar 3**
Let’s Start Balanced-TACE
Chair: Yoshitaka Inaba  
*Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital, Nagoya, Japan*

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LS-3
Masakazu Hirakawa  
*Department of Radiology, Kyushu University Beppu Hospital, Oita, Japan*  
Sponsored by Sumitomo Dainippon Pharma Co., Ltd.

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14:30-15:50 **Scientific Session 3**
HCC, TACE
Chairs: Tetsuya Minami  
*Kanazawa Medical University Hospital*  
Yang-Jun Kang  
*Chonnam National University Hospital*

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**O-3-1** Usefulness of ALBI score in evaluation of the effect on liver function of TACE for multiple HCC  
Hideyuki Nishiofuku  
*Radiology, IVR Center, Nara Medical University, Nara, Japan*

**O-3-2** TACE-induced hepatobiliary injury: comparison of DCB-TACE vs. conventional TACE  
Yusuke Ono  
*The Department of Diagnostic and Interventional Radiology, University of Osaka, Osaka, Japan*

**O-3-3** Bland TAE for patients with large HCCs: Retrospective comparison with conventional TACE  
Toshihiko Hamamura  
*Department of Radiology, University of Occupational and Environmental Health, Kitakyushu, Japan*

**O-3-4** Combined Bland Embolization and Conventional Transarterial Chemoembolization Using Calibrated PVA for Massive Hepatocellular Carcinoma with Macrovascular Invasion  
Yang-Jun Kang  
*Chonnam National University Hospital*

**O-3-5** Innovative method of contrast enhancing to foresee the distribution change of lipiodol in B-TACE  
Ryuichi Kita  
*Department of Gastroenterology and Hepatology, Osaka Red Cross Hospital, Osaka, Japan*

**O-3-6** Retrospective comparison of TACE for HCC using 1:2 and 1:1 water-oil emulsion ratios  
Hidenari Hongyo  
*Graduate School of Medicine Faculty of Medicine, Osaka University, Osaka, Japan*

**O-3-7** Short-term Results of TACE with CDDP-loaded HepaSpheres and Gelparts for Hepatocellular Carcinoma  
Noboru Maeda  
*Department of Diagnostic and Interventional Radiology, Osaka International Cancer Institute, Osaka, Japan*
Day 1 Thursday, May 31 Room 3 (Châtelet)

O-3-8 Combined treatments with TAI/TACE and radiotherapy for HCCs with portal/venous tumor thrombi  
Kenta Anai  
Department of Radiology, University of Occupational and Environmental Health, Kitakyushu, Japan

O-3-9 Boron Neutron Capture Therapy to Hepatocellular Carcinoma with Intra-Arterial Injection of BSH-WOW Emulsion  
Hironobu Yanagie  
Nuclear Engineering & Management, Graduate School of Engineering, The University of Tokyo, Tokyo, Japan

16:00-17:00 Featured Poster

Chairs: Shuzo Kanasaki Koseikai Takeda Hospital  
Toshi Hashimoto Showa University Fujigaoka Hospital

FP-1 Experience of RADPLAT for maxillary cancer-consideration on its limitation and usefulness  
Mika Kamiya  
Department of Radiology, Hamamatsu University School of Medicine, Hamamatsu, Japan

FP-2 Evaluation of the origin of the last normal branch from feeding artery of the pulmonary AVMs  
Miyuki Maruno  
Department of Radiology, Oita University Faculty of Medicine, Yufu, Japan

FP-3 Trans Arterial Embolization using Embosphere in Treatment of Multiple Liver Metastases from NET  
Akiyoshi Yamashita  
Japanese Red Cross Medical Center, Tokyo, Japan

FP-4 Real time CT guided oblique puncture with 'direct MPR' for liver RFA combined with TACE  
Rui Sato  
Division of Interventional Radiology, Shizuoka Cancer Center

FP-5 Safety of Embolization of Pseudoaneurysms after Partial Nephrectomy: Review of 52 cases  
Yuka Matsuzaki  
School of Medicine, Tokyo Women's Medical University

FP-6 Image-guided percutaneous adrenal biopsy: review of a 10-year experience  
Tetsuya Hasegawa  
Department of Diagnostic Radiology, National Cancer Center, Tokyo, Japan

FP-7 2D-shear wave elastography in the evaluation of endoleak after stent-graft treatment of AAA  
Yuya Bando  
Department of Radiology, Konan Kosei Hospital, Aichi, Japan
Day 1 Thursday, May 31 Room 3 (Châtelet)

FP-8 Usefulness of Coagulation Biomarkers to Detect Arterial Extravasation in Stable Pelvic Fractures
Makoto Aoki
*Department of Emergency Medicine, Gunma University Graduate School of Medicine, Maebashi, Japan*

FP-9 Evaluation of usefulness of fatty tissue as an embolic material: A basic investigative animal study
Kai Takaki
*Department of Radiology, Shiga University of Medical Science*

FP-10 The efficacy of lymph node embolization using N-butyl cyanoacrylate compared to ethanol sclerotherapy in the management of symptomatic lymphocele after pelvic surgery
Jeong-Eun Kim
*Hallym University Medical Center*

17:10-18:00 Sponsored Seminar 1

**What is AZURCX? Power of 2nd generation Hydrcoil**

Chair: Masaaki Akahane *International University of Health and Welfare, School of Medicine*  
*Department of Radiology*

SS-1 The Characteristics of Hydro Coil from the Viewpoint of Biomedical
Kiyotaka Iwasaki  
*Cooperative Major in Advanced Biomedical Sciences, Graduate School of Advanced Science and Engineering, Waseda University (Tokyo Women's Medical University - Waseda University Joint Graduate School)*

Coil Embolization Using AZURCX Based on Theoretical and Scientific Rationale
Kouhei Hamamoto
*Jichi Medical University Saitama Medical Center Department of Radiology*

Sponsored by TERUMO CORPORATION
Day 1 Thursday, May 31 Room 4 (Étoile)

10:10-11:30  Scientific Session 4

TEVAR

Chairs: Yoshiaki Katada  Department of Radiology, Tokyo Women’s Medical University Medical Center East
Motoki Nakai  Department of Radiology, Wakayama Medical University

O-4-1  Insufficient Factors of Aortic Remodeling after PETTICOAT TEVAR for Type B Aortic Dissection
Takanori Taniguchi  Department of Diagnostic Radiology, Tenri Hospital

O-4-2  Clinical utility of the Candy-Plug technique using an Excluder aortic cuff
Yukihsa Ogawa  Department of Radiology, St. Marianna University, School of Medicine, Kanagawa, Japan

O-4-3  Measuring the greater curvature can provide Accurate Prediction of Stentgraft Position for TEVAR
Takahiro Nakai  Department of Radiology, Nara Medical University Hospital, Kashihara, Japan

O-4-4  Chronic aortic remodeling after thoracic endovascular aortic repair for thoracic aortic aneurysm
Noritaka Kamei  Department of Radiology Oita University Faculty of Medicine

O-4-5  Preliminary experiences of segmental artery coil embolization to prevent spinal cord injury
Etsuji Sohgawa  Department of Diagnostic and Interventional Radiology, Osaka City University Graduate School of Medicine, Osaka, Japan

O-4-6  Transarterial embolization for type II endoleak after TEVAR - A single institutional experience
Tomoyuki Gentsu  Dept. of Radiology, Hyogo Brain and Heart Center, Himeji, Japan

O-4-7  Direct transthoracic approach for type 1a endoleak after TEVAR in pig models
Onozawa Shiro  Department of Radiology, Teikyo University Mizonokuchi Hospital, Kanagawa, Japan
### Day 1 Thursday, May 31 Room 4 (Étoile)

#### 12:00-12:50 Luncheon Seminar 4

CT guided needle biopsy in Non-Small Cell Lung Cancer

**Chair:** Susumu Kanazawa  *Department of Radiology, Okayama University Medical School*

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**LS-4**  Takao Hiraki  
*Department of Radiology, Okayama University Medical School*  

Sponsored by AstraZeneca K.K.

#### 14:30-15:50 Scientific Session 5

Emergency

**Chairs:** Saebeom Hur  *Seoul National University Hospital*  
Masato Yamaguchi  *Department of Radiology, Kobe University Hospital*

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**O-5-1** Study of Hemodynamics and Angiography Undergoing Veno-arterial Extracorporeal Membrane Oxygenation  
Taro Yokoyama  
*The Department of Radiology, Teikyo University School of Medicine, Tokyo, Japan*

**O-5-2** Impact of Hybrid Emergency Room on Practice Time for Trauma Hemostasis  
Yu Sasaki  
*The Department of Radiology, Teikyo University School of Medicine, Tokyo, Japan*

**O-5-3** CT finding and endovascular therapy for extra-cranial mycotic aneurysm due to infective endocarditis  
Wataru Higashiura  
*The Department of Radiology, Okinawa Prefectural Chubu Hospital, Uruma, Japan*

**O-5-4** Spontaneous intramuscular hematoma: indication of TAE and outcome  
Tetsuya Masada  
*Department of Radiology, Nara Medical University, Kashihara, Japan*

**O-5-5** Evaluation of transarterial embolization for spontaneous intramuscular hematomas  
Yasuyuki Ono  
*Kansai Medical University Radiology Osaka, Japan*

**O-5-6** Spontaneous bleeding in patients with anticoagulant therapy (AT) treated with Transarterial Embolization (TAE)  
Roberto Candelari  
*Interventional Radiology, AOU Ospedali Riuniti, Ancona*

**O-5-7** Temporary endovascular balloon occlusion of the pulmonary artery in traumatic lung bleeding  
Takehito Yokoi  
*Department of Radiology, The Cancer Institute Hospital of JFCR, Tokyo, Japan*
Day 1 Thursday, May 31 Room 4 (Étoile)

O-5-8 The Safety and Efficacy of Embolization in the Treatment of Post-gastrectomy Hemorrhages
Ki-Chang Han
Yonsei University Severance Hospital

16:00-17:00 Scientific Session 6 Neuro/Head and Neck

O-6-1 Embolization for acute hemorrhage in patients with head and neck cancer
Yutaka Koide
Department of Radiology and Center for endovascular therapy, Kobe University Hospital, Kobe, Japan

O-6-2 Plaque protrusion during carotid artery stenting: risk factors determined by MR plaque imaging
Katsutoshi Takayama
Department of Radiology and Interventional neuroradiology, Ishinkai Yao General Hospital, Yao, Japan

O-6-3 Carotid artery stenting for near occlusion with full collapse: 30-Day and long-term outcome
Katsutoshi Takayama
Department of Radiology and Interventional neuroradiology, Ishinkai Yao General Hospital, Yao, Japan

O-6-4 An audit of thyroid ultrasound-guided fine needle aspiration cytology in a tertiary hospital
Tian Kai Woon
Duke-NUS Medical School

17:10-18:00 Sponsored Seminar 2 Challenge This Case with CERENOVUS COIL ~Type II End Leak Edition~

Chair: Hiro Kiyosue Department of Radiology, Faculty of Medicine, Oita University

SS-2 Keynote lecture of Type II End Leak and pitfall
Masanori Inoue
Department of Radiology, Keio University School of medicine

The treatment strategy of Type II Endoleak for EVAR, TEVAR or others
Norio Hongo
Department of Radiology, Faculty of Medicine, Oita University

Sponsored by Johnson & Johnson K.K.
10:10-11:40  
**技術教育セミナー 1  Technical Educational Session 1**

生検  Biopsy

| 1 | TJLB  
Usefulness of Transjugular liver access biopsy (TJLB)  
山本 晃 (Akira Yamamoto)  
大阪市立大学  
Department of Diagnostic and Interventional Radiology |
| 2 | CTガイド下内臓神経ブロック  
CT-guided splanchnic nerve block  
前田 弘彰 (Hiroaki Maeda)  
兵庫県がんセンター  
Department of Diagnostic Radiology, Hyogo Cancer Center |
| 3 | CTガイド下生検（肺以外）  
Percutaneous CT guided biopsy (except lung)  
田村 吉高 (Yoshitaka Tamura)  
熊本大学  
Department of Radiology, Kumamoto University, School of Medicine |

12:00-12:50  
**Luncheon Seminar 5**  
The Device Focused AVP and Guiding Sheath in Embolization

Chair: Kei Takase  
Department of Radiology, Kurume University School of Medicine

**LS-5**  
**AVP and Guiding sheath "Keio Style"**  
Masanori Inoue  
Department of Radiology, Keio University School of Medicine

**Tips giving the best ability for AVP**  
Norio Hongo  
Department of Radiology, Faculty of Medicine, Oita University

Sponsored by ABBOTT JAPAN CO., LTD. / MEDIKIT CO., LTD.
14:30-16:00 技術教育セミナー 2 Technical Educational Session 2
頭頸部動注 Intra-arterial cisplatin infusion for head and neck carcinoma
コーディネーター： 田中 法瑞（Norimitsu Tanaka）
久留米大学
Medical Imaging Center, Kurume University Hospital

1. 進行喉頭癌に対する動注化学放射線療法
RADPLAT for advanced larynxal carcinoma
田中 法瑞（Norimitsu Tanaka）
久留米大学
Medical Imaging Center, Kurume University Hospital

2. 頭頸部癌に対する超選択的動注化学放射線同時併用療法の実際—上顎洞癌を中心に—
Practice of Superselective Transarterial Infusion Therapy of High-dose Cisplatin with Concomitant Irradiation on Head and Neck Cancers: focused on maxillary cancers
鹿戸 将史（Masafumi Kanoto）
山形大学放射線診断科
Department of Radiology, Yamagata University Graduate School of Medical Science Medicine

16:00-17:00 外傷・救急IVRステップアップセミナー
Step up Seminar for trauma and emergency IR

座長： 近藤 浩行（Hiroshi Kondo）
帝京大学医学部放射線科学講座
Teikyo University School of Medicine

船戸 知弘（Tomohiro Funabiki）
清生会横浜市東部病院 救命救急センター
Saiseikai Yokohamashi Tobu Hospital

TE-1 頭部外傷に関して、IVRに知っておいてほしい事: 頭部外傷診療のコツとピットフォール
Keys and Pitfalls of the Management for Traumatic Brain Injury
横場 将司（Shoji Yokobori）
日本医科大学附属病院 高度救命救急センター
Department of Emergency and Critical Care Medicine, Nippon Medical School

TE-2 IVRに知って欲しいこと「骨盤骨折の初期治療」
Strategy of resuscitating pelvic fracture in ER
田島 康介（Kosuke Tajima）
藤田保健衛生大学病院救急科
Fujita Health University Hospital, Department of Emergency Medicine
**Day 2  Friday, June 1  Room 1 (Palais Royal A)**

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| 8:50-10:25 | **Symposium 6**  
Embolization - What’s the next?  
**Chairs:** Yasuaki Arai  *National Cancer Center*  
Jafar Golzarian  *Division of Interventional Radiology & Vascular Imaging, University of Minnesota*  

| SY-6-1     | New Agents, New Devices for embolotherapy  
Jafar Golzarian  
*Division of Interventional Radiology & Vascular Imaging, University of Minnesota*  

| SY-6-2     | New Field of embolotherapy  
Vincent Vidal  
*Interventional Radiology, Aix-Marseille University, Hospital TIMONE*  

| SY-6-3     | Trends of research in embolotherapy  
Matthew S Johnson  
*Indiana University*  

| SY-6-4     | Selective internal radiation therapy with Yttrium-90 -when should it be used?  
Thierry de Baère  
*Imagerie thérapeutique, Département d'imagerie, Gustave Roussy Cancer Campus*  

| SY-6-5     | Simon Yu Chun Ho  
*Department of Imaging & Interventional Radiology, Faculty of Medicine, The Chinese University of Hong Kong*  

| 10:30-11:50| **Featured Abstract**  
**Chairs:** Noboru Tanigawa  *Department of Radiology, Kansai Medical University*  
Vincent Vidal  *Interventional Radiology, Aix-Marseille University, Hospital TIMONE*  

| Commentators: | Afshin Gangi  *Interventional Radiology, University of Strasbourg*  
Masahiro Horikawa  *Dottor Interventional Institute, Oregon Health & Science University*  

| FA-1       | Search results in superselective cTACE with 3D-safety margin versus RFA for solitary small HCC  
Takeshi Matsumoto  
*Nara Medical University, Nara, Japan*  

| FA-2       | TGF- β1 blockade does not enhance immunomodulatory benefit of partial IRE in murine bladder tumor  
Eisuke Ueshima  
*Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan*  

| FA-3       | Internal Coil Packing of Amplatzer Vascular Plug: Experimental and Clinical Experiences  
Masamichi Koganemaru  
*Department of Radiology, Kurume University School of Medicine, Fukuoka, Japan*  

|
Day 2  Friday, June 1  Room 1 (Palais Royal A)

**FA-4**
B-RTO using 5% EOI mixing gelatin sponge particles for gastric varices
Atsushi Jogo  
*Osaka City University Graduate School of Medicine, Department of Diagnostic and Interventional Radiology*

**FA-5**
Transvenous ablation system of adrenal tumor: a preliminary experimental study
Hiroyuki Sakakibara  
*Department of Diagnostic Radiology, Tohoku University Graduate School of Medicine, Sendai, Japan*

**FA-6**
Risk Factors Predicting Stent Malfunction for Iliocaval Venous Occlusive Disease
Masayuki Endo  
*Department of Radiology, Tottori University, Tottori, Japan*

**FA-7**
A Phase II Clinical Trial of Vascular Embolization with Mixture of NBCA-Lipiodol (JIVROSG-0802)
Akira Kitagawa  
*The Department of Radiology, Aichi Medical University, Aichi, Japan*

**FA-8**
Experimental study on expansion rate and specific gravity of casts made from N-butyl-2-cyanoacrylate
Hiroki Kobayashi  
*Department of Diagnostic Radiology, Tokai University School of Medicine*

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12:00-12:50  **Luncheon Seminar 6**  
Transarterial Ablation (TAA) strategy by TACE Meister  
- 1.5Fr Microcatheter System Combined with EmboGuide-  

Chair: Osamu Matsui  *Kanazawa University*

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LS-6  
Shiro Miyayama  
*Fukui-ken Saiseikai Hospital*

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13:00-13:30  **Special Lecture 3**  
Special Lecture from SIR

Chair: Kimihiko Kichikawa  *Department of Radiology and IVR Center, Nara Medical University*

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SL3  
The current status of DCB and DES for femoropopliteal arterial disease: what we now know
Michael D Dake  
*Stanford University School of Medicine*
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<td>Special Lecture from CIRSE</td>
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<td><strong>Chair:</strong> Susumu Kanazawa</td>
<td><em>Department of Radiology, Okayama University Medical School</em></td>
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<td>14:00-14:30</td>
<td><strong>Special Lecture 5</strong></td>
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<td><strong>Chair:</strong> Shozo Hirota</td>
<td><em>Kohnan Hospital, Interventional Center</em></td>
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<td>14:30-15:00</td>
<td><strong>Special Lecture 6</strong></td>
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<td><strong>Chair:</strong> Tetsuo Sonomura</td>
<td><em>Department of Radiology, Wakayama Medical University</em></td>
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<td>15:00-17:00</td>
<td><strong>Symposium 7</strong></td>
<td>Joint Session JSEMSG: Current status and future of aortic endovascular</td>
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<td><strong>Chairs:</strong> Kimito Kichikawa</td>
<td><em>Department of Radiology and IVR Center, Nara Medical University</em></td>
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<td><strong>Hiroshi Nishimaki</strong></td>
<td><em>Department of Cardiovascular Surgery, St. Marianna University School of Medicine</em></td>
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<td><strong>SL4</strong> Outcomes of aortic stent-grafts: Old and New Devices</td>
<td>Robert A. Morgan <em>St George's University of London</em></td>
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<td><strong>SL5</strong> Special lecture from APSCVIR ('Present status of APSCVIR' + 'Drug Coated Balloon Angioplasty for Hemodialysis Access')</td>
<td>Bien Soo Tan <em>Singapore General Hospital</em></td>
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<td><strong>SL6</strong> Renal Denervation (RDN) in Intractable Pain from Upper Abdominal Malignancies</td>
<td>Gao-Jun Teng <em>Department of Radiology, Zhongda Hospital, Southeast University, Nanjing, China</em></td>
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<td><strong>SY-7-1</strong> The future of endovascular management of aortic dissection -- moving toward a cure</td>
<td>Michael D Dake <em>Stanford University School of Medicine</em></td>
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<td><strong>SY-7-2</strong> AORTIC DISSECTION: CHALLENGES, MANAGEMENT AND OUTCOMES</td>
<td>Robert A. Morgan <em>St George's University of London</em></td>
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**SY-7-3**  
Total Percutaneous Endovascular Repair of Abdominal Aortic Aneurysms (pEVAR)  
Klaus Hausegger  
*Klinikum Klagenfurt am Wörthersee, Institut für Diagnostische und Interventionelle Radiologie, Vorstand*

**SY-7-4**  
New Management Options for Hostile Neck and Juxta/Pararenal Aneurysms  
Andrew Holden  
*Interventional Radiology, Auckland Hospital, New Zealand*

**SY-7-5**  
Complex aortic endografting (fen/branch, flow modulators)  
Uei Pua  
*Tan Tock Seng Hospital*
9:00-9:30  Let's start peripheral vascular intervention-Special lecture

Chair:  Kimihiko Kichikawa  Department of Radiology and IVR Center, Nara Medical University

Where we were from and where we are going?
Tomoyasu Sato
Tsuchiya General Hospital
Sponsored by DAIICHI SANKYO HEALTHCARE CO.,LTD. / GE Healthcare Japan Corporation

9:30-10:30  Let's start peripheral vascular intervention-Video Symposium

Chairs:  Katsutoshi Takayama  Department of Radiology and Interventional neuroradiology, Ishinkai Yao General Hospital
Terumitsu Hasebe  Department of Radiology, Tokai University Hachioji Hospital, Tokai University School of Medicine

Presenter:  Shigeo Ichihashi  Dept of Radiology, Nara Medical University
Norio Hongo  Oita University Faculty of Medicine, Department of Radiology
Ryota Kawasaki  Hyogo Brain and Heart Center at Himeji
Motoki Nakai  Department of Radiology, Wakayama Medical University
Katsutoshi Takayama  Department of Radiology and Interventional Neuroradiology, Ishinkai Yao General Hospital

Commentator:  Masanori Inoue  Keio University
Koji Sugimoto  Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital
Ryoichi Tanaka  Department of Radiology, Iwate Medical University
Robert A. Morgan  St George’s University of London
Uei Pua  Tan Tock Seng Hospital
Sponsored by DAIICHI SANKYO HEALTHCARE CO.,LTD. / GE Healthcare Japan Corporation

10:30-11:50  Scientific Session 7

Peripheral artery

Chairs:  Hirsoh Yamamoto  Sumitomo Hospital Endovascular Therapy (IVR) Center
Uei Pua  Tan Tock Seng Hospital

Key note lecture 1

Robert A. Morgan  St George’s University of London

Key note lecture 2

New Treatments for the Superficial Femoral Artery in 2018
Andrew Holden  Interventional Radiology, Auckland Hospital, New Zealand
Day 2 Friday, June 1 Room 2 (Palais Royal B)

**O-7-1**
PTA for chronic total occlusion in iliac arteries with an intracardiac ultrasound guidance  
Katsuki Oji  
*Department of radiology, Faculty of Medicine, Oita University, Japan*

**O-7-2**
Endovascular treatment for limb salvage after surgical revascularization  
Naokazu Miyamoto  
*Department of Radiology, Kita-Harima Medical Center*

**O-7-3**
Subintimal recanalized calcified aorto-iliac occlusion with antegrade contralateral snaring wire technique  
Kerati Hongsakul  
*Department of Radiology, Prince of Songkla University, Hat Yai, Songkhla, Thailand*

**O-7-4**
Technical tips for retrograde puncture technique for peripheral arterial intervention  
Sebeem Hur  
*Seoul National University Hospital*

12:00-12:50  
**Luncheon Seminar 7**

*Power of Hydrocoil*  
*Chair:* Hiro Kiyosue  
*Oita University Hospital Department of Radiology*

**LS-7**
Clinical Evidence of AZUR Hydrocoil  
Norio Hongou  
*Oita University Hospital Department of Radiology*

Usefulness of AZUR HydroCoil in Embolization of PAVM  
Masashi Shimohira  
*Nagoya City University Hospital Department of Radiology*  
*Sponsored by TERUMO CORPORATION*

15:00-17:00  
**Symposium 8**

*Case-based discussion: Interventional oncology*  
*Chairs:* Keigo Osuga  
*Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine*  
Thierry de Baër  
*Imagerie thérapeutique, Département d’imagerie, Gustave-Roussy Cancer Campus*

**SY-8-1**
Multimodality and/or multidisciplinary interventions in IO  
Afshin Gangi  
*Interventional Radiology, University of Strasbourg*

**SY-8-2**
Pathless woods of biopsy  
Miyuki Sone  
*Department of Diagnostic Radiology, National Cancer Center Hospital*
Day 2 Friday, June 1 Room 2 (Palais Royal B)

SY-8-3 Lung ablation / Bone osteosynthesis and cementoplasty
Thierry de Baère
Imagerie thérapeutique, Département d'imagerie, Gustave Roussy Cancer Campus

SY-8-4 Non-vascular intervention management
Yozo Sato
Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital

SY-8-5 Xxxxxxxxxxx
Matthew S. Johnson
Indiana University
Day 2 Friday, June 1 Room 3 (Châtelet)

8:00-8:50  Morning Seminar 1

How to Master Stent-graft for PAD

Chair: Kimihiko Kichikawa  Department of Radiology, IVR Center, Nara Medical University


MS-1  Huei-Lung, Liang  Kaosiumg Veterans General Hospital Chief, interventional section, Department radiology
Shigeo Ichihashi  Nara Medical University Department of Radiology and IVR Center  
Sponsored by W. L. Gore & Associates, Co., LTD.

10:30-11:50  Scientific Session 8

Chest

Chairs: Takao Hiraki  Okayama University Medical School
Priojo Sidipratomo  Faculty of Medicine, University Pembangunan National Indonesia, Ciptomangunkusumo Hospital

O-8-1  Phase I study of immunoRFA, RFA in combination with local injection of OK-432, for lung tumor  
Akira Yamamoto  Osaka City University Graduate School of Medicine Department of Diagnostic and Interventional Radiology

O-8-2  Does Computed-Tomography Guided Needle Biopsy of The Lung Increase The Risk of Pleural Seeding?  
Nobutake Ito  Department of Radiology, Keio University School of Medicine, Tokyo, Japan

O-8-3  The utility of mixture of indigo carmin and lipiodol for preoperative pulmonary nodule localization  
Takaaki Hasegawa  Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital, Aichi, Japan

O-8-4  Diagnostic accuracy of ultrasound guided core needle biopsy of anterior mediastinal lesions  
Rinpei Imamine  Department of Diagnostic Imaging and Nuclear Medicine, Graduate School of Medicine, Kyoto University

O-8-5  Usefulness of CT guided biopsy with external cylinder washing cytology for lung cancer  
Fumiyasu Tsushima  Department of Radiology, Hirosaki University Graduate School of Medicine, Hirosaki, Japan

O-8-6  C-arm Cone-beam CT-guided needle biopsies with prone positional approach in 75 thoracic lesions  
Nobuyuki Takeyama  Department of Radiology, Showa University Fujiigaoa Hospital, Yokohama, Japan
Day 2 Friday, June 1 Room 3 (Châtelet)

O-8-7 Preoperative Short Hookwire Placement: Evaluation of Results in 364 Adults with 396 Procedures
Toshihiro Iguchi
Department of Radiology, Okayama University Medical School, Okayama, Japan

O-8-8 Percutaneous transvenous catheter biopsy for the diagnosis of pulmonary artery sarcoma
Yoshimi Fuji
Department of Diagnostic Radiology, Fujisawa City Hospital, Kanagawa, Japan

O-8-9 Correlation between the success of pleurodesis with talc and the amount of drainage via chest tube
Noriyuki Umakoshi
Department of Diagnostic Radiology, National Cancer Center Hospital, Tokyo, Japan

O-8-10 The success rate of pleurodesis with talc in different tip-position of trocar catheter
Shinji Wada
Department of Diagnostic Radiology, National Cancer Center Hospital, Tokyo, Japan

12:00-12:50 Luncheon Seminar 8
Cutting Edge Imaging Technologies for Precise IR
Chair: Tan Bien Soo Department of Vascular & Intervention, Singapore General Hospital

LS-8 Initial experience of the latest navigation for selective embolization by Angio-CT system.
Hiroshi Anai
Department of Radiology, Nara City Hospital

New horizon of imaging for interventional radiology: advanced planning, navigation, and evaluation using ultra-high resolution CT.
Miyuki Sone
Department of Diagnostic Radiology, National Cancer Center

Sponsored by Canon Medical Systems Corporation

15:00-16:20 Scientific Session 9
Gynecology/Visceral aneurysm
Chair: Reiko Woodhams Department of Radiology, Kitasato University School of Medicine
Ki-Chang Han Yonsei University Severance Hospital

O-9-1 One-year clinical results of uterine artery embolization for symptomatic uterine fibroids
Hiroki Higashihara
Department of Diagnostic and Interventional Radiology, Osaka University Graduate School of Medicine, Osaka, Japan
Day 2 Friday, June 1 Room 3 (Châtelet)

O-9-2 Transradial or transbrachial uterine fibroid embolization: about the patient comfort and safety
Eiji Sugihara
IVR center, Department of Diagnostic Radiology, Osaka General Medical Center, Japan

O-9-3 Catheter-directed sclerotherapy with 95% ethanol for ovarian endometrioma
Ki-Chang Han
Yonsei University Severance Hospital

O-9-4 Pelvic arterial embolization for obstetric hemorrhage after cesarean section
Ryoichi Kitamura
Department of Radiology, Okinawa Prefectural Chubu Hospital, Uruma, Japan

O-9-5 Endosaccular packing for visceral artery aneurysms with adjunctive techniques: Long-term outcomes
Hiro Kiyosue
Department of Radiology, Oita University Hospital, Oita, Japan

O-9-6 A utility of the endovascular treatment for the aneurysms of the pancreaticoduodenal arcade
Kawada Hiroshi
Department of Radiology, Gifu University, Gifu, Japan

O-9-7 Investigation of radial force by 3D bare coil in blood vessel model
Hiroki Okuda
Dept. of Radiology, Sapporo Medical University School of Medicine, Sapporo, Japan

O-9-8 Coil embolization of renal artery aneurysm: 6Fr sheath catheter to carry out tripiple microdevice
Jun Otaka
Department of Radiology, Tokyo Medical University, Tokyo, Japan

O-9-9 Can CT characteristics predict ruptured aneurysm associated with median arcuate ligament syndrome?
Teruyoshi Oda
Department of Radiology, Kindai University Faculty of Medicine

17:40-18:30 Sponsored Seminar 3

Current Status of VTE Treatments in China

Chair: Toshihiro Tanaka Department of Radiology, Nara Medical University

SS-3 Fuxian Zhang
Department of Vascular surgery, Beijing Shijitan Hospital of Capital Medical University
Sponsored by MEDICON, INC.
Day 2 Friday, June 1 Room 4 (Étoile)

8:00-8:50 Morning Seminar 2
Ablation and Immunomodulation

Chair: Takuji Yamagami  Department of Radiology, Kochi Medical School Kochi University

MS-2 Haruyuki Takaki  Department of Radiology, Hyogo College of Medicine
Sponsored by Hitachi, Ltd

10:30-11:50 Scientific Session 10
GI tract

Chairs: Dongho Hyun  Samsung Medical Center
Tetsuhisa Yamada  Department of Radiology, Japanese Red Cross Medical Center

O-10-1 Transnasoesophageal Drainage of Mediastinal Abscesses with Esophago-Mediastinal fistula
Yugo Imai  Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital, Nagoya, Aichi, Japan

O-10-2 Advancement of percutaneous abscess drainage in safety; US-guidance with real-time image fusion
Shinichi Morita  Department of Gastroenterology and Hepatology, Uonuma institute of Community Medicine Niigata University Hospital, Niigata, Japan

O-10-3 Long tube insertion via PTEG route for patients with malignant bowel obstruction
Shinichi Murata  Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital, Nagoya, Japan

O-10-4 Percutaneous biliary intervention for post-surgical biliary leak in three cases
Yoshito Takeuchi  Radiology, Fukuchiyama City Hospital, Kyoto, Japan

O-10-5 PTBD; current status in our institute
Hiroyasu Fujiwara  Department of Radiology, Okayama University School, Okayama, Japan

O-10-6 Outcomes of transarterial embolization for diverticular bleeding
Hidenori Mitani  Department of Radiology, Chugoku Rosai Hospital, Hiroshima, Japan

O-10-7 Embolization with NBCA for acute bleeding of pancreatic and peripancreatic arteries
Koji Sasaki  Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan
Day 2  Friday, June 1  Room 4 (Étoile)

O-10-8  Seven cases of bleeding in patients with advanced pancreatic cancer during chemotherapy
  Kensuke Inamura  
  *Department of Radiology, Dokkyo Medical University, Tochigi, Japan

O-10-9  Transcatheter embolization for pseudoaneurysm in patients with pancreatectomy
  Isao Numoto  
  *Department of Radiology, Kindai University, Faculty of Medicine, Osaka, Japan

O-10-10  Stent graft for gastroduodenal artery stump hemorrhage
  Dongho Hyun  
  *Samsung Medical Center

12:00-12:50  Luncheon Seminar 9  
  Therapy of Pulmonary Thromboembolism with Special Emphasis of Interventional Radiology  
  Chair: Kei Takase  *Department of Diagnostic Radiology, Tohoku University

LS-9  Thomas Schmitz-Rode  
  *RWTH Aachen University, University Hospital(Aachen), Institute of Applied Medical Engineering  
  *Sponsored by Bayer Yakuhin, Ltd.

15:00-16:20  Scientific Session 11  
  Miscellaneous

Chairs: Toshi Abe  *Department of Radiology, Kurume University School of Medicine  
  Jong Woo Kim  *Asan Medical Center

O-11-1  The usefulness of LiPPS using commercial workstation and simulation software in cTACE for HCC
  Mitsuhiro Kinoshita  
  *Department of Radiology, Tokushima University Hospital, Tokushima, Japan

O-11-2  Evaluation of the occupational eye doses estimated using direct eye dosimeter during TACE for HCC
  Masakazu Hirakawa  
  *Dept. of Radiology, Kyushu University Beppu Hospital

O-11-3  Evaluation of Decreases in Scattered Radiation Dose from CT by Using of Arc-shaped Protection Shield
  Taku Yasumoto  
  *Department of Interventional Radiology, Miyakojima IGRT Clinic

O-11-4  A simple experimental model of air embolization associated with percutaneous lung biopsy
  Mitsuhiro Kishino  
  *Mitsui Memorial Hospital
**Day 2 Friday, June 1 Room 4 (Étoile)**

**O-11-5** MRI-guided needle biopsy with a high-field open MRI: a phantom study of needle artifacts  
Yusuke Matsui  
*Department of Radiology, Okayama University Medical School, Okayama, Japan*

**O-11-6** Transarterial therapy using Steerable Microcatheter and Outer Cannula of puncture needle (SMOC)  
Yuichiro Kawahara  
*Department of Radiology, Yokohama Rosai Hospital, Kanagawa, Japan*

**O-11-7** Carbon dioxide dissolved in physiological saline: Application for contrast media  
Shinichi Ota  
*Department of Radiology, Shiga University of Medical Sciences, Otsu, Japan*

**O-11-8** Peripheral arteriovenous malformation: Yakes classification and management by absolute alcohol  
Luan Dinh Nguyen  
*Gia Dinh Hospital*

**O-11-9** Endovascular Treatment for Acute Thromboembolic of Superior Mesenteric Artery: Cases Report  
Luan Dinh Nguyen  
*Gia Dinh Hospital*

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**16:30-17:30 Scientific Session 12**

**Venous (2)/lymphatic System**

*Chairs: Alisa Suzuki-Han Harbor UCLA Medical Center, Department of Radiology  
Jinoo Kim Ajou University Medical Center*

**O-12-1** Lymphatic intervention for various non-traumatic and post-operative chyloous leakages  
Saebeom Hur  
*Seoul National University Hospital*

**O-12-2** Treatment of chyloous ascites  
Jinoo Kim  
*Ajou University Medical Center*

**O-12-3** Interventional management of postoperative chylothorax  
Dongho Hyun  
*Samsung Medical Center*

**O-12-4** Superior vena cava stenting for malignant SVC obstruction: Up to date  
Jong Woo Kim  
*Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center*

**O-12-5** Safety and efficacy of endovascular therapy as the primary mode of treatment in venous thoracic outlet syndrome  
Jong Woo Kim  
*Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center*
Day 2  Friday, June 1  Room 4 (Étoile)

O-12-6  Sharp recanalization of central venous occlusions in hemodialysis patients
        Jinoo Kim
        Ajou University Medical Center

O-12-7  Postoperative Chylous Leak after Esophageal and Lung cancer Operation: Thoracic Duct Lymphangiography and Embolization
        Yang-Jun Kang
        Chonnam National University Hospital

17:40-18:30  Sponsored Seminar 4

Microballoon-related Interventions
~An Update on End-hole and Proximal Side-hole Microballoon Catheter~

Chair:  Shiro Miyayama  Department of Diagnostic Radiology, Fukuiken Saiseikai Hospital

SS-4  Microballoon catheter: Various kinds of clinical applications
        Masanori Inoue
        Department of Diagnostic Radiology, Keio University

LOGOSSWITCH: A novel selective embolization by a SWITCH of our idea
        Hiroshi Anai
        Department of Radiology & IVR Center, Nara City Hospital

Sponsored by PIOLAX MEDICAL DEVICES, INC.
Day 2  Friday, June 1  Room 5 (Vendôme)

10:20-11:50  技術教育セミナー3  Technical Educational Session 3  p000

内臓動脈瘤
Visceral and renal artery aneurysms

コーディネーター： 作原 祐介 (Yusuke Sakuhara)

Department of Diagnostic and Interventional Radiology, KKR Tonan Hospital

1  総論
Introduction

作原 祐介 (Yusuke Sakuhara)

Department of Diagnostic and Interventional Radiology, KKR Tonan Hospital

2  内臓動脈瘤の検査を高めるための工夫について
Evaluation to improve diagnosis of visceral aneurysm

保本 卓 (Xxxx Xxxx)

都島放射線科クリニック

3  過度例への対応について (リモデリングテクニック併用症例など)
Emboliation for complicated visceral arterial aneurysms

松本 知博 (Tomohiro Matsumoto)

Department of Radiology, Tokai University Hachioji Hospital, Tokai University School of Medicine

4  マイクロバルーン、マイクロカテーテル併用下でのコイル塞栓術：内臓動脈瘤への応用
Coil embolization by combination of microballoon and microcatheter: application to visceral artery aneurysm

佐口 徹 (Toru Saguchi)

Department of Radiology, Tokyo Medical University

12:00-12:50  Luncheon Seminar 10  p000

Exploring New Indication & Technology in Interventional Oncology

Chair: Koichiro Yamakado  Department of Radiology, Hyogo College of Medicine

LS-10  New challenge and new technique in TAE (T.B.D.)

Uei Pua  Department of Diagnostic Radiology, Tan Tock Seng Hospital

New challenge and new technique in Coil embolization (T.B.D.)

Yoshiaki Katada  Department of Radiology, Tokyo Women’s Medical University Medical Center East

New challenge and new technique in TACE (T.B.D.)

Yoshihisa Kodama  Department of Radiology, Teine Keijinkai Hospital

Sponsored by Boston Scientific Japan K.K.
Day 2 Friday, June 1 Room 5 (Vendôme)

15:00-16:30 技術教育セミナー 4  Technical Educational Session 4

血流改変術 Flow modification

コーディネーター 鶴崎 正勝 (Masakatsu Tsurusaki)
近畿大学
Department of Radiology, Kindai University Faculty of Medicine

1 新規デバイスを用いた血流改変術（DP-CARを中心に）
Flow modification with new devices
鶴崎 正勝 (Masakatsu Tsurusaki)
近畿大学
Department of Radiology, Kindai University Faculty of Medicine

2 大動脈ステントグラフト留置術における血流改変術
Embolization prior to EVAR or TEVAR
本郷 哲央 (Norio Hongo)
大分大学
Oita University Faculty of Medicine

3 リザーバー留置術における血流改変術
Techniques of arterial redistribution for percutaneous placement of an indwelling catheter
西尾福之 (Hideyuki Nishiofuku)
奈良県立医科大学
Radiology, IVR Center, Nara Medical University

16:30-17:30 倫理講習会 Ethics Training Session

倫理講習会 齋藤 博哉 (Hiroya Saito)
札幌東北東病院 画像・IVRセンター
Imaging and Interventional Radiology Center, Sapporo Higashi Tokushukai Hospital

1 医療倫理 Medical Ethics
浅井 篤 (Atsushi Asai)
東北大学大学院医学系研究科
Tohoku University Graduate School of Medicine, Sendai, Japan
Day 2  Friday, June 1  Room 5 (Vendôme)

17:40-18:30  Sponsored Seminar 5
Meet the Experts -UAE Techniques and Tips-

Chairs: Hideyuki Nishiofuku  Nara Medical University Radiology, IVR Center
Shiro Onozawa  Teikyo University Mizonokuchi Hospital Department of Radiology

Yasunori Taki
Chofu Keijinkai Clinic
Department of Radiology

Tetsuya Katsumori
Saiseikai Shiga Hospital
Department of Radiology

Sponsored by Nippon Kayaku Co.,Ltd.
Day 3 Saturday, June 2 Room 1 (Palais Royal A)

9:00-10:20 Symposium 9

Trauma IR : Current status and future trend

Chairs: Yasuo Nakajima Department of Radiology, St. Marianna University School of Medicine
Hwan Jun Jae Seoul National University Hospital, Korea

- **SY-9-1** Aggressive Endovascular Treatment in Trauma
  Hwan Jun Jae
  Seoul National University Hospital, Korea

- **SY-9-2** Effect of the Hybrid ER System in Severe Trauma: Quick CT, Rapid Surgery, and Expanded Indication for IVR
  Takahiro Kinoshita
  Osaka General Medical Center, Division of Trauma and Surgical Critical Care

- **SY-9-3** Splenic embolization for trauma patients
  Gerard S Goh
  The Alfred Hospital, Australia

- **SY-9-4** Gunshot injury: Diagnosis and IR
  Alisa Suzuki-Han
  Harbor UCLA Medical Center

- **SY-9-5** Radiologists' role in trauma care is getting more significant!
  Junichi Matsumoto
  St. Marianna University School of Medicine, Kawasaki, Japan
  National Hospital Organization Disaster Medical Center, Tachikawa, Japan

- **SY-9-6** Who should play the major role in trauma IR?
  Hiroshi Kondo
  Teikyo University School of Medicine

10:30-11:50 Symposium 10

Ablation

Chairs: Koichiro Yamakado Hyogo College of Medicine
Afshin Gangi University Hospital Strasbourg, France

- **SY-10-1** RFA and MWA in the Treatment of Malignant Hepatic Neoplasms
  Yi-You Chiou
  Division of Gastrointestinal Radiology, Department of Radiology, Taipei Veterans General Hospital, Taipei, Taiwan

- **SY-10-2** "Role of Radiofrequency ablation as a salvage treatment for recurrent fibromatosis": Retrospective analysis
  S. S. Kulkarni
  TATA Memorial Hospital, Interventional Radiology, Mumbai, India

- **SY-10-3** MSK tumor ablation
  Afshin Gangi
  University Hospital Strasbourg, France
Day 3 Saturday, June 2 Room 1 (Palais Royal A)

**SY-10-4** MRI guided High Intensity Focused Ultrasound in tumor therapy
Roberto Blanco Sequeiros  
*Turku University Hospital, Finland*

**SY-10-5** Tumor Ablation and Cancer Immunology
Haruyuki Takaki  
*Hyogo College of Medicine*

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12:00-12:50  **Luncheon Seminar 11**

**How to Master Stent-graft for PAD**

Chair: Yukunori Korogi  
*University of Occupational and Environmental Health, Japan*

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**LS-11** Rationale and Current Evidence of cTACE
Shunsuke Sugawara  
*National Cancer Center Hospital*

How to enhance the effects of cTACE: Technical tips and tricks
Toshihiro Tanaka  
*Nara Medical University*

Sponsored by FujiPharma Co., Ltd.

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13:00-13:30  **Special Lecture 7**

**Special Lecture from Japan 1**

Chair: Shigeru Furui  
*Department of Medical Radiology, Faculty of Medical Technology, Teikyo University*

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**SL7** Percutaneous isolated perfusion therapy for advanced cancers
Satoru Murata  
*IVR Center, Teikyo University Chiba Medical Center*

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13:30-14:00  **Special Lecture 8**

**Special Lecture from Japan 2**

Chair: Seishi Nakatsuka  
*Department of Diagnostic Radiology, School of Medicine, Keio University*

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**SL8** MSK Embolization: How to Perform Procedures Safely and Effectively
Yuji Okuno  
*Okuno Clinic.*
Day 3 Saturday, June 2 Room 1 (Palais Royal A)

14:00-15:20 Symposium 11
Let's Start lymphatic IR

Chairs: Takuji Yamagami  Department of Radiology, Kochi Medical School, Kochi University
Shuji Kariya  Kansai Medical University, Radiology

- **SY-11-1** Imaging of lymphatic systems and traditional lymphangiography
  Shuji Kariya  Kansai Medical University, Radiology

- **SY-11-2** Intranodular Lymphangiography and Direct Puncture Retrograde Thoracic Duct Access
  Masayoshi Yamamoto  Teikyo University School of Medicine

- **SY-11-3** Therapeutic lymphangiography
  Tomohiro Matsumoto  Tokai University Hachioji Hospital, Tokai University School of Medicine

- **SY-11-4** Thoracic duct embolization
  Alisa Suzuki-Han  Harbor UCLA Medical Center

- **SY-11-5** Other lymphatic IRs
  Masanori Inoue  Keio University

15:30-16:50 Symposium 12
New technology and Devices

Chairs: Takamichi Murakami  Department of Radiology, Kobe University Graduate School of Medicine
Thomas Schmitz-Rode  Institute of Applied Medical Engineering, RWTH Aachen University

- **SY-12-1** Biohybrid approach for new cardiovascular implants
  Thomas Schmitz-Rode  Institute of Applied Medical Engineering, RWTH Aachen University

- **SY-12-2** Application of virtual reality technology for radioprotection in interventional radiology
  Takeshi Takata  Graduate School of Medical Care and Technology, Teikyo University, Tokyo, Japan

- **SY-12-3** Planning and Simulation tool for RFA tumor ablation, emphasis on Liver tumors
  Roberto Blanco Sequeiros  Turku University Hospital, Finland

- **SY-12-4** IVR-Gel Spacer Injection, Materials, Technique and Benefit in High Precision Radiotherapy
  Kazushi Kishi  Sapporo High Functioning Radiotherapy Center (SAFRA), Hokkaido Ono Memorial Hospital, Sapporo City, Japan
Day 3  Saturday, June 2  Room 1 (Palais Royal A)

SY-12-5  Xxxxxxxxxxx
Anchalee Churojana
Mahidol University

17:00-17:10  Closing Remarks
Day 3  Saturday, June 2  Room 2 (Palais Royal B)

9:00-10:20  How to publish your scientific paper to the high class Journal?

Chairs:  Koji Sugimoto  Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital
        Klaus Hausegger  Klinikum Klagenfurt am Wörthersee Institut für Diagnostische und Interventionelle Radiologie Vorstand

1. How to publish your scientific work in a high-ranking Journal
   Klaus Hausegger  Klinikum Klagenfurt am Wörthersee Institut für Diagnostische und Interventionelle Radiologie Vorstand

2. Tips on publishing in competitive peer-reviewed journals
   John Kaufman  Department of Interventional Radiology, Dotter Interventional Institute. Oregon Health & Science University

3. “Interventional Radiology” welcomes your manuscript
   Shiro Miyayama  Department of Diagnostic Radiology, Fukuiken Saiseikai Hospital

4. Publishing a scientific paper in a high impact journal: Trials and Tribulations
   Bien Soo Tan  Singapore General Hospital

10:30-11:50  Symposium 13

Varicose vein: Time for IR

Chairs:  Michael Åkesson  Scandinavian Venous Centre/Lund University
        Shiro Onozawa  Department of Radiology, Teikyo Mizonokuchi Hospital, Kawasaki, Japan

   SY-13-1  Varicose veins: History, Pathophysiology and Treatment
             Toshiya Nishibe  Tokyo Medical University Department of Cardiovascular Surgery

   SY-13-2  RFA treatment of varicose vein of the lower extremity
             John Kaufman  Department of Interventional Radiology, Dotter Interventional Institute. Oregon Health & Science University

   SY-13-3  Current status of endovenous ablation for varicose veins in JAPAN
             Masayuki Hirokawa  Ochanomizu Vascular & Vein Clinic

   SY-13-4  Current topics and new devices for the IR treatment of varicose vein
             Michael L Åkesson  Scandinavian Venous Centre/Lund University
Day 3 Saturday, June 2 Room 2 (Palais Royal B)

12:00-12:50 Luncheon Seminar 12

Chair: XXXX XXX XXXXXX

LS-12

Xxxxxxxxxxxxx
Michael Dake
*Thelma and Henry Doelger Professor of Cardiovascular Surgery-Stanford University*
Sponsored by Cook Japan Co., Ltd.

14:00-15:20 Scientific Session 13

EVAR

Chairs: Fuxian Zhang *Beijing Shijitan Hospital of Capital Medical University*
Yukihisa Ogawa *Department of Radiology, St. Marianna University School of Medicine*

O-13-1 Mid-term outcomes of endovascular abdominal aortic repair at our institution
Yukihisa Ogawa
*Department of Radiology, St. Marianna University, School of Medicine*

O-13-2 Chronic results of endovascular management of type II endoleak with sac expansion after EVAR
Norio Hongo
*Department of Radiology, Oita University, Oita, Japan*

O-13-3 Long-term outcome of type II endoleak embolization after endovascular abdominal aortic repair (EVAR)
Hiroki Horinouchi
*Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan*

O-13-4 Predictive factors of type 2 endoleaks after EVAR with occluded inferior mesenteric artery
Takuya Okada
*Department of Radiology and Center for Endovascular Therapy, Kobe University Hospital, Kobe, Japan*

O-13-5 Outcome of Type 2 Endoleaks following Endovascular aortic repair of abdominal aortic aneurysms
Loy Liang Meng
*Interventional Radiology, Singapore General Hospital, Singapore*

O-13-6 Initial experience of Sac Embolization with Balloon Occlusion of the Aorta (SEBOA)
Keishi Fujiwara
*Department of Radiology, St. Marianna University School of Medicine*

O-13-7 Can IBE device replace the hypogastric artery embolization during EVAR?
Satoru Nagatomi
*Department of Radiology, Nara Medical University, Nara, Japan*
**Day 3 Saturday, June 2 Room 2 (Palais Royal B)**

15:30-16:50 **Scientific Session 14**  
Urology

**Chairs:** Satoru Morita *Department of Diagnostic Imaging and Nuclear Medicine, Tokyo Women’s Medical University Hospital, Tokyo, Japan*  
Shu-Huei Shen *Department of Radiology, Taipei Veterans General Hospital, Taipei, Taiwan*

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenters</th>
<th>Institutions</th>
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| O-14-1  | Cost-effectiveness analysis of cryoablation versus partial nephrectomy for renal tumor less than 4cm | Shunsuke Sugawara  
*Department of Diagnostic Radiology, National Cancer Center, Tokyo, Japan* |                                                                                   |
| O-14-2  | Cryoablation for renal tumors in the patients with renal impairment | Yasuyuki Yamahana  
*Department of Radiology, Kyoto Prefectural University of Medicine, Kyoto, Japan* |                                                                                   |
| O-14-3  | Percutaneous Renal Cryoablation in Severely Obese Patients at our institution | Mayu Uka  
*The Department of Radiology, Okayama University Medical School* |                                                                                   |
| O-14-4  | Perfusion CT for Predicting Treatment Response of Cryoablation in Renal Tumors | Oyunbold Lamid-Ochir  
*Department of Diagnostic Radiology and Nuclear Medicine, Gunma University Graduate School of Medicine* |                                                                                   |
| O-14-5  | A novel technique to prevent thermal injury of ureter during cryoablation of renal tumor | Chienchuan Huang  
*Department of Diagnostic Radiology, National Cancer Center Hospital, Tokyo, Japan* |                                                                                   |
| O-14-6  | Preoperative lipiodol marking for renal cell carcinoma of CT guided cryoablation | Kenji Kajiwara  
*Radiology, Kochi University Hospital, Kochi, Japan* |                                                                                   |
| O-14-7  | Retrograde ureteric stent retrieval and change in the female patient by the IR | Luke Han Wei Toh  
*KK Women’s and Children’s Hospital, Singapore; Singapore General Hospital, Singapore* |                                                                                   |
| O-14-8  | Three cases of nonischemic priapism treated effectively with multiple TAE using gelatin sponge | Takeshi Suzuki  
*Department of Radiology, Shinshu University School of Medicine, Matsumoto, Japan* |                                                                                   |
| O-14-9  | A new method of an axial puncture approach for draining deep pelvic abscess | Kanichiro Shimizu  
*Department of Radiology, The Jikei University School of Medicine, Kashiwa Hospital, Chiba, Japan* |                                                                                   |
Day 3 Saturday, June 2 Room 3 (Châtelet)

8:00-8:50 **Morning Seminar 3**
Ninja Dojo
-Tips & Pitfalls of Steerable microcatheter-

Chair: Matthew S. Johnson  *Indiana University*

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**MS-3**

Daisuke Abo  
*Department of Radiology, Hokkaido University Graduate School of Medicine*

Masashi Shimoihra  
*Department of Radiology, Nagoya City University Graduate School of Medical Sciences*

Sponsored by Sumitomo Bakelite Co., Ltd.

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9:00-11:50 **MSG研究会**
Japanese Society of Endoluminal Metallic Stents & Grafts: The 36th Annual Meeting

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12:00-12:50 **Luncheon Seminar 13**

Endoleak War Episode NCVC ~Preemptive Attack Based on 11-year-Struggle.

Chair: Koji Sugimoto  *Center for Endovascular Therapy, Kobe University Hospital*

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**LS-13**

Tetsuya Fukuda  
*Department of Radiology, National Cerebral Cardiovascular Center*

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14:00-17:00 **肝動脈塞栓療法研究会**

Japanese Study Group of Hepatic Artery Embolization: The 22nd Annual Meeting
MP-1  
Cone-Beam CT(CBCT) 及び汎用型ワークステーションを用いた肝実質灌流領域シミュレーションの検討(第1報)  
長尾 好浩 (Yoshihiro Nagao)  
徳島赤十字病院 放射線科部  
Department of Radiological Technology, Tokushima Red Cross Hospital, Komatsushima, Japan

MP-2  
人工気胸併用胃鬱結療法における肺・軟部組織同時観察可能なCT画像表示法の視覚評価に関する検討  
浅野 和也 (Kazuya Asano)  
群馬大学医学部附属病院 放射線科  
Department of Radiology, Gunma University Hospital, Maebashi, Japan

MP-3  
千葉県内における血管撮影部門の実態調査2017－放射線防護・管理を中心に－  
石川 貴久 (Takahisa Ishikawa)  
総合病院国保旭中央病院 診療技術局 放射線科  
Asahi General Hospital, Asahi, Japan

MP-4  
CT透視の管電圧設定に対する画像の検討  
有田 圭吾 (Keigo Arita)  
大阪市立大学医学部附属病院 中央放射線部  
Osaka City University Hospital, Osaka, Japan

MP-5  
A病院における看護師の放射線に対する知識・イメージの実態調査  
鈴木 恵子 (Keiko Suzuki)  
日本医科大学武蔵小杉病院 看護部  
Nippon Medical School Musashikosugi Hospital, Kanagawa, Japan

MP-6  
カテゴリンの特性に適した業務手順書の作成－異動者が手順書を活用して業務習得をするために－  
山下みどり (Midori Yamashita)  
聖マリアンナ医科大学 練馬市西部病院  
St. Marianna University School of Medicine Yokohama city Seibu Hospital, Kanagawa, Japan

MP-7  
肝動脈化学塞栓療法（TACE）時の抗がん剤暴露対策  
渋田由香利 (Yukari Sawada)  
東京大学医学部附属病院  
The University of Tokyo Hospital

MP-8  
A病院IVR従事者水晶体被ばく線量の実態調査  
増田ゆかり (Yukari Masujima)  
日本医科大学武蔵小杉病院 看護部  
Nippon Medical School Musashikosugi Hospital, Kanagawa, Japan
Day 3 Saturday, June 2 Room 4 (Étoile)

9:00-9:50 メディカルスタッフシンポジウム
Part I Nurse’s session "Risk management in IVR nursing"

座長：福崎 敬子（Keiko Fukushima）
愛知県がんセンター中央病院 看護部
Aichi Cancer Center Hospital  Nursing Department

対馬真貴子（Makiko Tsushima）
青森県立中央病院 外来看護部
Aomori Prefectural Central Hospital

MSY1-1 脳IVR看護のリスク管理
Risk management of brain IVR nursing
曾我部憲子（Kei Sogabe）
大阪警察病院
Osaka Police Hospital, OSAKA City, JAPAN

MSY1-2 抗血栓症薬服用患者に対する心臓IVR施行時のリスク管理
Risk management of patients treated with antithrombotic therapy in cardiac IVR
蜻松良美代（Kumiyo Sagara）
大分県原生連続観察病院
Oita Koseiren Tsurumi Hospital, Oita, Beppu, Japan

MSY1-3 腹部IVRにおけるリスクマネージメント：IVR室における抗がん薬暴露対策
Risk management of the eposure of anticancer drugs in IVR room
兒玉 佐和（Sawa Kodama）
奈良県立医科大学附属病院
Nara Medical University Hospital

10:00-10:50 メディカルスタッフシンポジウム
Part II Radiological technologist's session "Ingenuity and navigation in IVR, with Nurse"

座長：先山 耕史（Koshi Sakiyama）
昭和大学病院放射線科 放射線室
Department of Radiological Technology, Showa University Fujigaoka Hospital

市田 隆雄（Takao Ichida）
大阪市立大学 中央放射線部
Osaka City University Hospital, Department of Radiology

MSY2-1 Workstation Techniqueを用いたinnovative IVR with Navigation
The innovative IVR with Navigation using Workstation Technique
山本 和幸（Kazuyuki Yamamoto）
東海大学医学部附属病院 診断技術部 放射線技術科
TOKAI University Hospital, Kanagawa, JAPAN
Day 3 Saturday, June 2 Room 4 (Étoile)

MSY2-2 腹部IVRにおけるCBCTの撮影技術 - コツと注意点 -
CBCT Imaging for Abdominal IVR -tips, tricks and traps-
高尾 由範 (Yoshinori Takao)
大阪市大病院医学部附属病院
Osaka City University Hospital

MSY2-3 技師が提案するIVRCTとCBCTのすみわけ
IVRCT and CBCT proposed by the radiological technologist
山下 慎一 (Shinichi Yamashita)
東京慈恵会医科大学附属病院
THE JIKEI UNIVERSITY HOSPITAL

MSY2-4 IVRにおける三位一体の中にある看護師の想い
The nurse's role of the medical system for IVR
知識亜紀子 (Akiko Chishiki)
聖マリアンナ医科大学病院
St. Marianna Medical School Hospital

11:00-11:50 メディカルスタッフシンポジウム
第三部 合同セッション：IVR室におけるタイムアウトの現状
Part III Joint session "Actual of timeout in the IVR room"

座長： 小川 健二 (Kenji Ogawa)
日本脳研病院
Nippon Konkan Hospital
安田 光慶 (Mitsuyoshi Yasuda)
昭和大学大学院保健医療学研究科 / 昭和大学江東病院放射線部
Department of Radiological Technology, Showa University Hospital
丹戸 恵理 (Eri Tango)
東京女子医科大学病院看護部
Tokyo Women's Medical University Hospital

MSY3-1 当院におけるタイムアウト：医師
Time out at our hospital：Doctor
生口 俊浩 (Toshihiro Iguchi)
岡山大学病院放射線部
Department of Radiology, Okayama University Medical School, Okayama, Japan

MSY3-2 当院におけるタイムアウト：診療放射線技師
Time out at our hospital：Radiological technologist
先山 耕史 (Koshi Sakiyama)
昭和大学薬学部附属病院放射線技術部
Department of Radiological Technology, Showa University Fujigaoka Hospital

MSY3-3 当院におけるタイムアウト：看護師
Time out at our hospital：Nurse
小林 さおり (Naomi Kobayashi)
帝京大学医学部附属病院
Teikyo University Hospital Tokyo Japan
Day 3  Saturday, June 2  Room 4 (Étoile)

12:00-12:50  Luncheon Seminar 14

Chair:  Xxxx Xxxx  Xxxxxxxxxxx

LS-14

Xxxxxxxxxxx
Xxxxxxxx
Xxxxxxx

Sponsored by TERUMO CORPORATION

14:00-17:00  経皮凍結療法講習会

Lectures on percutaneous cryoablation

座長:  清水 国(Tadashi Shimizu)

国家公務員共済組合連合会 斗南病院

KKR Tonan Hospital, Sapporo, Japan

1  冷凍療法の物理的基礎（仮題）

Xxxxxxxxx

高松 洋(Xxxx Xxxx)

九州大学 工学部

Xxxxxxx

2  冷凍療法の基礎

Principles of Cryoablation

最上 拓児(Takuji Mogami)

東京歯科大学

Department of Radiology, Tokyo Dental College Ichikawa General Hospital

3  腎癌の冷凍療法

Cryoablation for Renal Cell Carcinoma

髙木 治行(Haruyuki Takaki)

兵庫医科大学

Hyogo College of Medicine, Nishinomiya, Japan

4  合併症と対策

Complication and management

藤原 寛康(Hiroyasu Fujiwara)

岡山市立市民病院

Okayama City Hospital, Japan

5  腎がん以外の冷凍療法

Percutaneous Cryoablation of Various Diseases except for Renal Cancer

宮崎 将也(Masaya Miyazaki)

群馬大学

Gunma University Hospital, Maebashi, Japan
Day 3 Saturday, June 2 Room 5 (Vendôme)

9:00-10:20  日本IVR学会ガイドライン委員会主催ガイドライン講演会
JSIR Guideline Lecture Meeting
座長： 山上 卓士 (Takuji Yamagami)
部長： 高知大学医学部放射線医学科
Department of Radiology, Kochi Medical School, Kochi University

1  診療ガイドライン作成の全体像
Overview of Clinical Practice Guideline Development
講師： 森賀 明夫 (Toshio Morizane)
日本医療機能評価機構
Japan Council for Quality Health Care, Tokyo, Japan

10:30-11:50  技術教育セミナー 5  Technical Educational Session 5
透析・パルクリアーアクセス  hemodialysis vascular access
コーディネーター： 森本 章 (Akira Morimoto)
井上病院
Department of Radiology, Inoue Hospital

1  透析  VAの総論
Vascular access for hemodialysis
講師： 小川 智也 (Tomonari Ogawa)
埼玉医科大学 総合医療センター
Department of Nephrology and Hypertension, Bloodpurification Center Unit, Saitama Medical Center,
Saitama Medical University

2  治療に役立つシャントの触診
The helpful palpation skills of the arteriovenous fistula for the vascular access intervention therapy
講師： 森本 章 (Akira Morimoto)
井上病院
Department of Radiology, Inoue Hospital

3  パルクリアーアクセスのIVR治療
Interventional treatment for vascular access failure
講師： 後藤 靖雄 (Yasuho Goto)
シャントクリニック仙台東
Shunt Clinic Sendai-Higashi

12:00-12:50  Luncheon Seminar 15
The Latest Clinical Practice of Peripherally Inserted Central Venous Catheter (PICC) and Peripherally Inserted Venous Port.
Chair: Hidefumi Mimura  Department of Radiology, St.Marianna University school of Medicine

LS-15  Takanori Taniguchi
Department of Radiology, Tenri Hospital

Sponsored by MEDICON, INC.
Day 3 Saturday, June 2 Room 5 (Vendôme)

14:00-15:30 メディカルスタッフ口演

座長： 祐園 由美 (Yumi Gion)
岡山大学病院 看護部 放射線部
Department of Radiology, Okayama University Hospital
高倉 永治 (Nagaharu Takakura)
梨マリアンヌ医科大学病院画像センター
St. Marianna University Hospital
金城 忠志 (Tadashi Kameshiro)
日本医科大学武蔵小杉病院 血管内・低侵襲治療センター
Nippon Medical School Musashi Kosugi Hospital

MO-1 下肢2D-Perfusion撮影時の画像安定方法の検討
大山 高一 (Kouichi Ooyama)
筑波大学 附属病院 放射線部
University of Tsukuba Hospital, Ibaraki, Japan

MO-2 アンギオCTIによるTACE navigationシステムの開発：新規CTA撮像法の評価
柴田 佳祐 (Keisuke Shibata)
奈良県立医科大学附属病院 中央放射線部
Nara Medical University Hospital

MO-3 コーンビームCTにおける4D撮影の被ばく線量と画像の検討
大澤 充晴 (Mitsuharu Osawa)
愛知医科大学病院
Aichi Medical University Hospital, Nagakute, Japan

MO-4 透視における線質についての検討
小笠原 恵士 (Masashi Ogawara)
札幌医科大学附属病院 放射線部
The Department of Radiology and Nuclear Medicine, Sapporo Medical University Hospital, Sapporo, Japan

MO-5 IVRに従事する医師の水晶体被ばくの基礎的検討
荒井 一正 (Kazumasa Arai)
武蔵野赤十字病院 放射線技術科
Japanese Red Cross Musashino Hospital, Tokyo, Japan

MO-6 複数の線量計を用いた水晶体被ばく推定のための検証
村倉 佳将 (Keisuke Muradate)
国立病院機構 岐阜総合医療センター 診療放射線科
National Hospital Organization Takasaki General Medical Center, Takasaki, Japan

MO-7 診療放射線技師によるIVR介助業務の人材の育成・教育
大溝 翼 (Tsubasa Omizo)
手術専門医病院 診療技術部
Medical Treatment Department Teine Keijinkai Hospital, Sapporo, Japan

MO-8 IVER中の患者への身体抑制適正化への試み～身体抑制フローチャートの作成～
住野 綾香 (Ayaka Sumino)
奈良県立医科大学附属病院 中央放射線部 IVERセンター
Central Radiation Department, IVR center, Nara Medical University Hospital, Nara, Japan
Day 3 Saturday, June 2 Room 5 (Vendôme)

MO-9 安全で労率よいIVRのための放射線技師との連携
引地 和子（Kazuko Hikichi）
北海道大学病院 高分子中央放射線技師・ナースセンター
Hokkaido University Hospital, Hokkaido, Japan

MO-10 脳卒中A選定患者における脳血管再開通療法迅速化への取り組み ～だれでもどこでも迅速に～
高松 幸子（Takamatsu Sachiko）
昭和大学江東農業病院 脳血管センター
Showa University Toosu Koto Hospital, Tokyo, Japan

15:30-16:50 技術教育セミナー 6 Technical Educational Session 6
TEVAR時代の大動脈解離におけるIVR医の役割 Xxxxxxxxxxxxxxx

座長：西村 潤一（Jun-ichi Nishimura）
日本赤十字医療センター
Department of Radiology, Japanese Red Cross Medical Center

1 概論  IVR医が知っておきたい大動脈解離の治療根拠
Knowledge of treatment for the aortic dissection for the interventional radiologist
西村 潤一（Jun-ichi Nishimura）
日本赤十字医療センター
Department of Radiology, Japanese Red Cross Medical Center

2 malperfusionに対するIVR
Current Treatment Strategies for Complicated Acute Aortic Dissection
西巻 博（Hiroshi Nishimaki）
聖マリアンナ医科大学
Department of Cardiovascular Surgery, St. Marianna University School of Medicine

3 IVR医の知らない大動脈解離の世界
The world of aortic dissection that the specialists in IVR do not know
安原 清光（Kiyomitsu Yasuhara）
伊勢崎市民病院
Department of Cardiovascular Surgery, Iseaki Municipal Hospital
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![Featured Poster]

**Neuro/head and neck**

- **P-1-1** The Significance of Blush and Arteriovenous Shunting after Mechanical Thrombectomy for Acute Ischemic Stroke
  Liu Hon-Man
  Department of Medical Imaging, National Taiwan University Hospital, Taipei, Taiwan

- **P-1-2** Experience of RADPLAT for maxillary cancer-consideration on its limitation and usefulness
  Mika Kamiya
  Department of Radiology, Hamamatsu University School of Medicine, Hamamatsu, Japan

- **P-1-3** Efficacy of Intra-arterial Infusion with Concomitant Radiotherapy for Maxillary Sinus Cancer
  Soma Kumasaka
  Department of Diagnostic Radiology and Nucler Medicine, Gunma University Hospital, Gunma, Japan

- **P-1-4** Pathological analysis of head and neck tumor with preoperative embolization by Embosphere
  Masazumi Matsuda
  Department of Radiology, Akita University Graduate School of Medicine, Akita, Japan

- **P-1-5** Initial experience of stent-assisted coil embolization using LVIS stent for VAD
  Satomi Ide
  The Department of Radiology, Faculty of medicine, Oita University Hospital, Oita, Oita

- **P-1-6** A case of trans-arterial embolization with N-butyl cyanoacrylate for suppurative parotitis
  Shusuke Kasuya
  Department of Radiology, Toho University Sakura Hospital, Japan

- **P-1-7** Endovascular treatment of vertebral artery aneurysm with occlusion of the brachiocephalic artery
  Kohei Tokuyama
  Department of Radiology, Nagatomi Neurosurgical Hospital, Oita, Japan

- **P-1-8** Silent MRA after endovascular embolization using microcoils with prominent metallic artifact
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  Department of Radiology, Kurume University School of Medicine

- **P-1-9** The outcome of endovascular treatment for Borden type I transverse-sigmoid sinus dural AVF
  Ryuichi Shimada
  The Department of Radiology, Faculty of Medicine, University of Oita, Oita, Japan

- **P-1-10** Spontaneous hemorrhage in the abdomen; two patients of Guillain-Barré Syndrome were treated by TAE
  Kenji Nishida
  Tsuchiura Kyodo General Hospital, Tsuchiura, Ibaraki, Japan
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Miyuki Maruno  
*Department of Radiology, Oita University Faculty of Medicine, Yufu, Japan*

**P-2-2**  A case of pulmonary arterial pseudoaneurysm successfully treated by embolotherapy  
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*Department of Radiology, Akita University Hospital, Akita, Japan*

**P-2-3**  Bronchial arterial embolization to control hemoptysis: 32 consecutive cases  
Noriaki Wada  
*Department of Radiology, National Hospital Organization Fukuoka East Medical Center, Fukuoka, Japan*

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Ryusei Zako  
*Department of Radiology, Yodogawa Christian Hospital, Osaka, Japan*

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*The Department of Radiology, Ehime Prefecture Central Hospital, Ehime, Japan*

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Osamu Ikeda  
*Department of Diagnostic Radiology, Graduate School of Life Sciences, Kumamoto University, Kumamoto, Japan*

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Masahiro Hashimoto  
*The Department of Radiology, Chutoen General Medical Center, Kakegawa, Japan*

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Hitoshi Takeuchi  
*The Department of radiology, Fukuijji Hospital, Japan Anti-Tuberculosis Association, Tokyo, Japan*

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Akitoshi Inoue  
*Department of Radiology, Higashi-Ohmi General Medical Center, Shiga, Japan*

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Shinichi Hamamoto  
*Diagnostic and Interventional Radiology, Osaka City University Graduate School of medicine, Osaka, Japan*
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Department of Radiology, Kyoto Prefectural University of Medicine, Kyoto, Japan

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Department of Radiology, Shimane University, Izumo, Japan

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Department of radiology, Kansai medical university, Osaka, Japan

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The Department of Radiology, Jikei University Kashiwa Hospital, Chiba, Japan

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Otsu Red Cross Hospital, Otsu city, Japan

Liver

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Katsuya Takechi
The Department of Radiology, Tokushima Red Cross Hospital, Tokushima, Japan

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Ryozo Kai
NHO Kyushu Medical Center, Department of Radiology, Fukuoka, Japan

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Fumiaki Fukamatsu
Department of Radiology, Shinshu University School of Medicine, Matsumoto, Japan

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Naoya Kinota
Department of Radiology, Obihiro Kosei General Hospital, Hokkaido, Japan

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Akiyoshi Yamashita
Japanese Red Cross Medical Center, Tokyo, Japan
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Division of Interventional Radiology, Shizuoka Cancer Center

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Department of Radiology, National Defense Medical College, Saitama, Japan

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Department of Medical Imaging, Chi Mei Medical Center, Tainan, Taiwan

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The Department of Diagnostic Radiology, National Cancer Center Hospital, Tokyo, Japan

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Hiroaki Tanaka
Department of Radiology, University of Ehime, Ehime, Japan

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Department of Radiology, Showa University Koto Toyosu Hospital, Tokyo, Japan

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The Department of Diagnostic Imaging and Interventional Radiology, Tokyo Women's Medical University YACHIYO Medical Center

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Department of Radiology, University of Yamanashi, Yamanashi Pref., Japan

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Junji Kashiwagi
Department of Radiology, Oita Prefectural Hospital, Oita, Japan

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Department of Radiology, University of Hiroshima, Hiroshima, Japan
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Department of Radiology, Tokyo Dental College Ichikawa General Hospital

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Department of Diagnostic and Interventional Radiology

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Division of Gastroenterology, Department of internal Medicine, Sakura Medical Center, Faculty of Medicine, Toho university, Chiba, Japan

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The Department of Radiology, Kochi Health Sciences Center, Kochi, Japan

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Department of Radiology, Okayama City Hospital, Okayama, Japan

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The Department of Radiology, Kyorin University Hospital, Tokyo, Japan

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Go Shirota
Department of Radiology, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan

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Masaaki Hirata
Department of Radiology, Matsuyama Simin Hospital Ehime, Japan
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<td>Shuichi Yamamoto</td>
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<td></td>
<td>Department of Radiology, San-in Rosai Hospital, Tottori, Japan</td>
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#### Portal vein systems

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<td></td>
<td>Akira Ikoma</td>
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<td>Dept. of Radiology, Wakayama Medical University, Wakayama, Japan</td>
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<td>Keigo Chosa</td>
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<td>Hiroshi Ishiba</td>
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<td>The Department of Radiology, University of Yamanashi, Yamanashi, Japan</td>
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<td>Department of radiology, Nagasaki University Hospital, Nagasaki, Japan</td>
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<td>Norifumi Hosaka</td>
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<td>Ryosuke Abe</td>
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<td>Department of Radiology, Showa University Hospital, Tokyo, JAPAN</td>
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<td>Takayuki Sanomura</td>
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<td>Kenichi Matsunaga</td>
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<td>Takeda General Hospital, Fukushima, Japan</td>
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Hitachi General Hospital

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The Department of Diagnostic Radiology, Tokai University, Isehara, Japan

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Department of Primary Care and Emergency Medicine, Kyoto University Hospital, Kyoto, Japan

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School of Medicine, Tokyo Women’s Medical University

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Department of Radiology, Takeda General Hospital

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*The Department of Diagnostic Radiology, National Cancer Center Hospital, Tokyo, Japan*

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*The Department of Radiology, The Jikei University School of Medicine, Kashiwa Hospital, Chiba, Japan*

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*Department of Radiology Tokushima University Faculty of Medicine, Tokushima, Japan*

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*Department of Diagnostic Radiology, National Cancer Center, Tokyo, Japan*

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*Department of Radiology, Kyoto Prefectural University of Medicine, Kyoto, Japan*

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*Department of Radiology, Faculty of Medicine, Shimane University School, Shimane, Japan*

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*Department of Radiology, Ryukyu University Hospital*

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*Department of Radiology, Nagoya City University Graduate School of Medical Sciences*

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<td>Tomoko Kugiyama</td>
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<td>大阪市立大学 医学部附属病院 中央放射線部</td>
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<td>Osaka City University Hospital of Department of Central Radiology, Osaka, Japan</td>
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Osaka International Cancer Institute, Osaka, Japan

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Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital

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