

**Symposium 18**

9:05 ~ 10:36 p180

Neck and Chest IR

Chairs : Takao Hiraki (Okayama University, Department of Radiology)

Chang Jin Yoon (Seoul National University College of Medicine Seoul National University Bundang Hospital)

SY18-1. Percutaneous Ablation of lung tumors

Dept. of Radiology, Hyogo Medical University Hiroshi Kodama

SY18-2. Liquid embolizing agents for bronchial artery embolization

Department of Interventional Radiology, Sir Ganga Ram Hospital, New Delhi Arun Gupta

SY18-3. Percutaneous management of bronchopleural fistulas

Singapore General Hospital Mark Wang

SY18-4. Interventional radiology of achalasia cardia

Tongji Hospital of Tongji University Ying-Sheng Cheng

SY18-5. Modified Coaxial Guidewire Technique for Percutaneous Biopsy of Small Lung Lesions

Asian Hospital and Medical Center Cicero Matthew Habito

SY18-6. Embolization for pulmonary AVM

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

SY18-7. Thyroid Radiofrequency Ablation: Standard and Advanced Techniques

Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center

Jung Hwan Baek

**Special Program 5**

10:50 ~ 11:50

Quiz

Chairs : Bien Soo Tan (Department of Vascular and Interventional Radiology, Singapore General Hospital)

Chandramohan Sivanathan (Singapore General Hospital)

**Luncheon Seminar 13**

12:00 ~ 13:00

A New Era of Interventional Radiology Treatment and Lenvatinib for Hepatocellular Carcinoma

Chair : Koichiro Yamakado (Chairman, Department of Radiology, Hyogo Medical University)

LS13-1. Positioning of hepatic arterial infusion chemotherapy and Lenvatinib for advanced hepatocellular carcinoma

Associate Professor, Advanced Preventive Medical Sciences Research Center, Kanazawa University Tatsuya Yamashita

LS13-2. New Stage of Treatment Strategies for Intermediate stage HCC

Professor and Chairman, Department of Gastroenterology and Hepatology, Kindai University Faculty of Medicine Masatoshi Kudo

(Sponsored by Eisai Co.,Ltd.)

**Case Discussion: Emergency IR**

Chairs : Yukihsa Ogawa (Department of Radiology, St. Marianna University School of Medicine)  
 Erdenebulgan Batmunkh (Second state central hospital)  
 Chang Won Kim (Medical School, Pusan National University, Pusan National University Hospital)

- SP6-1. Ovum pick up with massive hemoperitoneum and successful embolization  
 Phramongkutklao Hospital Anuchit Ruamthanthong
- SP6-2. Effect of sequential embolization in patients with severe pelvic trauma  
 Dept. of Radiology, Wonkwang Univ Hospital Sang Hyun Seo
- SP6-3. Volume preservation of a shattered kidney after blunt trauma by superselective renal artery embolization  
 Dept. of Radiology, Pusan National University Hospital Hoon Kwon
- SP6-4. Iatrogenic atrio-venous fistula treated with endovascular embolization: Case Presentations  
 Radiology Department, UKM Medical Centre Nur Yazmin Yaacob

**Scientific Session 16**

- Aorta and Peripheral Artery** ..... Chairs : The Alfred Hospital & Monash University Gerard Goh  
 Sir H N Reliance Foundation Hospital, Mumbai Rochan Pant  
 Dept. of Cardiovascular surgery, St.Marianna University School of Medicine Hiroshi Nishimaki
- O-113. The Utility of 4D-CTA in Diagnosing Endoleaks after EVAR/TEVAR  
 Department of Diagnostic and Interventional Radiology, Nara Medical University Hospital, Nara, Japan Takahiro Nakai
- O-114. INDICATIONS OF TEVAR AND THE ROLE OF STENT GRAFT IN TREATMENT OF TRAUMATIC THORACIC AORTIC INJURIES  
 Dept. of Interventional Radiology, Shifa International Hospital, Islamabad, Pakistan Ahmad Ammar Afzal
- O-115. Preemptive aortic side branch embolization before EVAR with EXCLUDER:A prospective multicenter study  
 Department of Diagnostic and Interventional Radiology, Kobe University Hospital, Kobe, Hyogo, Japan Koji Sasaki
- O-116. Pre-emptive embolization to prevent post-EVAR type II endoleak: impact of lumbar artery embolization  
 Department of Diagnostic and Interventional Radiology, Gunma University Hospital Kei Shibuya
- O-117. Outcomes of drug-coated balloon angioplasty for chronic long femoropopliteal total occlusion  
 Department of Diagnostic Radiology, Kita-Harima Medical Center, Hyogo, Japan Naokazu Miyamoto
- O-118. The SINGA-PACLI Trial: Risk of Death and Major Amputation at 2 Years  
 Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore Ta Yi Hon
- O-119. The Risk Factor for slow flow phenomenon following Drug-Coating Balloon Angioplasty  
 Department of Diagnostic and Interventional Radiology, Nara Medical University Shinichi Iwakoshi

**Translational Research in IR 2**

Chairs : Satoru Murata (Teikyo University Chiba Medical Center)

Haruyuki Takaki (Department of Radiology, Hyogo Medical University)

Marvin T. Tamana (Philippine Heart Center)

SY22-1. Animal models of Hepatocellular Carcinoma in Translational Interventional Oncology Research

Department of Radiology, Seoul National University Hospital, Seoul National University Jin Woo Choi

SY22-2. Development of Next Generation Hepatic Artery Embolization

Dept. of Radiology, Hyogo Medical University Haruyuki Takaki

SY22-3. What can pulsed electric fields do for IR?

Dept. of Mechanical and Industrial Eng., Univ of Massachusetts Amherst Govindarajan Srimathveeravalli

SY22-4. New Device Conceptualisation to Commercialisation

Department of International Radiology, National University Hospital, Singapore Kamarjit Mangat

SY22-5. Four Tips on Doing Translation Research from My Personal Experience

Department of Radiology, Asan Medical Center, University of Ulsan College of Medicine Ho-Young Song

**Closing Ceremony**

16:55 ~ 17:05

Closing remarks : Koichiro Yamakado (Hyogo Medical University)

第 22 回技術教育セミナー 5

The 22nd Technical Workshop 5

9:10 ~ 10:40

ビーズ TACE / TAE

Beads TACE/TAE

コーディネーター：佐藤 洋造 (がん研有明病院 超音波診断・IVR 部)

TW5-1. HCC に対する DEB-TACE

手稲溪仁会病院 放射線診断科 児玉 芳尚

TW5-2. 肝転移に対するビーズ TAE

がん研有明病院 超音波診断・IVR 部 佐藤 洋造

TW5-3. 子宮筋腫・AVM に対するビーズ TAE

愛知医科大学 放射線科 北川 晃

Sponsored Seminar 11

10:50 ~ 11:50

The Forefront of IVR ②

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

SS11-1. Embolization Pre and Post TEVAR/EVER

Department of Radiology, Oita University Faculty of Medicine Norio Hongo

SS11-2. Role of DEB-TACE in the Era of Systemic Therapy

Dept. of Diagnostic and Interventional Radiology, Nara Medical University Toshihiro Tanaka

SS11-3. Initial Experience of Renal Cryoablation Using Visual-ICE™

Department of Diagnostic Radiology, Keio University School of Medicine Masanori Inoue

(Sponsored by Boston Scientific Japan K.K.)

Luncheon Seminar 14

12:00 ~ 13:00

Diagnostic imaging and treatment of primary liver cancer, focusing on hepatocellular carcinoma and intrahepatic cholangiocarcinoma

Chair : Takamichi Murakami (Professor, Department of Radiology, Kobe University Graduate School of Medicine)

LS14-1. Diagnostic imaging of primary hepatic malignancy, focusing on hepatocellular carcinoma and intrahepatic cholangiocarcinoma

Professor, Department of Radiology, Shinshu University School of Medicine Yasunari Fujinaga

LS14-2. Treatment of primary liver cancer, focusing on hepatocellular carcinoma and intrahepatic cholangiocarcinoma

Associate Professor, Department of Gastroenterology and Hepatology, Kindai University Faculty of Medicine Kazuomi Ueshima

(Sponsored by Incyte Biosciences Japan G.K.)

## 第 22 回技術教育セミナー 6

### The 22nd Technical Workshop 6

13:15 ~ 14:45

放射線防護

Radiation protection

コーディネーター：赤羽 正章 (国際医療福祉大学成田病院 放射線科)

TW6-1. 医療従事者のための実践的な被曝防護～誰のために？何のために？どうやって？

関西医科大学総合医療センター 放射線科 米虫 敦

TW6-2. どのように防護するのか

国際医療福祉大学成田病院 放射線科 赤羽 正章

TW6-3. 診療放射線技師とどのように協力できるのか (診療放射線技師の立場から)

順天堂大学 保健医療学部 診療放射線学科 坂本 肇

## Special Program 7

15:20 ~ 16:40 p129

### Current Status and Future Direction of Junior IR in APSCVIR

Chairs : Takaaki Hasegawa (Aichi Cancer Center Hospital)

Masashi Tamura (Department of Radiology, Keio University School of Medicine)

SP7-1. Welcome greet and introduction from the junior IR community (J-CIRCLE) in JAPAN

Department of Diagnostic and Interventional Radiology, Kobe University Hospital, Kobe, Hyogo, Japan Tomoyuki Gentsu

SP7-2. Current Status of Junior IR in Korea

Ewha Womans University School of Medicine Soo Buem Cho

SP7-3. Current Status of Junior IR in Singapore

Tan Tock Seng Hospital Hui Chi Hong

SP7-4. Current Status of Junior IR in Australia

Cancer Imaging, Peter MacCallum Cancer Centre Philip Chan

SP7-5. Young IR in Indonesia : Challenges and Opportunities

Department of Radiology, Faculty of Medicine Universitas Indonesia - Dr. Cipto Mangunkusumo National General Hospital  
Heltara Ramandika

SP7-6. Current Status of Junior IR in India

Dept. of Interventional Radiology, Bhaktivedanta Hospital and Research Institute Gaurav Gangwani

SP7-7. The Importance of Networking of Junior Interventional Radiologists

Department of Radiology, Keio University School of Medicine Masashi Tamura

SP7-8. Special Comment

Hyogo Medical University Koichiro Yamakado

**Special Program 4**

9:10 ~ 10:10 p125

**Case Discussion: Vascular IR**

Chairs : Tomoyasu Sato (Dept. of interventional and diagnostic radiology, Tsuchiya general hospital, Hiroshima, JAPAN)  
 Rochan Pant (Sir HN Reliance Foundation Hospital, Mumbai India)  
 Andrew Holden (Auckland City Hospital)  
 Je Hwan Won (Ajou University Hospital)

- SP4-1. Removable coils for treatment of femoral pseudoaneurysms  
 Department of Radiology, Gleneagles Hospital Kuala Lumpur Norshazriman Sulaiman
- SP4-2. A novel salvage technique for a bleeding aortoenteric fistula  
 Department of Diagnostic Imaging, National University Hospital, Singapore Shao Jin Ong
- SP4-3. Torrential bleeding of arteriovenous malformation in hand post-ethanol sclerotherapy:  
 A case report  
 Dept. of Radiology, Faculty of Medicine Universitas Indonesia Jacob Pandelaki
- SP4-4. SHOCKWAVE Intravascular Lithotripsy Treatment of Calcified Popliteal Artery Stenoses  
 Department of interventional Radiology, Auckland Hospital Andrew Holden

**Symposium 20**

10:30 ~ 11:50 p186

**Neuro IR**

Chairs : Akio Hiwatashi (Department of Radiology Graduate School of Medical Sciences Nagoya City University)  
 Hiro Kiyosue (Department of Diagnostic Radiology, Faculty of life science, Kumamoto University)  
 Danny HY Cho (Kwong Wah Hospital, Hong Kong)  
 Jacob Pandelaki (Faculty of Medicine. University of Indonesia)

- SY20-1. Thrombectomy in acute cerebral venous sinus thrombosis: a time and resource efficient approach  
 Division of Interventional Radiology, National University Hospital Singapore Gopinathan Anil
- SY20-2. The Beginning brief history of NeuroInterventional Radiology in Mongolia: new era of the diagnosis and treatment  
 Second State Central Hospital, National Diagnostic and Treatment Center, Ulaanbaatar, Mongolia Gantulga Vanchinsuren
- SY20-3. Pressure Cooker Technique – Cook the artery or cook the vein?  
 Department of Radiology and Imaging, Queen Elizabeth Hospital, Hong Kong Wai Lun Poon
- SY20-4. Endovascular Treatment of Intracranial Dural Arteriovenous Fistula  
 University Malaya Medical Centre Khairul Azmi Bin Abd Kadir
- SY20-5. Endovascular Interventions for Posterior Circulation Strokes  
 Department of Radiology, Hospital Sungai Buloh Arvin Rajadurai
- SY20-6. Occipital intraosseous veins on postcontrast MRI: anatomical implication for transvenous embolization of DAVFs  
 Department of Radiology, Kurume University School of Medicine Shuichi Tanoue

## 第 27 回肝動脈塞栓療法研究会

# The 27th Meeting of Japanese Society of Transcatheter Hepatic Arterial Embolization

第一部 臨床研究部会報告・教育講演

13:15 ~ 13:50

Reports from Clinical Research Group・Educational Lecture

座長：佐藤 洋造 (がん研有明病院 超音波診断・IVR 部)

開会挨拶

兵庫医科大学 山門亨一郎

Lip-TACE 不応後の進行肝細胞癌を対象とした Drug-Eluting-Bead を用いた肝動脈化学塞栓療法 (DEB-TACE) の第Ⅱ相試験：TALENT study

奈良県立医科大学 放射線診断・IVR 学 西尾福英之

大型肝細胞癌に対する球状塞栓物質を用いた肝動脈塞栓術 多施設共同第Ⅱ相試験：HAMLET study

三重大学医学部放射線科 藤森 将志

肝細胞癌を対象としたミリプラチンを用いたバルーン閉塞下肝動脈化学塞栓療法 (B-TACE) の多施設共同第Ⅱ相試験：B-TACE study

大阪公立大学放射線診断学・IVR 学教室 山本 晃

治療抵抗性の大腸がん肝転移に対するイリノテカン吸着球状物質を用いた肝動脈化学塞栓療法：多施設共同第Ⅱ相臨床試験

兵庫医科大学 小笠原 篤

教育講演：TACE 臨床試験：最近の話題

がん研有明病院 超音波診断・IVR 部 佐藤 洋造

第二部 Symposium

13:50 ~ 15:10

Translational research for the Development of Next-generation Hepatic Embolotherapy

Chairs : Haruyuki Takaki (Hyogo Medical University)

Hironao Okubo (Department of Gastroenterology, Juntendo University Nerima Hospital)

TAE2-1. Knowledge to start translational research in interventional oncology

Department of Diagnostic and Interventional Radiology, Nara Medical University, Nara, Japan Hideyuki Nishiofuku

TAE2-2. Transarterial chemoembolization using cisplatin powder mixed with Embosphere in a porcine model

Department of Gastroenterology, Juntendo University Nerima Hospital Hironao Okubo

TAE2-3. Tumor Microenvironment after Embolization and Prospects in Combination with Systemic Therapy

Department of Radiology, Kobe University Graduate School of Medicine Eisuke Ueshima

TAE2-4. Usefulness of super selective DEB-TACE in multimodal therapy of HCC

Division of Gastroenterology and Hepatology, Department of Internal Medicine (Omori) , School of Medicine, Faculty of Medicine, Toho University, Tokyo, Japan Hidenari Nagai

TAE2-5. Characterizing inflammatory response to embolotherapy: Understanding differences in tumor landscape according to embolic agent

Department of Interventional Radiology, University of Texas MD Anderson Cancer Center Rony Avritscher

## Special Program 8

15:20 ~ 16:40 p133

### Quality Assurance in Interventional Oncology

Chairs : Yasuaki Arai (National Cancer Center Hospital)

Andreas Adam (King's College London)

SP8-1. Quality Assurance in Interventional oncology. Lessons learned from Radiation Oncology

Royal Brisbane and Women's Hospital Lizbeth Kenny

SP8-2. IASIOS: WHY IT'S THERE AND HOW IT WORKS

Department of Interventional Radiology, King's College London Andreas Adam

SP8-3. IASIOS at Singapore General Hospital – the practicalities of implementation

Department of Vascular & Interventional Radiology, Singapore General Hospital Bien Soo Tan



**Morning Seminar 4**

8:00 ~ 9:00

New frontiers in Interventional Radiology using Artis Interventional Angiography System

Chair : Tetsuya Fukuda (National Cerebral and Cardiovascular Center)

MS04.

Tokai University School of Medicine Terumitsu Hasebe

(Sponsored by Siemens Healthineers)

**Scientific Session 12**

9:10 ~ 10:10 p255

Ablation, Biopsy ..... Chairs : Department of Ultrasound, Sun Yat-Sen University Cancer Center Jianhua Zhou

Samsung Medical Center Sungkyunkwan University School of Medicine Hyunchul Rhim

Mie University School of Medicine Masashi Fujimori

O-082. Laparoscopic ultrasound-guided radiofrequency ablation for malignant hepatic tumors: safety and efficacy

Dept. of Medical Imaging, Show Chwan Memorial Hospital Ming-Chih Chern

O-083. Impact of ablation margin on local tumor progression after RFA for colorectal carcinoma lung metastases

Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital Takaaki Hasegawa

O-084. Cryoablation Following Intra-arterial Iodized-oil Injection in the Treatment of Renal Cell Carcinoma

Department of Radiology, Hyogo Medical University Motonori Takahagi

O-085. Transfissural CT fluoroscopy-guided biopsy for pulmonary lesions contacting the interlobar fissure

Department of Radiological Technology, Graduate School of Health Science, Okayama University Toshihiro Iguchi

O-086. Liquid biopsy assay for pulmonary adenocarcinoma using supernatants from core-needle biopsy specimens

Department of Minimally Invasive Tumor Therapies Center, Beijing Hospital, National Center of Gerontology; Institute of Geriatric Medicine, Chinese Fanlei Kong

O-087. Effects of cancer cell debris after IRE on macrophage polarization and TGF- $\beta$ 1 secretion

Mechanical and Industrial Engineering, University of Massachusetts Amherst, Amherst, MA Yasushi Kimura

O-088. Does the Combination of Radiofrequency Ablation and Atezolizumab Enhance the Systemic Anti-tumor Effect?

Department of Radiology, Hyogo Medical University Nahomi Yoshimura

**APSCVIR Organizational Members' Session**

10:20 ~ 11:50 p120

TSVIR: The best practice

Chairs : Kei Takase (Department of Diagnostic Radiology, Tohoku University Graduate School of Medicine)

Huei-Lung Liang (Kaohsiung Veterans General Hospital)

AP-1. Drug-eluting stent (DES) in hemodialysis access

Department of Radiology, Faculty of Medicine, Prince of Songkla University Keerati Hongsakul

- AP-2. Update of endovascular treatment for acute limb ischemia  
Dept. of Radiology, Prince of Songkla University    Sorracha Rookkapan
- AP-3. Type I Endoleak: The roles of IR  
Department of Radiology, Siriraj Hospital, Mahidol University    Satit Rojwatcharapibarn
- AP-4. Pre-operative embolization for abnormal placentation  
Dept. of Radiology, Faculty of Medicine, Khon Kaen University    Vivian Klungboonkrong
- AP-5. Anatomy and variation of lymphatic in the chest and abdomen  
Dept. of Radiology, Chiang Mai University    Tanop Srisuwan

## Luncheon Seminar 15

12:00 ~ 13:00

### Innovative Technology: Bone Lesion Biopsy and Intervention therapy

Chair : Toshihiro Tanaka (Nara Medical University Department of Radiology and Nuclear Medicine)

- LS15-1. OnControl Bone Lesion Biopsy Innovation and Efficacy  
Department of Radiology, Jikei University School of Medicine    Hirokazu Ashida
- LS15-2. Guideline PV Clinical Efficacy for IVR  
Nara Medical University Department of Radiology and Nuclear Medicine    Shigeo Ichihashi

(Sponsored by Teleflex Medical Japan, Ltd.)

## Symposium 21

13:15 ~ 14:35 p189

### Miscellaneous IR

Chairs : Kei Takase (Department of Diagnostic Radiology, Tohoku University Graduate School of Medicine)  
Munehiro Sugiyama (Isesaki Municipal Hospital Department of diagnostic radiology)  
Hyun-Ki Yoon (Asan Medical Center)

- SY21-1. Vertebral Augmentation- When to use which modality?  
Department of Vascular and Interventional Radiology, Singapore General Hospital    Chow Wei Too
- SY21-2. Interventional Devices for the Treatment of Obesity  
Department of Radiology, Asan Medical Center, University of Ulsan College of Medicine    Ho-Young Song
- SY21-3. Extra-abdominal Desmoid Type Fibromatosis - Disease control with Percutaneous  
Cryoablation  
Tan Tock Seng Hospital    Lawrence Quek
- SY21-4. Catheter-directed sclerotherapy for ovarian endometrioma  
Department of Radiology, Yonsei college of medicine    Kichang Han
- SY21-5. Transarterial Chemoembolization of Non-hepatic Tumors-A Literature Review  
Cardiovascular Radiological Sciences Division, Philippine Heart Center    Marvin Tamana

## 一般演題 18

### Scientific Session 18

14:45 ~ 15:45 p277

#### アブレーション

- Ablation ..... 座長：都島放射線科クリニック IVR センター 保本 卓  
岡山大学放射線科 松井 裕輔
- O-127. 肝ドーム下の肝細胞癌に対する CO2人工気胸下マイクロ波凝固療法 of 検討  
JA 北海道厚生連帯広厚生病院 放射線科 宮本 憲幸
- O-128. 肝細胞癌に対するマイクロ波焼灼術直後に撮像した CTAP を用いた焼灼マージンの評価  
帯広厚生病院 放射線科 曾々木 昇
- O-129. 17G 細径針を用いたマイクロ波焼灼術の基礎的および臨床的評価  
奈良県立医科大学 放射線診断・IVR 学講座 佐藤 健司
- O-130. 慢性腎不全を有する腎癌患者において経皮的腎凍結治療前に TAE を行う実行可能性  
国立がん研究センター中央病院 放射線診断科 伊藤 千尋
- O-131. 散発性腎細胞癌に対する CT ガイド下凍結療法の前に施行するリピオドールマーキングが治療成績に与える影響  
九州大学 医学研究院 臨床放射線科 牛島 泰宏
- O-132. 腎凍結療法における hydrodissection の液体貯留の広がり of 検討  
京都府立医科大学 放射線診断治療学講座 前原 陽介
- O-133. Clinical Experience of Radiofrequency Ablation using arfa RF ABLATION SYSTEM®  
兵庫医科大学病院 放射線科 木野田直也

### Scientific Session 20

15:55 ~ 16:55 p284

- Liver IO Chairs : Department of Vascular and Interventional Radiology, Singapore General Hospital Kiang Hiong Tay  
Department of Radiology, Wakayama Medical University Tetsuo Sonomura
- O-141. Relative comparison of DEB TACE and cTACE in Hepatocellular Carcinoma with regards to treatment response and safety  
Dept. of Intervention Radiology, Manipal Hospitals Dheeraj Shyam Venkat Narayan
- O-142. withdraw
- O-143. Efficacy of D-TACE or C-TACE Plus Camrelizumab for Unresectable Hepatocellular Carcinoma  
Department of Radiology, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology Yusheng Guo
- O-144. TACE using cisplatin and microsphere for intermediate-stage HCC beyond up-to-7 criteria: Short-term outcomes  
Department of Diagnostic Ultrasound and Interventional Radiology, Cancer Institute Hospital of Japanese Foundation for Cancer Research Yozo Sato
- O-145. A pilot study of DEBIRI followed by HAIC for liver metastasis refractory to systemic chemotherapy  
The Department of Diagnostic and Interventional Radiology, Nara Medical University Mariko Kitauchi
- O-146. Changes of extrahepatic collateral flow by embolization of replaced-RHA after pancreatotomy  
Department of Diagnostic and Interventional Radiology, Nara Medical University Sho Shimizu
- O-147. Preparing the liver for a major resection: Early experience with the technique of total venous deprivation  
Department of Radiology, Medanta Hospital Sanjay Saran Baijal

**Morning Seminar 5**

8:00 ~ 9:00

**My own way for maximizing Interventional-CT system**

Chair : Takamichi Murakami (Head of Department, Professor, Department of Radiology, Kobe University)

MS05-1. Using up Interventional-CT for multiple organs

Director, Catheter center of Oncology, Suita Tokushukai Hospital Akihiko Seki

MS05-2. That's why I can do with the latest Interventional-CT  
~ Various intervention at Kurume University ~

Associate Professor, Department of Radiology, Kurume University School of Medicine Masamichi Koganemaru

(Sponsored by GE Healthcare Japan Corp.)

**一般演題 13**

**Scientific Session 13**

9:10 ~ 10:30 p258

**静脈、リンパ管、その他**

**Venous and Lymphatic System, Others**…………… 座長：北播磨総合医療センター 宮本 直和

東京女子医科大学病院 画像診断・核医学科 森田 賢

高知大学医学部 放射線診断・IVR学講座 山西 伴明

O-089. 悪性下大静脈症候群に対する IVC スtent留置後における抗凝固療法の必要性に関する検討

国立がん研究センター中央病院 放射線診断科 小澤 瑞生

O-090. 0歳児に対する CV ポート留置術

国立がん研究センター中央病院 放射線診断科 是恒 悠司

O-091. 座位における上腕 CV ポート留置の有用性：従来の方法では留置できない患者に対する留置方法

愛知医科大学 放射線医学講座 成田 晶子

O-092. 先端開口型 CV ポートにおける最適なフラッシュ期間の検討

奈良県立医科大学 放射線診断・IVR学講座 山本 祐司

O-093. PICC 留置における体位変換による先端位置の変動の評価

京都府立医科大学 放射線診断治療学講座 横田 達哉

O-094. 慢性静脈不全に対する経皮的な下腿不全穿通枝焼灼術 (PAPs) の経験

国立病院機構 大阪南医療センター IVR センター 堺 幸正

O-095. リンパ漏に対する外科的修復術において術中リンパ管造影を施行した2例

京都大学大学院医学研究科放射線医学講座 (画像診断学・核医学) 森島 裕策

O-096. A modified fluoroscopic guided technique for metallic ureteric stent change in chronic ureteric strictures

Department of Vascular and Interventional Radiology, Singapore General Hospital Lee Weiyong

O-097. BALLOON OCCLUSION OF COMMON AND INTERNAL ILIAC ARTERY FOR ABNORMAL PLASENTA IMPLANTATION: WHAT SHOULD WE CHOOSE?

Departement of Radiology, Universitas Brawijaya Malang Nasir Aslam A. Bayhaqi

O-098. Post Traumatic Facial Pain; Multifactorial Causes & Role Of Minimally Invasive Pain Intervention Treatment

Department of Radiology, KPJ Damansara Specialist Hospital Esvaran Divann

## Sponsored Seminar 12

10:50 ~ 11:50

### How to use i-EDCOIL in coil embolization

Chair : Hiroshi Kondo (Teikyo University School of Medicine Dept. of Radiology)

SS12-1. Ideal peripheral branch embolization using iED coils taking advantage of its features

Department of Radiology, St. Marianna University School of Medicine Yukihiisa Ogawa

SS12-2. Advantages of embolization procedure using iED microcoil

Department of Radiology, Kurume University school of Medicine Masamichi Koganemaru

(Sponsored by Kaneka Medix Corporation)

## Luncheon Seminar 16

12:00 ~ 13:00

### Masters of Coil Embolization ~ Coil Embolization for Pulmonary AVMs ~

Chair : Keigo Osuga (Osaka Medical and Pharmaceutical University (Department of Diagnostic Radiology))

LS16-1. Masters of Coil Choice ~ Therapeutic Strategies from the Viewpoint of Basic Experiment ~

Department of Radiology, Kochi Medical School, Kochi University Tomohiro Matsumoto

LS16-2. Masters of EBM ~ Therapeutic Strategies in the Context of the Evidences ~

Department of Radiology, Nagoya City University Masashi Shimohira

LS16-3. Masters of Target ~ Coil Embolization with Target ~

Department of Radiology, Keio University School of Medicine Masanori Inoue

(Sponsored by Stryker.Japan.KK)

## 血管腫・血管奇形シンポジウム

### Vascular anomalies symposium

13:15 ~ 14:15 p199

#### 一般演題

General presentation ..... 座長：大阪医科薬科大学医学部 放射線診断学教室 大須賀慶悟

国家公務員共済組合連合会 斗南病院 作原 祐介

VA-1. コイルによる肺動静脈奇形の塞栓術：何本のコイルが必要か

帝京大学医学部附属病院 放射線科 市木 純哉

VA-2. 巨大静脈サックを伴った腎 type1 動静脈奇形の1例

岐阜大学 医学部 放射線科 永田 翔馬

VA-3. 経動脈的塞栓術と経静脈的塞栓術により根治し得た破裂腎動静脈奇形の1例

北海道大学病院 放射線診断科 阿保 大介

VA-4. A case of pelvic AVM successfully treated by transarterial and transvenous embolization with BRTOlike procedure

土谷総合病院 放射線科 佐藤 友保

VA-5. 椎体血管腫術後も残存する神経障害に対し、ポリドカノールを用いた硬化療法にて症状改善した1例

東海大学 医学部 画像診断科 関口 達也

VA-6. 当院における Yakes 分類 Type IV AVM の臨床経過

日本赤十字社医療センター 放射線血管内治療科 内山 史也

## Vascular anomalies symposium

14:25 ~ 15:25 p202

### Educational Lecture

Chair : Hiro Kiyosue (Department of Diagnostic Radiology, Faculty of life science, Kumamoto University)

VE-1. Yakes classification: application for management of peripheral AVMs

IR Unit, Radiology Department, Gia Dinh Hospital Luan D. Nguyen

VE-2. Complex slow flow vascular malformations - what the IR can offer

Department of Diagnostic and Interventional Imaging, KK Women's and Children's Hospital Luke Toh

## Vascular anomalies symposium

15:35 ~ 16:35

### Case discussion

Chairs : Masanori Inoue (Diagnostic Radiology, Keio University School of medicine)

Akira Kitagawa (Department of Radiology, Aichi Medical University)

Commentators : Luke Toh (KK Women's and Children's Hospital)

Luan D. Nguyen (IR Unit, Radiology Department, Gia Dinh Hospital)

VC-1.

Department of Radiology, Aichi Medical University Akira Kitagawa

VC-2.

Dept. of Radiology, Kyorin University Faculty of Medicine Shiro Onozawa

VC-3.

The Jikei University School of Medicine Kenkichi Michimoto

VC-4.

St. Marianna University School of Medicine Shinji Wada

**Symposium 19**

9:10 ~ 10:30 p184

JSIR meets CCI

Chairs : Ying-Hua Zou (Department of Interventional Radiology and Vascular Surgery, Peking University First Hospital)

Hai-Dong Zhu (Center of Interventional Radiology & Vascular Surgery, Department of Radiology, Zhongda Hospital, Medical School, Southeast University, China)

Toshinori Hirai (Department of Diagnostic Radiology, Kumamoto University)

SY19-1. The status of IR in Jiangsu Province: Results from a survey carried out in 2017

Department of Interventional Radiology, The First Affiliated Hospital of Soochow University Bin-Yan Zhong

SY19-2. Management of patients with hepatocellular carcinoma and portal vein tumor thrombosis: East vs West

Zhongda Hospital, Southeast University Jian Lu

SY19-3. Transarterial embolization for RAML: Case reports and literature review

Dept. of Interventional Radiology and Vascular Surgery, Peking University First Hospital Tianshi Lyu

SY19-4. Portal Vein Pressure Measurement: Time to Revise

Department of Interventional Radiology, Zhongshan Hospital Fudan University Jing-Qin Ma

SY19-5. Contrast Saturation: An embolization endpoint for predicting short-term tumor response after DEB-TACE

Tianjin Third Central Hospital Cheng Sun

**Scientific Session 14**

10:50 ~ 11:50 p263

Portal and Hepatic Venous System

\*\*\*\*\* Chairs : Center of Interventional Radiology & Vascular Surgery, Department of Radiology, Zhongda Hospital, Medical School

Southeast University, China Hai-Dong Zhu

Asan Medical Center Hyun-Ki Yoon

Osaka Metropolitan University Graduate School of Medicine Department of Diagnostic and Interventional Radiology

Akira Yamamoto

O-099. Management of complications caused by portal hypertension: Experience from Vietnam

Gia Dinh Hospital Luan D. Nguyen

O-100. Long-Term Outcomes of PARTO for the Treatment of Gastric Varices and Portosystemic Shunt

Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center

Gun Ha Kim

O-101. Single-Centre Retrospective Study Comparing Left Versus Right Internal Jugular Vein Access for TIPS Creation

Department of Minimally Invasive and Interventional Radiology, Sun Yat-sen University Cancer Center Zhenkang Qiu

O-102. TIPS Plus Sequential Systemic Therapy of Advanced HCC with Tumor Thrombus-related Symptomatic Portal Hypertension

Department of Minimally Invasive and Interventional Radiology, Sun Yat-sen University Cancer Center Fei Gao

O-103. Gun-sight transjugular intrahepatic portosystemic shunt (TIPS) stent insertion: small-volume centre experience

Department of Radiology, Alfred Health Matthew Lukies

- O-104. Percutaneous portal vein recanalization in grade IV portal vein thrombosis for living donor liver transplantation  
medanta hospital Sanjay Saran Baijal
- O-105. A case of angioplasty with pull-through method for hepatic vein stenosis after the LDLT  
Department of Radiology, The University of Tokyo Hospital, Tokyo, Japan Eisuke Shibata

## Luncheon Seminar 17

12:00 ~ 13:00

### Current management strategies for Endovascular Embolization

Chair : Hidefumi Mimura (St. Marianna University School of Medicine)

- LS17-1. Strategies of Endovascular Embolization for Visceral aneurysm at Tokyo medical university  
Tokyo Medical University Toru Saguchi
- LS17-2. Endovascular Embolization for Emergency cases at Teikyo University  
Teikyo University School of Medicine Hiroshi Kondo

(Sponsored by Medico's Hirata Inc.)

## 一般演題 15

### Scientific Session 15

13:15 ~ 14:15 p267

#### 肝臓

- Liver ..... 座長：群馬大学医学部附属病院 画像診療部 渋谷 圭  
信州大学医学部画像医学教室 藤永 康成
- O-106. 腫瘍位置による分類について194人389結節の初発肝細胞癌に対する TACE 長期成績の検討  
大阪公立大学大学院 医学研究科 放射線診断学・IVR 学 浅野 数男
- O-107. 状態の悪い肝細胞癌に対するシスプラチンと球状塞栓物質を用いた肝動脈化学塞栓療法の検討  
愛知県がんセンター 放射線診断・IVR 部 村田 慎一
- O-108. m-ALBI grade によるミリプラチンを用いた肝細胞癌患者に対する TACE における肝機能変化に関する検討  
埼玉医科大学総合医療センター 画像診断科・核医学科 友金 佐光
- O-109. 正常肝機能患者における門脈体循環短絡の頻度は、腹部手術の既往で増加するか  
山梨大学 医学部 放射線科 荒木 拓次
- O-110. 肝転移に対する肝動注療法の症状緩和効果  
吹田徳洲会病院 腫瘍内科 関 明彦
- O-111. 門脈塞栓術：ラットモデルを用いた無水エタノールと n-butyl-cyanoacrylate glue の比較  
島根大学 医学部 放射線科 丸山 光也
- O-112. 経皮的肝生検における重篤な出血性合併症に関連するリスク因子の検討  
国立がん研究センター中央病院 木村慎太郎



## 一般演題 17

### Scientific Session 17

14:25 ~ 15:25 p274

#### 頭頸部、骨軟部

Head, Neck, Bone and Soft Tissue ..... 座長：熊本大学放射線診断学講座 平井 俊範

神戸大学医学部附属病院 放射線診断・IVR科 岡田 卓也

O-120. スtent併用コイル塞栓術後再発性脳動脈瘤に対するフローダイバーター留置術の初期治療成績

高清会 高井病院 脳血管内治療科・IVR科 和田 敬

O-121. ステアリングマイクロカテーテルを使用した上肢動脈アプローチによる RADPLAT

埼玉医科大学病院 放射線科 高橋 大雄

O-122. 椎体腫瘍術前塞栓における subtraction CTA の有用性

鳥取大学 医学部 統合内科医学講座 画像診断治療学分野 牧嶋 惇

O-123. 有痛性骨軟部腫瘍に対する球状塞栓物質を用いた塞栓術

兵庫医科大学病院 放射線科 谷口 純一

O-124. 難治性膝蓋腱炎に対するイミペネム・シラスチンを用いた経動脈的塞栓術の有効性及び安全性の検討

Okuno clinic. 藤原 圭史

O-125. アキレス腱炎に対する微小動脈塞栓療法

オクノクリニック 杉原 英治

O-126. 高度椎体減高を伴う骨粗鬆性椎体骨折に対する経皮的椎体形成術の安全性についての検討

札幌東徳洲会病院 画像・IVRセンター 金谷 本真

### Scientific Session 19

15:35 ~ 16:35 p281

#### GI tract, Biliary and Pancreas, Kidney

..... Chairs : Department of Radiology Faculty of Medicine University of Indonesia Prijo Sidipratomo

Subang Jaya Medical Centre Alex Tang Ah Lak

Department of Comprehensive Radiology, Chiba University Hospital Jun Koizumi

O-134. Percutaneous gastro/enterostomy in patients after gastric surgery

Department of Diagnostic and Interventional Radiology, Aichi Cancer Center Hospital Yoshitaka Inaba

O-135. Torsion of Fatty Appendage of Falciform Ligament, A case of Right Upper Quadrant Pain

Department of Radiology, Aga Khan University Hospital, Karachi Burhan Zafar

O-136. Initial experience of embolotherapy for internal hemorrhoidal bleedings

Kanazawa Medical University Department of Radiology Tetsuya Minami

O-137. Impact of sarcopenia and myosteatorsis on survival following irradiation stenting of biliary tract cancer

Center of Interventional Radiology and Vascular Surgery, Department of Radiology, Zhongda Hospital, Medical School, Southeast University Qi Chen

O-138. Long-bore biliary covered stent in patients with combined malignant biliary and duodenal obstruction

Department of Radiology and Research Institute of Radiology, University of Ulsan College of Medicine, Asan Medical Center, Seoul, Korea

Chang Hoon Oh

O-139. Clinical features and outcomes of endovascular therapy for postpancreatectomy hemorrhage

Department of Radiology and IVR center, Sumitomo Hospital, Osaka, Japan Satoru Nagatomi

O-140. Transcatheter arterial embolization for renal angiomyolipoma using microsphere

Department of Diagnostic and Interventional Radiology, Kobe University Hospital Keigo Matsushiro