

## The 119<sup>th</sup> Annual Congress of Japan Surgical Society

Theme : A Scrum of Surgeons Takes the Field for Science

Congress President : Yuichiro Doki

(Dept of Gastroenterological Surgery, Osaka Univ Graduate School of Medicine)

### English Papers

#### 1. Special Lecture

April 18<sup>th</sup> (Thu.) 10 : 00-11 : 00 Room 1 (Osaka International Convention Center 5F Main Hall)

Chairperson : Dept of Surgery and Science, Kyushu Univ, Japan **Masaki Mori**

SL-1 Serendipities of acquired immunity

Kyoto Univ Institute for Advanced Study, Japan **Tasuku Honjo**

#### 2. Honorary Member Award Lecture

April 18<sup>th</sup> (Thu.) 14 : 30-15 : 00 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)

Chairperson : Kitasato Univ Kitasato Institute Hosp, Japan **Masahiko Watanabe**

HL-1 Twenty-first century gastrointestinal surgery

Colon & Rectal Surgery, Weill Cornell Medical College/  
New York Presbyterian Medical Center, USA **Jeffrey Wood Milsom**

April 19<sup>th</sup> (Fri.) 10 : 30-11 : 00 Room 15 (Rihga Royal Hotel Osaka 3F Korin 3)

Chairperson : JR Sapporo Hosp, Japan **Koichi Hirata**

HL-2 Creating a comprehensive cancer program for the future

Washington Univ in St. Louis School of Medicine, USA **Timothy J. Eberlein**

#### 3. ACS Presidential Lecture

April 18<sup>th</sup> (Thu.) 13 : 30-14 : 00 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)

Chairperson : Oita Univ, Japan **Seigo Kitano**

ACS Update on The American College of Surgeons 2019

Harborview Medical Center, Univ of Washington/  
American College of Surgeons, USA **Ronald V. Maier**

## 4. BJS Presidential Lecture

April 18<sup>th</sup> (Thu.) 14 : 00-14 : 30 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)  
 Chairperson : Hamamatsu Univ School of Medicine, Japan **Hiroyuki Konno**

BJS The rise of endovascular aortic intervention : Is open surgery a dying art?  
 Vascular Surgeon, Newcastle upon Tyne, Newcastle Univ, UK **Michael Graham Wyatt**

## 5. SUS Presidential Lecture

April 19<sup>th</sup> (Fri.) 10 : 00-10 : 30 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)  
 Chairperson : Nagasaki City Hosp Organization, Japan **Takashi Kanematsu**

SUS Evolution of minimally invasive liver surgery  
 Div of Surgical Oncology, Gastrointestinal Disease Specific Research Group,  
 James Cancer Hosp, The Ohio State Univ Wexner Medical Center, USA **Allan Tsung**

## 6. RCS Presidential Lecture

April 19<sup>th</sup> (Fri.) 10 : 30-11 : 00 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)  
 Chairperson : Koujinkai Daiichi Hosp, Japan **Kenichi Sugihara**

RCS Collaboration—The key to improving global outcomes in surgery  
 Royal College of Surgeons of England, UK **Derek Alderson**

## 7. COSECSA Presidential Lecture

April 18<sup>th</sup> (Thu.) 13 : 00-13 : 30 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)  
 Chairperson : Dept of Surgery, Jikei Univ, Japan **Takao Ohki**

COSECSA COSECSA training surgeons for rural Africa and future partnership with JSS  
 Dept of Surgery, College of Health Sciences School of Medicine, Univ of Nairobi/  
 College of Surgeons of East, Central and Southern Africa **Pankaj G Jani**

## 8. International Lecture

April 19<sup>th</sup> (Fri.) 10 : 00-10 : 30 Room 15 (Rihga Royal Hotel Osaka 3F Korin 3)  
 Chairpersons : Dept of Breast and Thyroid Surgery, Kawasaki Medical School, Japan **Junichi Kurebayashi**  
 Dept of Breast and Endocrine Surgery,  
 St. Marianna Univ School of Medicine, Japan **Koichiro Tsugawa**

IL Tumor infiltrating lymphocytes and breast cancer  
 Univ of Milan at the European Institute of Oncology, Italy **Giuseppe Viale**

9. The 6th JSS/GSS Topic Conference

JG Minimally invasive surgery in Surgery

April 19<sup>th</sup> (Fri.) 13:40-15:10 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)

Chairpersons : Secretary General of the German Society of Surgery, Germany **Hans-Joachim Meyer**  
Dept of Surgery, Jikei Univ, Japan **Takao Ohki**

JG-1 The development of minimally invasive surgery in rectal cancer therapy  
Dept of General, Visceral and Transplantation Surgery,  
Hosp Augsburg, Germany **Matthias Anthuber**

JG-2 Recent advances of endoscopic surgery for rectal cancer  
Dept of Colorectal Surgery, National Cancer Center Hosp East, Japan **Masaaki Ito**

JG-3 Development of endovascular surgery in Germany : DGG milestones of the last two decades  
Dept of Vascular Surgery, Krankenhaus Barmherzige Brüder Regensburg, Germany **Markus Steinbauer**

JG-4 Endovascular repair for thoracoabdominal aneurysm or dissection  
Dept of Cardiovascular Surgery, Morinomiya Hosp, Japan **Masaaki Kato**

JG-5 Minimally invasive surgery in hernia repair  
Dept of Surgery, Vivantes Hosp Berlin,  
Academic Teaching Hosp of Charité Medical School, Germany **Ferdinand Köckerling**

JG-6 Minimally invasive surgery : An approach to incisional hernias  
Dept of Surgery, Tachikawa General Hosp, Japan **Hiroshi Hirukawa**

10. Symposium

SY-1 Surgical treatment for liver metastases of various cancers [International]

April 18<sup>th</sup> (Thu.) 8:00-10:00 Room 2 (Osaka International Convention Center 6F Sub Hall)

Chairpersons : Dept of Surgery, Tokushima Univ, Japan **Mitsuo Shimada**  
Dept of Hepato-Biliary-Pancreatic Surgery, Miyazaki Univ, Japan **Atsushi Nanashima**

SY-1-1 Liver Metastases from Non Colorectal Non Endocrine (NCRNE) cancers : Is liver resection worthwhile?  
APHP Hosp Paul Brousse, Univ Paris Sud, Villejuif, France **René Adam**

SY-1-2 ALPPS for management of patients with extensive colorectal carcinoma liver metastases  
Harvard Medical School, Massachusetts General Hosp, USA **Kenneth K Tanabe**

SY-1-3 Effect of surgical resection for liver metastases from various primary organs  
New Tokyo Hosp, Japan **Junji Yamamoto**

SY-1-4 Conversion surgery for liver metastasis from gastric cancer  
Dept of Gastrointestinal Surgery, Univ of Tokyo, Japan Hiroharu Yamashita

SY-1-5 Gastric cancer liver metastasis : Updated our experience and optimal selection criteria for resection  
Dept of HPB Surg, Cancer Institute Hosp, Japanese Foundation for Cancer Research, Japan Hiromichi Ito

SY-1-6 Treatment strategy of colorectal liver metastases for upfront surgery and conversion surgery  
Dept of Surgery, Tokushima Univ, Japan Yuji Morine

SY-1-7 Surgical outcomes for neuroendocrine liver metastases : A retrospective, multicenter survey in Japan  
2nd Dept of Surgery, Dokkyo Med Univ, Japan Taku Aoki

**SY-3 Minimally invasive surgery for lung cancer [Video • International]**  
April 18<sup>th</sup> (Thu.) 15 : 00-17 : 00 Room 2 (Osaka International Convention Center 6F Sub Hall)  
Chairpersons : Dept General Thoracic Breast and Pediatric Surgery, Fukuoka Univ, Japan Akinori Iwasaki  
Div of General Thoracic Surgery, Kobe Univ, Japan Yoshimasa Maniwa

SY-3-1 Current status and challenges for video-assisted thoracoscopic surgery  
Dept of Cardiothoracic Surgery, Odense Univ Hosp, Denmark Peter B Licht

SY-3-2 Thoracoscopic anatomic lung segmentectomy using three-dimensional computed tomography simulation for small-size lung cancers.  
Surgery II, Yamagata Univ. Faculty of Medicine, Japan Hiroyuki Oizumi

SY-3-3 Feasibility of minimally invasive surgery for locally advanced lung cancer  
Dept of Oncology, Immunology and Surgery, Nagoya City Univ, Japan Katsuhiro Okuda

SY-3-4 The management of increase in operative indications and assurance of safety in less invasive thoracic surgeries  
Div of Thoracic Surgery, Kobe Univ Graduate School of Medicine, Japan Yugo Tanaka

SY-3-5 Evaluation of complete VATS as minimal invasive surgery for lung cancer  
Dept of General Thorac, Breast and Endocrin Surgery, Faculty of Medicine, Kagawa Univ, Japan Tetsuhiko Go

SY-3-6 A role and the problems that should be settled in robot-assisted thoracic surgery as a minimally invasive lung cancer surgery  
Div of General Thoracic Surgery, Tottori Univ, Japan Tomohiro Haruki

SY-3-7 Cone beam CT guided bronchoscopic infra-red fluorescence marking for thoracoscopic resection of small-sized lung cancer

Dept of Surgery II, Kochi Univ, Japan **Takashi Anayama**

**SY-5 Technique for colorectal cancer [Video・International]**

April 18<sup>th</sup> (Thu.) 15:00-17:00 Room 12 (Rihga Royal Hotel Osaka 3F Royal Hall)

Chairpersons : Dept of Gastroenterological and Pediatric Surgery,

Oita Univ Faculty of Medicine, Japan **Masafumi Inomata**

Dept of Surgery, Surgical Oncology and Science,

Sapporo Medical Univ, Japan **Ichiro Takemasa**

SY-5-1 Robotic CME for right sided colon cancer : The "SMV-First" approach

Sec of Colon and Rectal Surgery, Dept of Surgical Oncology,

Health Services Research, The Univ of Texas,

MD Anderson Cancer Center, USA **George J Chang**

SY-5-2 Technical aspect of plane-oriented colorectal mobilization

Dept of Gastroenterological Surg, Saitama Med Univ Int'l Med Ctr, Japan **Shigeki Yamaguchi**

SY-5-3 Laparoscopic surgery for lower rectal cancer

Dept of Colorectal Surgery, Toranomon Hosp, Japan **Hiroya Kuroyanagi**

SY-5-4 Application of near-infrared observation to laparoscopic colorectal cancer surgery

Dept of Surgery, Yokohama City Univ. Medical Center, Japan **Jun Watanabe**

SY-5-5 Endoscopically assisted extralevator abdominoperineal excision based on rectum-associated muscle structure defined by MRI

Dept of Surgery, Surgical Oncology and Science, Sapporo Medical Univ, Japan **Atsushi Hamabe**

SY-5-6 Laparoscopic extended pelvic surgery for rectal cancer

Dept of Surgery, National Hosp Organization, Osaka National Hosp, Japan **Mamoru Uemura**

SY-5-7 Robotic surgery for rectal cancer

Div of Colon and Rectal Surgery, Shizuoka Cancer Center, Japan **Akio Shiomi**

**SY-6 Current status and perspective of aortic valve repair in the elderly- sutureless valve or TAVI [International]**

April 18<sup>th</sup> (Thu.) 8:00-10:00 Room 14 (Rihga Royal Hotel Osaka 3F Korin 2)

Chairpersons : Dept of Cardiovascular Surgery, Kyushu Univ, Japan **Akira Shiose**

Dept of Surgery, Tokyo Bay Urayasu Ichikawa Medical Center, Japan **Minoru Tabata**

SY-6-1 Progress of surgical treatment for severe aortic stenosis. ~TAVI or AVR with MICS approach and/or sutureless valve

Dept of Cardiovascular Surgery, Osaka Univ Graduate School of Medicine, Japan **Yoshiki Sawa**

SY-6-2 Progress of surgical aortic valve replacement—Recent achievements  
Div of Cardiac Surgery, Medical Univ of Vienna, Austria **Günther Laufer**

SY-6-3 Role of SAVR in NEW Era of Aortic Valve Surgery  
Dept of Cardiovascular Surgery, Showa Univ Koto Toyosu Hosp, Japan **Hiroki Yamaguchi**

SY-6-4 Comparison of surgical aortic valve replacement and transcatheter aortic valve implantation in octogenarians—Early and midterm outcomes, and costs—  
Dept of Cardiovascular Surgery, Tottori Univ, Japan **Takeshi Onohara**

SY-6-5 Where is the standing position of newly launching rapid-deployment AVR in Japan in TAVI era?  
Dept of Cardiovascular Surgery, Kyushu Univ Hosp, Japan **Hiromichi Sonoda**

SY-6-6 Relay implantation of biological prostheses in the aortic position  
Dept of Cardiovascular Surgery, Heart Institute of Japan,  
Tokyo Women's Medical Univ, Japan **Hiroshi Niinami**

**SY-9 Regenerative medicine for pediatric surgery [International]**  
April 19<sup>th</sup> (Fri.) 8:00-10:00 Room 3 (Osaka International Convention Center 10F 1001)  
Chairpersons : Kobe Children's Hosp, Japan **Kosaku Maeda**  
Dept of Pediatric Surgery, International Univ of Health and Welfare School of Medicine, Japan **Yasushi Fuchimoto**

SY-9-1 Tracheal allotransplantation  
ENT Head & Neck Surgery, Univ Leuven Belgium, Belgium **Pierre Delaere**

SY-9-2 In-body-tissue-engineered collagenous connective tissue tube (Biotube) as a novel esophageal and tracheal scaffold.  
Dept of Pediatric Surg, Osaka Univ, Japan **Hiroomi Okuyama**

SY-9-3 Transplantation of Hepatocyte-like cells derived from stem cells from human exfoliated deciduous teeth in alternative of liver transplantation in mice  
Dept Pediatric Surgery, Kyushu Univ, Japan **Tomoaki Taguchi**

SY-9-4 Bioengineering of oesophagus with decellularized extracellular matrix and in vitro expanded progenitor cells  
Dept of Pediatric Surg, Osaka Univ, Japan **Koichi Deguchi**

SY-9-5 FIH on autologous cultivated oral mucosal epithelial transplantation in anastomotic stenosis in postoperative congenital esophageal atresia  
Dept of Pediatric Surgery, IUHW School of Medicine, Japan **Yasushi Fuchimoto**

SY-9-6 Regeneration of mouse abdominal wall defects using engineered myoblasts with a biosheet : A preliminary report  
Dept of Pediatric Surgery, Kyoto Prefectural Univ of Med, Japan **Shigehisa Fumino**

SY-9-7 Preclinical study with tracheal administration of basic fibroblast for the severe trachea malacia  
Dept of Pediatric Surger, Tokyo Univ, Japan **Makoto Komura**

**SY-10 Tecqnique of revascularization for Hepato-Biliary-Pancreatic Surgery [Video • International]**  
April 19<sup>th</sup> (Fri.) 15 : 10-17 : 10 Room 7 (Osaka International Convention Center 10F 1009)  
Chairpersons : Dept of Gastroenterological, Breast and Endocrine Surgery,  
Yamaguchi Univ, Japan **Hiroaki Nagano**  
Dept Pediatric Surgery and Transplantation, Kumamoto Univ, Japan **Taizo Hibi**

SY-10-1 Revascularization at the extremes of HPB surgery : Hepatic vein ouflow and mesenteric vein inflow reconstitution in cases of HV occlusion and total SMV occlusion by pancreatic cancer  
Royal Free Hosp-Princess Grace Hosp London, UK **Massimo Malagò**

SY-10-2 Hepatobiliary pancreatic surgery with portal vein and hepatic artery resection/reconstruction, paying attention to use of interposed venous and arterial grafts  
Dept of Hepatobiliary Pancreatic and Transplant Surgery, Mie Univ, Japan **Shuji Isaji**

SY-10-3 Great saphenous vein graft, as an ingenious alternative in major arterial reconstruction during HBP surgery  
Dept of Surg, Surg Oncol and Sci, Japan **Yasutoshi Kimura**

SY-10-4 Combined arterial resection in pancreateoduodenectomy for locally advanced pancreatic cancer.  
Dept of Surgery, Hiroshima Univ, Japan **Kenjiro Okada**

SY-10-5 Left hepatic trisectionectomy combined with right hepatic artery resection/reconstruction after downsizing chemotherapy for patients with advanced biliary tract cancer to achieve R0 resection  
Dept General Surgery, Chiba Univ, Japan **Satoshi Kuboki**

SY-10-6 Major hepatectomy with combined vascular resection for perihilar cholangiocarcinoma  
Div of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center, Japan **Teiichi Sugiura**

SY-10-7 Hepatic venous reconstruction in the major hepatectomy based on the techniques and perspectives obtained in living-donor liver transplantation  
Artificial Organ and Transplantation Surgery Div,  
Dept of Surgery, Univ. Japan **Nobuhisa Akamatsu**

SY-10-8 Radical resection for HBP malignancy with vascular reconstruction : Challenge to the limits  
Dept of Surgery, Keio Univ, Japan **Yuta Abe**

SY-10-9 Technical tips and pitfalls in extracorporeal hepatic resection for tumors otherwise unresectable  
Dept of Surgery and Science, Kyushu Univ, Japan **Yuji Soejima**

**SY-11 “Artery First” Approach for resection of pancreatic cancer, the clinical benefit for the long-term outcome [International]**  
April 19<sup>th</sup> (Fri.) 8 : 00-10 : 00 Room 8 (Osaka International Convention Center 12F Conference Hall)  
Chairpersons : Dept of Gastroenterological Surgery, Cancer Institute Hosp, Japan **Akio Sairai**  
Dept of Surgery and Science, Toyama Univ, Japan **Tsutomu Fujii**

SY-11-1 Artery first approach for pancreatic cancer in upfront resection and after neoadjuvant therapy  
Dept of General, Visceral and Transplantation Surgery,  
Univ of Heidelberg, Germany **Thilo Hackert**

SY-11-2 Pancreaticoduodenectomy in the era of neoadjuvant Folfirinox—The role of artery-first dissection  
Dept of Surgery, Memorial Sloan Kettering Cancer Center/  
Weill Cornell Medical College, USA **Jeffrey Adam Drebin**

SY-11-3 Survival impact of the mesenteric approach for patients with pancreatic cancer  
Second Dept of Surgery, Japan **Hiroki Yamaue**

SY-11-4 “Artery first approach” pancreaticoduodenectomy for pancreatic cancer : Is it effective for long-time survival?  
Dept of Surgery, Tohoku Univ, Japan **Michiaki Unno**

SY-11-5 Pancreaticoduodenectomy with supracolic anterior artery-first approach for pancreatic cancers  
Digestive and Hepato-Biliary-Pancreatic Surgery Div,  
The Cancer Institute Hosp, Japan **Yosuke Inoue**

SY-11-6 The clinical implication of original mesenteric approach—From a perspective of short- and long-term outcomes—  
Nagoya Univ, Gastroenterological Surgery, Japan **Suguru Yamada**

SY-11-7 The right sided artery-first approach in distal pancreatectomy with en-bloc celiac axis resection for pancreatic body cancer  
Dept of Gastroenterological Surgery II, Hokkaido Univ, Japan **Toru Nakamura**

**SY-13 Laparoscopic surgery for advanced gastric cancer [Video・International]**

April 19<sup>th</sup> (Fri.) 15:10-17:10 Room 8 (Osaka International Convention Center 12F Conference Hall)

Chairpersons : Dept of Gastroenterological Surgery, Nagoya City Univ, Japan **Shuji Takiguchi**  
Gastric Surgery Div, National Cancer Center Hosp East, Japan **Takahiro Kinoshita**

**SY-13-1 Laparoscopic gastric resection using NIR camera**

Dept of Surgery, Seoul National Univ Hosp,  
Seoul National Univ College of Medicine, Korea **Han-Kwang Yang**

**SY-13-2 Minimally invasive surgery for advanced gastric cancer**

Dept of Surgery, Fujita Health University, School of Medicine, Japan **Ichiro Uyama**

**SY-13-3 Short-term and long-term outcomes after laparoscopic gastrectomy for advanced gastric cancer**

Dept of Gastroenterological Surgery, Osaka Univ, Japan **Yukinori Kurokawa**

**SY-13-4 Clinical outcomes and perspectives of laparoscopic surgery for advanced gastric cancer**

Gastric Surgery Div, National Cancer Center Hosp East, Japan **Takahiro Kinoshita**

**SY-13-5 Knacks of the assistant operator in laparoscopic gastrectomy with D2 lymphadenectomy**

Dept of Gsatric Surgery, Tokyo Medical and Dental Univ, Japan **Mikito Inokuchi**

**SY-13-6 A secure technique of laparoscopic total gastrectomy for advanced cancer**

Dept of General and Gastroenterological Surgery, Japan **Sang Woong Lee**

**SY-13-7 Robotic gastrectomy for advanced gastric cancer : Short term outcomes compared to conventional laparoscopic gastrectomy**

Dept of Surgery, Kyoto Univ, Japan **Shigeo Hisamori**

**SY-13-8 Validation study for laparoscopic gastrectomy following neoadjuvant chemotherapy**

Dept of Gastroenterological Surgery, Osaka Saiseikai-Noe Hosp, Japan **Tetsuo Ito**

**SY-14 Optimal surgical treatment for breast cancer after neoadjuvant chemotherapy [International]**

April 19<sup>th</sup> (Fri.) 8:00-10:00 Room 15 (Rihga Royal Hotel Osaka 3F Korin 3)

Chairpersons : Dept of Breast and Thyroid Surgery, Kawasaki Medical School, Japan **Junichi Kurebayashi**  
Dept of Breast and Endocrine Surgery,  
St. Marianna Univ School of Medicine, Japan **Koichiro Tsugawa**

**SY-14-1 The evolving role of surgery in the management of patients receiving neoadjuvant therapy**

The Univ of Texas, MD Anderson Cancer Center, USA **Kelly K. Hunt**

SY-14-2 Surgical treatment of breast cancer patients who receive neoadjuvant chemotherapy or endocrine therapy  
 Breast Surgery, Kyorin Univ Hosp, Japan **Shigeru Imoto**

SY-14-3 Impact of neoadjuvant chemotherapy on locoregional surgical treatment of breast cancer  
 Div of Breast Surgery, National Cancer Center Hosp, Japan **Takayuki Kinoshita**

SY-14-4 Less invasive surgery for primary tumor and axillary lymph node after neoadjuvant chemotherapy  
 Dept of Breast Surgical Oncology, St. Luke's International Hosp, Japan **Naoki Hayashi**

SY-14-5 A nomogram of predictive factors of axillary pathological complete response of node-positive breast cancer to neoadjuvant chemotherapy  
 Dept of Breast Surgery, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hosp, Japan **Naoko Iwamoto**

SY-14-6 Evaluation of remaining lesion after neo-adjuvant chemotherapy for breast cancer  
 Dept of Breast and Endocrine Surgical Oncology, Tohoku Univ, Japan **Yohei Hamanaka**

SY-14-7 Impact of immediate breast reconstruction after mastectomy on the short and long-term outcome of patients receiving neoadjuvant chemotherapy  
 Dept of Surgery, The Jikei Univ School of Medicine, Japan **Hiroko Nogi**

## 11. Panel Discussion

### PD-2 Surgical treatment for elderly patients with lung cancer [International]

April 18<sup>th</sup> (Thu.) 8:00-10:00 Room 8 (Osaka International Convention Center 12F Conference Hall)  
 Chairpersons : Dept of Thoracic Surgery, The Univ of Tokyo, Japan **Jun Nakajima**  
 Dept of Thoracic and Breast Surgery, Oita Univ, Japan **Kenji Sugio**

PD-2-1 Lung cancer resection in the elderly—The European perspective  
 ELK Berlin Chest Hosp, Dept of Thoracic Surgery, Germany **Gunda Leschber**

PD-2-2 Use of estimates of postoperative risk to manage elderly patients considering lung cancer surgery  
 Japanese Association for Chest Surgery, Japan **Shunsuke Endo**

PD-2-3 A novel comprehensive risk scoring system for predicting postoperative complications in octogenarian lung cancer patients and late-breaking survival outcomes : JACS1303  
 Dept of Chest Surgery, St. Marianna Univ School of Medicine, Japan **Hisashi Saji**

PD-2-4 Clinical outcomes after pulmonary resection for lung cancer in octogenarian patients  
 National Cancer Center Hosp East, Japan **Kenta Tane**

PD-2-5 Pulmonary resection for cN0 lung cancer in elderly patients comparative analysis among patients aged under 75, 75 or over and octogenarian  
Dept of Thoracic Surgery, Shizuoka Cancer Center, Japan **Tetsuya Mizuno**

PD-2-6 Optimal evaluation and selection of geriatric operable lung cancer patients  
Dept. of General Thoracic Surgery,  
Japanese Red Cross Maebashi Hosp, Japan **Tomohiro Yazawa**

**PD-3 The surgical treatment for adult congenital heart disease [International]**  
April 18<sup>th</sup> (Thu.) 15:00-17:00 Room 8 (Osaka International Convention Center 12F Conference Hall)  
Chairpersons : Div of Cardiovascular Surgery, Osaka Univ, Japan **Takayoshi Ueno**  
Dept of Cardiac Surgery, Tokyo Univ, Japan **Yasutaka Hirata**

PD-3-1 Aortic dilatation in cono-truncal anomalies : What to do?  
Dept of Cardiovascular Surgery, Mayo Clinic,  
and Mayo College of Medicine and Science Rochester, USA **Sertaç Çiçek**

PD-3-2 Long term outcome of patients after TCPC conversion for failing fontan  
National Cerebral and Cardiovascular Center, Japan **Hajime Ichikawa**

PD-3-3 Mid- to long-term outcome of total Cavo-Pulmonary connection in High-Risk adult candidates  
Dept of Cardiovascular Surgery, Okayama Univ, Japan **Yasuhiro Kotani**

PD-3-4 Consideration for indications and procedures in adult congenital heart disease  
Dept of Cardiovascular Surgery, Kitasato Univ School of Medicine, Japan **Takashi Miyamoto**

PD-3-5 The significance of right side of the heart in the development of atrial arrhythmia in patients with repaired tetralogy of fallot  
Dept of Cardiovascular Surgery, Osaka Univ Graduate School of Medicine, Japan **Takashi Kido**

PD-3-6 Establishment of adult congenital heart disease team at fukuoka city and yokohama city : Importance of ACHD team.  
Dept. of Surgery, Yokohama City Univ, Japan **Munetaka Masuda**

**PD-4 Neoadjuvant treatment for the lower rectal cancer [International]**  
April 18<sup>th</sup> (Thu.) 8:00-10:00 Room 12 (Rihga Royal Hotel Osaka 3F Royal Hall)  
Chairpersons : **Yoshito Akagi**  
Dept of Colorectal Surgery, National Cancer Center Hosp East, Japan **Masaaki Ito**

PD-4-1 Multimodality therapy of locally advanced distal rectal cancer : Advances and new challenges  
Memorial Sloan Kettering Cancer Center, USA **José Gaston Guillem**

PD-4-2 Treatment for resectable low rectal cancer in the west and Japan  
Dept of Surgery, Saito-rosai Hosp, Japan **Norio Saito**

PD-4-3 Pre-operative chemoradiation therapy using S-1+CPT-11 for advanced lower rectal cancer  
Div of Lower GI Surgery, Dept of Surgery, Hyogo Coll of Med, Japan **Naohiro Tomita**

PD-4-4 Oncologic outcomes in patients with rectal cancer treated with neoadjuvant chemotherapy  
Dept of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery,  
Nippon Medical School, Japan **Michihiro Koizumi**

PD-4-5 PhaseI/II studies of preoperative chemoradiotherapy for rectal cancer using irrinotecan or oxaliplatin  
Dept of Surgical Oncology, The Univ of Tokyo, Japan **Soichiro Ishihara**

PD-4-6 Preoperative chemoradiotherapy for advanced low rectal cancer～Current status and future perspective  
Dept of Gastroenterological Surger, Cancer Institute Hosp, Japan **Takashi Akiyoshi**

PD-4-7 Multicenter phase Ib/II study of nivolumab monotherapy and subsequent radical surgery following preoperative chemoradiotherapy in patients with resectable locally advanced rectal cancer : VOLTAGE trial  
Dept of Colorectal Surgery, National Cancer Center Hosp East, Japan **Yuichiro Tsukada**

**PD-5 Timing of surgery in multimodality treatment strategy in upper GI cancer [International]**  
April 18<sup>th</sup> (Thu.) 13:00-15:00 Room 14 (Rihga Royal Hotel Osaka 3F Korin 2)

Chairpersons : Dept of Surgery, Div of Surgical Oncology, Tottori Univ, Japan **Yoshiyuki Fujiwara**  
Dept of Gastroenterol Surgery, Cancer Institute Hosp, Japan **Masayuki Watanabe**

PD-5-1 Multimodality therapy of pancreatic cancer : Surgery before or after chemotherapy/chemoradiotherapy?  
Univ of Chicago, USA **Mitchell C. Posner**

PD-5-2 Selective surgery for esophageal cancer  
Dept of Thoracic and Cardiovascular Surgery, Unit 445,  
The Univ of Texas, MD Anderson Cancer Center, USA **Wayne L. Hofstetter**

PD-5-3 Positioning of surgery in multimodal therapy for thoracic esophageal cancer  
Dept of Frontier Surgery, Chiba Univ, Japan **Hisahiro Matsubara**

PD-5-4 Clinical relevance of coversion surgery for unresectable T4 esophageal cancer  
Dept Gastroenterological Surgery, Osaka International Cancer Institute, Japan **Miyata Hiroshi**

PD-5-5 Conversion therapy for stage IV gastric cancer—When and how to operate—  
Dept of Surgical Oncology, Gifu Univ, Japan Kazuhiro Yoshida

PD-5-6 Conversion surgery for gastric cancer patients with peritoneal metastasis after intraperitoneal (IP) chemotherapy with taxanes  
Dept of Surgery Teikyo Univ School of Medicine, Japan Ryoji Fukushima

**PD-6 The evaluation and significance of tumor-infiltrating lymphocytes in breast cancer [International]**  
April 18<sup>th</sup> (Thu.) 8:00-10:00 Room 15 (Rihga Royal Hotel Osaka 3F Korin 3)  
Chairpersons : Dept of Breast Oncology, Saitama Med Univ  
International Med Center, Japan Toshiaki Saeki  
Dept of Breast Surgery, Hokkaido Univ Hosp, Japan Hiroko Yamashita

PD-6-1 Histological evaluation for tumor infiltrating lymphocytes in invasive breast carcinoma  
Dept of Pathology, Kawasaki Med Sch, Japan Takuya Moriya

PD-6-2 Tumor infiltration lymphocytes : Promising biomarker for immuno-oncology in breast cancer  
Breast Surgery, Kansai Medical Univ Hosp, Japan Tomoharu Sugie

PD-6-3 Functional mechanism on tumor-infiltrating lymphocytes in triple-negative breast cancer  
Dept of Surgery and Oncology, Kyushu Univ, Japan Masaya Kai

PD-6-4 Predictive and prognostic value of tumor-infiltrating lymphocytes before and after neoadjuvant therapy in triple negative and HER2-positive breast cancer  
Dept of Breast Surgical Oncology, St. Lukes International Hosp, Japan Tomohiro Ochi

PD-6-5 Validation of the optimum timing of assessment of tumor infiltrating lymphocytes during preoperative chemotherapy for breast cancer  
Dept of Breast and Endocrine Surgery, Osaka City Univ, Japan Shinichiro Kashiwagi

PD-6-6 Clinical significance of the immune microenvironment of ductal carcinoma *In Situ* of the breast.  
Dept of Surgery and Science, Kyushu Univ, Japan Nami Yamashita

## PD-13 Long term complications of the acute aortic dissection treatment 【International】

April 19<sup>th</sup> (Fri.) 13 : 10-15 : 10 Room 13 (Rihga Royal Hotel Osaka 3F Korin 1)

Chairpersons : Dept of Cardiovascular Surgery, National Cerebral and  
 Cardiovascular Center, Japan Hitoshi Matsuda  
 Dept of Cardiovascular Surgery, International Medical Center,  
 Saitama Medical Univ. Japan Akihiro Yoshitake

PD-13-1 Elephant trunk in total arch replacement for acute type I dissection—Does it improve the long-term prognosis and should it be stented (frozen) ?

Dept of Thoracic and Cardiovascular Surgery,  
 Seoul National Univ Bundang Hosp, Korea Kay-Hyun Park

PD-13-2 Chronic downstream aortic lesions after surgical repair of acute aortic dissection

Dept. of Cardiovascular Surgery, Kyoto Univ, Japan Kenji Minatoya

PD-13-3 Outcomes of total arch, partial arch and ascendig replacement for type A acute aortic dissection : A Single-Center 16-year experience

Dept of Thorac and Cardiovasc Surgery, Hirosaki Univ, Japan Norihiro Kondo

PD-13-4 Validity of aggressive TAR with FET for stanford type A acute aortic dissection

Dept of Thoracic and Cardiovascular Surgery,  
 Wakayama Medical Univ, Wakayama, Japan Mitsuru Yuzaki

PD-13-5 Efficacy of partial aortic arch replacement for type A acute aortic dissection to improve long term results

Dept of Cardiovascular Surgery, Saiseikai Utsunomiya Hosp, Japan Hidenobu Takaki

PD-13-6 Evaluation of first time surgery through re-operation for acute type A aortic dissection

Dept of Cardiac Surgery, Nagoya Univ, Japan Masato Mutsuga

PD-13-7 Evaluation of long term effectiveness of TEVAR for acute type B aortic dissection

Dept of Cardiovascular Surgery, Osaka Univ, Japan Kazuo Shimamura

## 12. Workshop

## WS-3 Taking advantage of the big data for clinical trial 【International】

April 18<sup>th</sup> (Thu.) 8 : 00-10 : 00 Room 9 (Osaka International Convention Center 12F 1202)

Chairpersons : Dept of Cardiovascular Surgery,  
 Toho Univ Sakura Medical Center, Japan Noboru Motomura  
 Dept of Hepato-Biliary-Pancreatic and Transplant Surgery,  
 Fukushima Med Univ, Japan Shigeru Marubashi

WS-3-1 Taking advantage of big data for clinical trials

Surgery and Health Services, UCLA Schools of Medicine and Public Health/  
 Div of Research and Optimal Patient Care, American College of Surgeons, USA Clifford Y. Ko

WS-3-2 Frequency and risk factors for venous thromboembolism after gastroenterological surgery based on the NCD  
Dept of GE Surgery Osaka Univ., Japan **Taishi Hata**

WS-3-3 Clinical research using big data in the field of hepato-biliary-pancreatic surgery  
HBP Surgery and Transplantation Div, Univ of Tokyo, Japan **Kiyoshi Hasegawa**

WS-3-4 Requirements for a successful bridge from retrospective Japan cardiovascular surgery database (JCVSD) analysis to a prospective multi-institutional study  
Dept of Cardiac Surgery, The Jikei Univ Sch of Med, Japan **Ko Bando**

WS-3-5 Short-term outcomes of open vs laparoscopic colectomy in Japan : Analysis using the nationwide diagnosis procedure combination database  
Dept of Surgery, Wakamatsu Hosp of UOEH, Japan **Jun Nagata**

WS-3-6 Collaborative projects of NCD and NSQIP for quality improvement of gastroenterological surgery  
Dept of Hepato-Biliary-Pancreatic and Transplant Surgery,  
Fukushima Med Univ, Japan **Yasuhide Kofunato**

WS-3-7 The use of livers with metabolic disorders for transplantation - current status : The domino liver world transplant register (DLTR) viewpoint  
Dept of Surgery, Uppsala Univ Hosp **Shinji Yamamoto**

WS-3-8 The Japanese breast cancer society QI committee striving to improve the quality of medical care through NCD breast cancer registration  
Showa Univ, Japan **Yoshimi Ide**

### 13. Surgical Forum

■ : Travel Grant  
▲ : ACS Exchange Traveller  
● : GSS Exchange Traveller

April 18<sup>th</sup> (Thu.) 14 : 00-15 : 00 Room 3 (Osaka International Convention Center 10F 1001)

SF-005-8 A nanotechnology-enabled strategy for image-guided transbronchial and transpleural photothermal therapy of peripheral lung cancer  
Div of Thoracic Surgery, Toronto General Hosp,  
Univ of Toronto, Ontario, Canada **Tomonari Kinoshita**

April 18<sup>th</sup> (Thu.) 16 : 00-17 : 00 Room 6 (Osaka International Convention Center 10F 1008)

SF-018-1 The American College of Surgeons surgical risk calculator underestimates the actual risks  
 [T] of hepatectomy for liver tumors : Results from a prospective cohort of 450 patients

Dept of Hepatobiliary and General Surgery, Humanitas Univ,

Humanitas Hosp, Italy **Jacopo Galvanin**

April 18<sup>th</sup> (Thu.) 9 : 00-10 : 00 Room 7 (Osaka International Convention Center 10F 1009)

SF-020-8 CDX2 as a Prognostic Biomarker in Colon Cancer

[T]

Columbia Univ, USA **Junko Mukohyama**

April 18<sup>th</sup> (Thu.) 15 : 00-16 : 00 Room 7 (Osaka International Convention Center 10F 1009)

SF-024-1 Bilateral R1 vascular surgery in patients with multiple bilobar colorectal liver  
 [T] metastases : Challenging the formally unresectable disease

Div of Hepatobiliary & General Surgery, Humanitas Univ,

Humanitas Research Hosp-IRC, Italy **Matteo Maria Cimino**

SF-024-2 Prognostic factors change over time after hepatectomy for colorectal liver metastases : A  
 [T] multi-institutional, international analysis of 1099 Patients

Dept of Surgery, John L. Cameron Div of Pancreatic

and Hepatobiliary Surgery, Johns Hopkins Univ, USA **Georgios Antonios Margonis**

April 18<sup>th</sup> (Thu.) 13 : 00-14 : 00 Room 9 (Osaka International Convention Center 12F 1202)

SF-027-8 Laparoscopy-assisted total gastrectomy using two different types of endoscopic purse-  
 [T] string suture instrument

Dept of Surgery, Chonnam National Univ Medical School, Korea **Dong Yi Kim**

April 18<sup>th</sup> (Thu.) 16 : 00-17 : 03 Room 9 (Osaka International Convention Center 12F 1202)

SF-030-9 Prognostic parameters in gastric cancer

[G]

Dept of General, Visceral and Transplant Surgery,

Ludwig-Maximilians-Univ Munich, Germany **Petra Ganschow**

April 18<sup>th</sup> (Thu.) 16:00-17:00 Room 10 (Osaka International Convention Center 12F Grande Toque)

SF-035-8 Use of illuminated ureteric catheter in laparoscopic ureterolithotomy

■

MLB Medical College, India **Satendra Kumar**

April 18<sup>th</sup> (Thu.) 8:00-9:00 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)

SF-036-5 Synergistic antitumor effects of selective depletion of Foxp3+regulatory T cells combined

■

with local radiotherapy in murine malignant mesothelioma

Latner Thoracic Surgery Research Laboratories, Univ of Toronto, Canada **Mikihiro Kohno**

April 19<sup>th</sup> (Fri.) 13:10-14:10 Room 3 (Osaka International Convention Center 10F 1001)

SF-041-5 The role of the cardiac surgeon in the transcatheter era

■

Dept of Cardiothoracic Surgery, New York Univ School of Medicine, USA **Kazuhiro Hisamoto**

SF-041-8 Real world experience with the modified implantation technique of the perceval sutureless

■

aortic valve

Dept of Cardiac Surgery, Univ Clinic Oldenburg, Germany **Alexander Weymann**

April 19<sup>th</sup> (Fri.) 13:10-14:10 Room 6 (Osaka International Convention Center 10F 1008)

SF-049-1 Differentiation affects the amount and the content of exosomes released by colorectal

■

cancer stem cells

Dept of General Pathology, School of Medicine, Catholic Univ, Italy **Alessandro Sgambato**

April 19<sup>th</sup> (Fri.) 13:10-14:10 Room 9 (Osaka International Convention Center 12F 1202)

SF-055-8 Oxaliplatin in pressurized intraperitoneal aerosole chemotherapy (PIPAC) is safe and well

■

tolerated : A multicenter study

Dept of Surgical Oncology, Institute of Cancer Montpellier, France **Olivia Sgarbura**

April 19<sup>th</sup> (Fri.) 15:10-16:10 Room 10 (Osaka International Convention Center 12F Grande Toque)

SF-058-5 Status of fine needle aspiration cytology (FNAC) in evaluation of breast lump as a part of

■

triple assessment (TA) in poor resource setting

Dept of Endocrine Surgery, King George's Medical Univ, Lucknow, India **Kul Ranjan Singh**

April 19<sup>th</sup> (Fri.) 9:00-10:00 Room 11 (Rihga Royal Hotel Osaka 2F Diamond Room)

SF-061-1 Graft CEACAM1 is essential to autophagy induction and T-cell regulation in liver  
T transplantation : From mouse-to-human

Dept of Surgery, Liver Transplant, UCLA, USA Hirao Hirofumi

April 20<sup>th</sup> (Sat.) 15:10-16:10 Room 2 (Osaka International Convention Center 6F Sub Hall)

SF-062-1 Post cholecystectomy biliary injury, management at various stages of presentation  
T Dept of Surgical Gastroenterology, Apollo Hosp Bhubaneswar, India Hamza Wani

SF-062-2 Prospective comparison of systemic inflammatory responses in cholecystectomy by means  
T of access : Single-port umbilical incision, transvaginal notes, laparoscopy and laparotomy  
 access

Dept of Surgery, Div of Minimal Access Surgery,  
 All India Institute of Medical Science, Bihar, India Kaur Jaspreet

April 20<sup>th</sup> (Sat.) 14:10-15:10 Room 3 (Osaka International Convention Center 10F 1001)

SF-068-2 Lymph node ratio is an important prognostic factor in pancreatic adenocarcinoma after  
T resection followed by adjuvant therapy

Dept of Surgery, New York-Presbyterian/Queens Hosp, USA Takuya Ogami

April 20<sup>th</sup> (Sat.) 14:10-15:10 Room 4 (Osaka International Convention Center 10F 1002)

SF-075-8 How to start pediatric/adolescent bariatric surgery program ?—A report from a leading  
T hospital in the U.S.—

Dept of Pediatric Surgery, Nationwide Childrens Hosp, USA Keigo Yada

April 20<sup>th</sup> (Sat.) 14:10-15:10 Room 6 (Osaka International Convention Center 10F 1008)

SF-082-8 Role of serum galactomannan levels in chronic pulmonary aspergillosis  
T Dept of Surgery, King George's Medical Univ, India Suresh Kumar

April 20<sup>th</sup> (Sat.) 11:00-12:00 Room 9 (Osaka International Convention Center 12F 1202)

SF-093-5 Safe laparoscopic oncologic re-resection of incidentally discovered gallbladder cancer : An  
[T] inverse propensity score and a competitive risk analysis

Hosp Sotero del Rio, Puente Alto, Chile **Vega Eduardo Alberto**

April 20<sup>th</sup> (Sat.) 13:10-14:10 Room 9 (Osaka International Convention Center 12F 1202)

SF-094-1 Towards an all encompassing model of risk for hepatocellular carcinoma : A worldwide  
[T] modelling collaborative to validate and recalibrate halthcc amongst 16 centers

Dept of General Surgery Cleveland Clinic, USA **Kazunari Sasaki**

April 20<sup>th</sup> (Sat.) 15:10-16:10 Room 12 (Rihga Royal Hotel Osaka 3F Royal Hall)

SF-099-7 Impact of patient education on the surgical outcomes in patients undergoing colectomy  
[A] while being on an enhanced recovery after surgery (ERAS) pathway

Massachusetts General Hosp/Harvard Medical School, USA **Liliana Bordeianou**

April 20<sup>th</sup> (Sat.) 15:10-16:10 Room 13 (Rihga Royal Hotel Osaka 3F Korin 1)

SF-100-8 Significance of Neutrophil : Lymphocyte Ratio (NLR) & Platelet : Lymphocyte Ratio  
[T] (PLR) in Thyroid diseases

Dept of Endocrine Surgery, King George's Medical Univ, India **Sasi Mouli Vvhpk**