The 117th Annual Congress of Japan Surgical Society

Theme: Clinical Safety and Contemplation of Surgical Science

Congress President: Hiroyuki Kuwano
(Dept of General Surgical Science Graduate School of Medicine, Gunma Univ)

English Papers

1. Special Lecture
   April 27th (Thu.) 10:50–11:20  Room 1 (National Convention Hall 1F)
   Chairperson: JR Sapporo Hosp, Japan  Koichi Hirata

   SPL  Designing high-reliability surgical health care
        Children’s Hosp of Michigan, Wayne State Univ
        School of Medicine, Detroit, MI, USA  Paul Randall Barach

2. Honorary Member Award Lecture
   April 27th (Thu.) 14:20–15:00  Room 1 (National Convention Hall 1F)
   Chairperson: Dept of Surgery, Tokushima Univ, Japan  Mitsuo Shimada

   HL-1  Digestive surgery and the future of surgery
          Digestive Pathology, Institut Mutualiste Montsouris (IMM), France  Brice Gayet
          April 28th (Fri.) 8:50–9:30  Room 1 (National Convention Hall 1F)
          Chairperson: International Univ of Health and Welfare, Japan  Masaki Kitajima

   HL-2  Trust and communication in the life of a surgeon
          Dept of Surgery, Univ of Washington, Seattle WA, USA  Carlos A. Pellegrini

3. American College of Surgeons Presidential Lecture
   April 27th (Thu.) 15:00–15:30  Room 1 (National Convention Hall 1F)
   Chairperson: Dept of Surgery, The Jikei Univ School of Medicine, Japan  Katsuhiko Yanaga

   ACS  The American College of Surgeons enters its second century: Its role in quality and education
        Dept of Surgery, The Univ of Texas Medical Branch, USA  Courtney M. Townsend, Jr.
4. **German Society of Surgery Presidential Lecture**
   April 27th (Thu.) 15:30–16:00  Room 1 (National Convention Hall 1F)
   Chairperson: Joyo Ejiri Hosp, Japan  **Masayoshi Okada**

   GSS  Polytrauma care in Germany—An interdisciplinary surgical challenge
   Klinik für Unfall-, Hand- & Wiederherstellungschirurgie,
   Uniklinik Homburg, Germany  **Tim Pohlemann**

5. **Society of University Surgeons Presidential Lecture**
   April 28th (Fri.) 8:25–8:50  Room 1 (National Convention Hall 1F)
   Chairperson: Shimonoseki City Hosp, Japan  **Masao Tanaka**

   SUS  Reducing readmission: What strategies will work?
   Dept of Surgery, Univ of Wisconsin School of Medicine and
   Public Health, USA  **Sharon Marie Weber**

6. **British Journal of Surgery Society Presidential Lecture**
   April 27th (Thu.) 16:00–16:30  Room 1 (National Convention Hall 1F)
   Chairperson: Nagasaki City Hosp Organization, Japan  **Takashi Kanematsu**

   BJS  Training to be a clinician in the 21st century: The importance of clinical skills centres, and
   quality control
   Dept of Surgery, Skane Univ Hosp, Lund, Sweden  **Anders Olof Bergenfelz**

7. **The 4th JSS/GSS Topic Conference**
   **JG  Liver metastasis**
   April 28th (Fri.) 10:00–11:20  Room 10 (Conference Center 5F 501)
   Chairpersons:  Secretary General, German Society of Surgery, Germany  **Hans-J. Meyer**
   Dept of HBP Surgery, Artificial Organ and Transplantation,
   Tokyo Univ, Japan  **Norihiro Kokudo**

   JG-1  Surgical management of colorectal liver metastases—Individualized patient–tailored
   strategies
   Dept of General, Visceral and Cancer Surgery, Univ Hosp of Cologne,
   Germany  **Christiane J. Bruns**

   JG-2  ALPPS and two stage hepatectomy for colorectal liver metastases
   Univ Medical Center of the Johannes Gutenberg Univ, Dept of General,
   Visceral and Transplantation Surgery, D–Mainz, Germany  **Hauke Lang**

   JG-3  Associating liver partial partition and transileocecal portal vein embolization for staged
   hepatectomy
   HBP Surgery Div, Artificial Organ and Transplant Div,
   Dept of Surgery, Tokyo Univ, Japan  **Yoshihiro Sakamoto**
JG-4 Modified ALPPS procedures avoiding division of portal pedicles
Dept Surgery, Teikyo Univ Chiba Medical Center, Japan  Kuniya Tanaka

JG-5 Laparoscopic versus open liver resection for colorectal liver metastases with propensity score matching: A multi-institutional Japanese study
Dept of Surgery, Yamaga City Medical Center, Japan  Toru Beppu

8. Symposium
SY-1 State of the art colorectal surgery [International/Video]
April 27th (Thu.) 14:30–16:30  Room 2 (Conference Center 1F Main Hall)
Chairpersons: Coloproctology Center, Tokyo Yamate Medical Center, Japan  Rikisaburo Sahara
Dept Digestive and General Surgery, Saitama Medical Center,
Saitama Medical Univ, Japan  Hideyuki Ishida

SY-1-1 State of the art: Transanal total mesorectal excision (TaTME)
Dept of Gastrointestinal Surgery, Hosp Clinic, Barcelona, Spain  Antonio M. Lacy

SY-1-2 Knacks and pit falls in laparoscopic ISR and APR using TaTME technique
Dept of Surgery, Kyoto Univ, Japan  Koya Hida

SY-1-3 State-of-the-art surgical treatment for lower rectal cancer provided by robotic and transanal laparoscopic approach.
Dept of Surgery, Saga Univ, Japan  Akinari Nomura

SY-1-4 Sling rectopexy by modified Ripstein method for complete rectal prolapse, beyond the RCT with modified Wells method
Dept of Surgery, Kasai City Hosp, Japan  Tokihito Nishida

SY-1-5 Kono-S anastomosis for Crohn’s disease
Dept of Surgery, Fujita Health Univ, Japan  Hidetoshi Katsuno

SY-2 Multidisciplinary treatment for locally advanced esophageal cancer [International]
April 27th (Thu.) 8:00–10:00  Room 3 (Conference Center 3F 301+302)
Chairpersons: Dept Gastroenterological Surgery, Toranomon Hosp, Japan  Harushi Udagawa
First Dept of Surgery, Dokkyo Medical Univ, Japan  Hiroyuki Kato

SY-2-1 Neoadjuvant treatment is standard today in the treatment of locally advanced esophageal Ca
Univ Medical Center, Freiburg, Germany  Jörg Rüdiger Siewert

SY-2-2 International collaboration in oesophageal cancer management
Div of Thoracic Surgery, Dept of Surgical Oncology,
Tata Memorial Centre, India  C. S. Pramesh
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Author</th>
<th>Affiliation</th>
<th>Location</th>
<th>Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY-2-3</td>
<td>The proper indication of neoadjuvant chemotherapy and chemoradiotherapy for the patients with esophageal cancer</td>
<td>Yuichiro Nakashima</td>
<td>Dept of Surgery and Science, Kyushu Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-2-4</td>
<td>Triplet chemotherapy regimens followed by surgery for advanced esophageal carcinoma</td>
<td>Yoshihiro Tanaka</td>
<td>Dept of Surgical Oncology, Gifu Graduate School of Medicine, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-2-5</td>
<td>Optimal induction treatment based on analysis of prognostic factors for esophageal cancer invading adjacent organs</td>
<td>Tomoki Makino</td>
<td>Dept of Gastroenterological Surgery, Graduate School of Medicine, Osaka Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-2-6</td>
<td>Esophageal bypass surgery followed by definitive chemoradiotherapy can become an effective therapeutic strategy, improving the poor QOL of patients with locally advanced esophageal carcinoma</td>
<td>Yasuaki Nakajima</td>
<td>Dept Esophageal Surgery, Tokyo Med and Dent Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-3</td>
<td>Laparoscopic gastrectomy with D2 lymph nodes dissection—knack and pitfalls— [International/Video]</td>
<td>Masanori Terashima</td>
<td>Div of Gastric Surgery, Shizuoka Cancer Center, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chikara Kunisaki</td>
<td>Dept of Surgery, Gastroenterological Center, Yokohama City Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seigo Kitano</td>
<td>Special Speaker : Oita Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-3-1</td>
<td>How I do robot assisted gastrectomy for cancer</td>
<td>Han-Kwang Yang</td>
<td>Dept of Surgery, Seoul National Univ College of Medicine, Korea</td>
<td></td>
<td>Korean</td>
</tr>
<tr>
<td>SY-3-2</td>
<td>Crossover method for D2 dissection in suprapancreatic area under laparoscopic gastrectomy</td>
<td>Kazuhisa Ehara</td>
<td>Dept of Gastroenterological Surgery, Saitama Cancer Center, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-3-3</td>
<td>Standardization of laparoscopic D2 nodal dissection for advanced gastric cancer</td>
<td>Seiji Satoh</td>
<td>Dept of Surgery, Himeji Medical Center, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-3-4</td>
<td>Technical procedure for secure lymphadenectomy along the splenic artery in laparoscopic total gastrectomy</td>
<td>Eishi Nagai</td>
<td>Dept of Surgery and Oncology, Kyushu Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
<tr>
<td>SY-3-5</td>
<td>Knacks of the assistant operator in laparoscopic distal gastrectomy with D2 lymphadenectomy</td>
<td>Mikito Inokuchi</td>
<td>Dept of Gastrointestinal Surgery, Tokyo Medical and Dental Univ, Japan</td>
<td></td>
<td>Japanese</td>
</tr>
</tbody>
</table>
SY-3-6  Technical aspects of laparoscopic gastrectomy for advanced gastric cancer: Outermost layer-oriented D2 dissection
Cancer Center, School of Medicine, Keio Univ. Japan  Koichi Suda

SY-5  Current status and future perspectives on artificial heart therapy in Japan [International]
April 27th (Thu.) 8:00-10:00  Room 13 (Annex Hall 2F F201)
Chairpersons: Dept of Cardiovascular Surgery, Osaka Univ, Japan  Yoshiki Sawa
Dept of Cardiac Surgery, Tokyo Univ, Japan  Minoru Ono
Special Speaker: Tokyo Women’s Medical Univ, Japan  Hitoshi Koyanagi

SY-5-1  Improvement of left ventricular device therapy—Do we still need heart transplantation?
Dept of Cardiothoracic Surgery, Heart and Diabetes Center NRW, Germany  Jan Fritz Gummert

SY-5-2  Prediction of dominant VAD therapy era for severe heart failure in Japan
Dept of Cardiovascular Surgery, Graduate School of Medicine.
Nagoya Univ, Japan  Kazuro Fujimoto

SY-5-3  A lesson from 5-years experience with the implantable ventricular assist devices as bridge to transplant
Dept of Cardiovascular and Thoracic Surgery, Hokkaido Univ, Japan  Tomonori Ooka

SY-5-4  Current status and perspective of ventricular assist device in Japan—Expansion of indication for implantable ventricular assist device
Dept of Cardiovascular Surgery, Saitama Medical Univ
International Medical Center, Japan  Shoichi Irie

SY-5-5  Fourteen years experience of program for mechanical circulatory support in a single institute: Comprehensive review and future directions
Div of Cardiovascular Surgery, Tohoku Univ Hosp, Japan  Masatoshi Akiyama

SY-5-6  The future expectation of implantable left ventricular assist device
Dept of Cardiovascular Surgery, Kyushu Univ Hosp, Japan  Yoshihisa Tanoue

SY-5-7  Can we achieve excellent outcomes in DT as in LVAD-BTT?
Dept of Cardiovascular Surgery, Osaka Univ, Japan  Koichi Toda

SY-5-8  Recent advancement of ventricular assist device treatment in pediatric patients
Dept of Cardiac Surgery, The Univ of Tokyo, Japan  Minoru Ono
SY-6 Resection and reconstruction technique for advanced lung cancer invading trachea or bifurcation
[International/Video]
April 27th (Thu.) 14:30–16:30 Room 15 (Annex Hall 2F F203+ F204)
Chairpersons: Dept of Thoracic Surgery, Kyoto Univ, Japan Hiroshi Date
Dept of General Thoracic Surgery, Dokkyo Medical Univ, Japan Masayuki Chida

SY-6-1 Carinal resection
Div of Thoracic Surgery, Sapienza Univ of Rome, Sant’ Andrea Hosp, Italy
Lorillard, Spencer, Cenci Foundation, Italy Erino A. Rendina
Assistant Prof of Thoracic Surgery, Sapienza Univ, Roma Italy Claudio Andreotti

SY-6-2 Carinal pneumonectomy for lung cancer
Dept of Thoracic Surgery, Juntendo Univ, Japan Kenji Suzuki

SY-6-3 Sleeve pneumonectomy for primary lung cancer—Technique and long-term result—
Dept of General Thoracic Surgery, Breast and Pediatric Surgery,
Fukuoka Univ School of Medicine, Japan Takeshi Shiraishi

SY-6-4 Techniques and new ideas for tracheal and carinal resection
Dept of Surgical Oncology, Nagasaki Univ, Japan Keitaro Matsumoto

SY-6-5 The approach and reconstruction for tracheal and carinal tumor
Dept off General Thoracic Surgery, Univ of Tsukuba, Japan Yukio Sato

SY-6-6 Is distinction between montage and Miyamoto methods necessary?
Dept of General Thoracic Surgery, Dokkyo Medical Univ, Japan Masayuki Chida

SY-7 Precision medicine—bench to bedside— [International]
April 27th (Thu.) 08:00–10:00 Room 16 (Annex Hall 2F F205+ F206)
Chairpersons: Dept Breast Endocrine Surgery, Osaka Univ, Japan Shinzaburo Noguchi
Dept of Surgery, Kyushu Univ Beppu Hosp, Japan Koshi Mimori
Special Speaker: Dept of Molecular Pharmacology and Oncology, Gunma Univ, Japan Masahiko Nishiyama

SY-7-1 Integrated analysis of multidimensional genomic data on CALGB 40601 (Alliance), a randomized neoadjuvant phase III trial of weekly paclitaxel and trastuzumab with or without lapatinib for HER2-positive breast cancer
Lineberger Comprehensive Cancer Center, Univ of North Carolina, USA Maki Tanioka

SY-7-2 Significance of molecular subtypes and therapeutic resistance mechanisms in hepatobiliary-pancreatic malignancies for precision cancer medicine
Dept of Molecular Oncology, Tokyo Med Dent Univ, Japan Shinji Tanaka
SY-7-3 Precision medicine for intractable malignancies, such as esophageal cancer cases representatively
Dept of Surgery, Kyushu Univ Beppu Hosp, Japan Yohsuke Kuroda

SY-7-4 Clinical sequencing in 201 colorectal cancer patients for precision medicine in Japan
Div of Digestive and General Surgery, Niigata Univ, Japan Masayuki Nagahashi

SY-7-5 Associations between clinical outcomes and the expressions of deoxycytidine kinase and equilibrative nucleoside transporter in patients with pancreatic cancer
Dept Surgery, Tohoku Univ, Japan Hideo Ohtsuka

SY-7-6 Wnt5a expression is associated with high-grade malignancy in ER-positive breast cancer
Dept of Surgical Oncology, Hiroshima Univ, Japan Takayuki Kadoya

SY-9 Current status of living donor liver transplantation [International]
April 28th (Fri.) 15:30-17:30 Room 10 (Conference Center 5F 501)
Chairpersons: Dept of HBP Surgery, Artificial Organ and Transplantation,
Tokyo Univ, Japan Norihiro Kokudo
Dept of Surgery, HBP Surgery and Transplantation, Kyoto Univ, Japan Shinji Uemoto
Special Speaker: Dept of HBP Surgery, Kobe Univ, Japan Eisei Gu

SY-9-1 Perspectives of living donor liver transplantation for challenging cases
Hepato-Biliary Surgery and Liver Transplantation, Asan Medical Center,
Ulsan Univ College of Medicine, Seoul, Korea Sung-Gyu Lee

SY-9-2 Recent advance in living donor hepatectomy
Dept of Surgery, Seoul National Univ Hosp, Korea Kyung-Suk Suh

SY-9-3 Our recent innovations in living donor liver transplantation
Dept of Hepato-Biliary-Pancreatic and Transplant Surgery, Kyoto Univ, Japan Toshimi Kaido

SY-9-4 Left liver graft in adult-to-adult living donor liver transplantation
Artificial Organ and Transplantation Surgery Div.
Dept of Surgery, Tokyo Univ, Japan Nobuhisa Akamatsu

SY-9-5 Technical innovations and advancement of perioperative management in adult living donor liver transplantation: 20-year experience
Dept of Surgery and Science, Kyushu Univ, Japan Yuji Soejima

SY-9-6 Global perspectives on living donor liver transplantation and the role of Japan for the future
Dept of Surgery, Keio Univ, Japan Taizo Hibi
SY-11  Pediatric organ transplantation: current status and future perspective [International]
April 28th (Fri.) 8:00-10:00  Room 14 (Annex Hall 2F F202)
Chairpersons: Dept of Transplantation and Pediatric Surgery, Kumamoto Univ. Japan
Transplantation Center.
National Center for Child Health and Development, Japan  Yukihiro Inomata
Mureo Kasahara

SY-11-1  Trends in pediatric liver transplantation and related techniques: Towards a 100% graft survival?
Pediatric Surgery and Transplantation,
ISMETT (Mediterranean Institute for Transplantation and
Advanced Specialized Therapies).
UPMC (Univ of Pittsburgh Medical Center), Italy  Jean de Ville de Goyet

SY-11-2  Pediatric lung transplantation in Japan
Dept of Thoracic Surgery, Kyoto Univ. Japan  Hirosi Date

SY-11-3  The current status of pediatric heart failure and transplantation in Japan—Comparison
with the United States
Dept of Cardiac Surgery, Tokyo Univ. Japan  Yasutaka Hirata

SY-11-4  Pediatric liver transplantation in Japan: Current issues and perspectives
Organ Transplantation Center,
National Center for Child Health and Development, Japan  Seisuke Sakamoto

SY-11-5  Current status of kidney transplantation in children
Dept of Nephrology, Toho Univ. Japan  Seiichiro Shishido

SY-11-6  Current status and indication in children of pancreas transplantation in Japan
Dept of Organ Transplant Surgery, Fujita Health Univ. Japan  Takashi Kenmochi

SY-11-7  Current status of intestinal transplantation in Japan
Dept of Pediatric Surgery, Kyushu Univ. Japan  Toshiharu Matsuura

SY-11-8  Organ donation from pediatric donors in Japan
Japan Organ Transplant Network, Japan  Juntaro Ashikari

SY-11-9  Current status of pediatric organ transplantation in Japan
Dept of Surgery, Tokyo Women’s Medical Univ. Japan  Hiroto Egawa
SY-12  Breast surgery for getting the best result [International]
April 28th (Fri.) 8:00-10:00 Room 16 (Annex Hall 2F 205+ F 206)
Chairpersons: Dept of Breast and Endocrine Surgery, Kumamoto Univ, Japan
Dept of Breast Surgery, Mie Univ, Japan
Commentator: Dept of Plastic, Reconstructive, and Aesthetic Surgery, Fukuoka Univ, Japan
Hirotaka Iwase
Tomoko Ogawa
Hiroyuki Ohjimi

SY-12-1  Sentinel lymph node biopsy for breast cancer in the new era
Dept of Surgery, Seoul National Univ College of Medicine, Korea Wonshik Han

SY-12-2  Optimization of decision of the excision range using radiation treatment planning system and deformable image registration for breast conserving surgery after neoadjuvant chemotherapy
Chiba Kaihin Municipal Hosp, Japan Tetsutaro Miyoshi

SY-12-3  Impact of ultrasound image fusion technique for breast conserving surgery in patients who achieve a cCR after neoadjuvant chemotherapy
Div of Breast and Endocrine Surgery, Aichi Medical Univ, Japan Shogo Nakano

SY-12-4  Important points to achieve the best result in breast conserving surgery
Dept of Breast Surgery, Mie Univ, Japan Aya Noro

SY-12-5  Video-assisted breast surgery (VABS) excels in the treatment results and the postoperative aesthetic results.
Dept of Breast Surgery, Nippon Medical School, Japan Koji Yamashita

SY-12-6  Visualizing cancer cells for implementation of the best surgery for breast cancer cases
Dept of Surgery, Kyusyu Univ Beppu Hosp, Japan Miwa Noda

9. Panel Discussion
PD-2  Function-preserving surgery for upper digestive tract and its physiological assessment [International]
April 27th (Thu.) 8:00-10:00 Room 4 (Conference Center 3F 303+304)
Chairpersons: Gastro Surgery Cisision, National Cancer Center Hosp, Japan
Dept Digestive and General Surgery, Saitama Medical Univ International Medical Center, Japan
Special Speaker: Showa General Hosp, Japan
Hitoshi Katai
Erito Mochiki
Michio Kaminishi

PD-2-1  The role of vagus nerve in mediating GI motor function
Dept of Surgery, Medical College of Wisconsin, Milwaukee, USA Toku Takahashi

PD-2-2  Function preserving operations for esophageal cancer and evaluation of QOL
Dept of General Surgery, Kawasaki Medical School, Japan Chiharu Tamura
PD-2.3 The significance of laparoscopic assisted distal gastrectomy with preservation of the celiac branch of the vagus nerve to gastrointestinal function
Integrative Center of General Surgery, Gunma Univ Hosp, Japan  Akiharu Kimura

PD-2.4 Functional outcomes by reconstruction technique following laparoscopic proximal gastrectomy for gastric cancer
Dept of Surgery, Tokai Univ Hachioji Hosp, Japan  Eiji Nomura

PD-2.5 Efficiency of laparoscopic proximal gastrectomy double tract reconstruction
Dept of Surgery and Science, Kyushu Univ, Japan  Masahiko Sugiyama

PD-2.6 The transition and postoperative functional assessment of laparoscopic proximal gastrectomy
Dept of Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan  Kazuaki Tanabe

PD-2.7 The usefulness of function-preserving gastrectomy as to improve the QOL of postgastrectomy patients
Dept of Laboratory Medicine, The Jikei Univ School of Medicine, Daisan Hosp, Japan  Koji Nakada

PD-6 Reconsideration of neoadjuvant therapy for esophageal cancer [International]
April 28th (Fri.) 8:00–10:00  Room 3 (Conference Center 3F 301+302)
Chairpersons: National Cancer Center Hosp, Japan  Yuji Tachimori
Dept of Frontier Surgery, Chiba Univ, Japan  Hisahiro Matsubara
Special Speaker: International Goodwill Hosp, Japan  Nobutoshi Ando

PD-6.1 Neoadjuvant chemoradiotherapy for esophageal cancer
Dept of Surgery, Erasmus Univ MC, Rotterdam, the Netherlands  JJB Van Lanschot

PD-6.2 Induction DCF therapy followed by conversion surgery for locally advanced esophageal cancer
Dept of Gastroenterological Surgery, Tokai Univ, Japan  Junya Oguma

PD-6.3 Risk factors influencing early recurrence after esophagectomy following neoadjuvant chemotherapy for esophageal cancer
Dept of Gastroenterological Surgery, Cancer Institute Hosp, Japan  Takanori Kuroguchi

PD-6.4 Evaluation of radiation effect in neoadjuvant therapy to Stage III esophageal cancer
Div of Advanced Surgical Science and Technology, Tohoku Univ, Japan  Yusuke Taniyama

PD-6.5 What is the best neoadjuvant therapy for advanced esophageal cancer?—An analysis of neoadjuvant chemoradiotherapy for esophageal squamous cell carcinoma—
Dept of Frontier Surgery, Graduate School of Medicine, Chiba Univ, Japan  Kentaro Murakami
PD-6-6  Neoadjuvant chemoradiotherapy in patients with advanced esophageal carcinoma at Hiroshima University Hospital  
Dept of Surgical Oncology, Research Institute for Radiation Biology and Medicine Hiroshima Univ, Japan  Manabu Emi

PD-15  What is the best choice of the third conduit for CABG? [International]  
April 29th (Sat.) 14:00-16:00  Room 13 (Annex Hall 2F F201)  
Chairpersons: Dept of Thoracic, Cardiovascular and General Surgery, Kanazawa Univ, Japan Hirofumi Takemura  
Dept of Cardiovascular Surgery, Saitama Medical Univ International Medical Center, Japan Hiroshi Niinami

PD-15-1  The role of OPCABG in 2017  
Dept of Cardiac Surgery, John Radcliffe Hosp, Oxford, UK David Paul Taggart

PD-15-2  Optimal 3rd conduit to right coronary artery in bilateral internal thoracic artery grafting: Great saphenous vein versus gastroepiploic artery  
Dept of Cardiovascular Surgery, Kyoto Pref Univ Med, Japan Suguru Ohira

PD-15-3  Propensity score-matched analysis of gastroepiploic artery versus saphenous vein graft for right coronary system  
Dept of Cardiovascular Surgery, Sakakibara Heart Institute, Japan Kosaku Nishigawa

Dept of Cardiovascular Surgery, Tokyo Medical and Dental Univ, Japan Keiji Oi

PD-15-5  Third graft material should be tailored to each individuals’ coronary artery  
Dept of Cardiovascular Surgery, Saitama Medical Univ, International Medical Center, Japan Hiroyuki Nakajima

PD-15-6  The beneficial usage of SV graft in CABG due to the endothelial regeneration  
Dept of Cardiovascular Surgery, Japan Takayuki Okada

PD-15-7  2nd and 3rd graft selection in OPCAB based on ITA-LAD does not affect long-term outcome  
Fukushima Medical Univ, School of Medicine, Japan Shinya Takase
10. Workshop

**WS-2  Surgical strategy and liver regeneration for hepatectomy—bench to bedside—【International】**

April 27th (Thu.) 8:00–10:00  Room 10 (Conference Center 5F 501)
Chairpersons: Dept of Gastroenterological and Hepatobiliary Surgery, and Organ Transplantation, Tsukuba Univ, Japan  Nobuhiro Ohkohchi
Dept of HBP Surgery, Gunma Univ, Japan  Ken Shirabe

WS-2-1  Large-scale profiling of signaling pathways in murine liver tissue demonstrates a specific signature for ALPPS, a novel two-staged hepatectomy
Dept of Surgery and Transplantation, Univ Hosp Zurich, Switzerland  Pierre-Alain Clavien

WS-2-2  Functional roles and clinical impact of thrombospondin 1 in liver regeneration and atrophy
Dept of Surgery, Saiseikai Kumamoto Hosp, Japan  Hiromitsu Hayashi

WS-2-3  Pin1 degradation after extended hepatectomy inhibits NF-κappaB activation, augments liver injury, and suppresses liver regeneration after extended hepatectomy in mice
Dept General Surgery, Chiba Univ, Japan  Satoshi Kuboki

WS-2-4  Devices of both liver resection and postoperative management from the view point of shear stress theory—Bench to bedside—
General and Digestive Surgery, Showa Univ Fujigaoka Hosp, Japan  Yoshinobu Sato

WS-2-5  The study about liver regenerative factors after hepatectomy using metabolome analysis.
Dept of Surgery, Tokushima Univ, Japan  Yu Saito

WS-2-6  Investigation of the molecular mechanism of liver regeneration following portal vein branch ligation by the multi-omics approach
Dept of Surgery, Tohoku Univ, Japan  Yoshihiro Sato

WS-2-7  Portal vein ligation reduces the activity of natural killer cells in the liver
Dept of Gastroenterological and Transplant Surgery, Hiroshima Univ, Japan  Masahiro Ohira

WS-2-8  The impact of choledocho-jejunostomy on the liver regeneration process after major hepatectomy
Dept of Surgery, Nagoya Univ, Japan  Takehiro Takagi

**WS-3  Safety and feasibility in laparoscopic hepatobiliary–pancreatic surgery【International/Video】**

April 27th (Thu.) 14:30–16:30  Room 10 (Conference Center 5F 501)
Chairpersons: Dept of Gastroenterological Surgery, Toho Univ, Japan  Hironori Kaneko
Dept Surgery and Oncology, Kyushu Univ, Japan  Masafumi Nakamura

WS-3-1  Safety and feasibility in laparoscopic hepatobiliary and pancreatic surgery: Avoidance and management of intraoperative complications
Dept of Surgery, Mayo Clinic, Rochester, Minnesota, USA  Michael Leland Kendrick
WS-3-2  Effective retraction methods for safe and reliable resection in laparoscopic pancreaticoduodenectomy
Dept Surgery, Tokyo Medical Univ, Japan  Yuichi Nagakawa

WS-3-3  Creating a good team to perform reliable laparoscopic pancreatectomies
Dept of Gastrointestinal and Hepato–Biliary–Pancreatic Surgery,
Nippon Medical School, Japan  Yoshiharu Nakamura

WS-3-4  Preoperative 3-dimensional anatomical image analysis for laparoscopic distal pancreatcetomy
Dept of Surgery and Oncology, Kyushu Univ, Japan  Kohei Nakata

WS-3-5  Caudal approach with postural changes makes demanding LLR of posterior section safe and feasible
Dept of Surgery, Fujita Health Univ, Japan  Zenichi Morise

WS-3-6  Extrahepatic Glissonian approach in laparoscopic liver resection
Dept of Surgery, Tokyo Joto Hospital, Japan  Akihiro Cho

WS-3-7  The technical evolution for laparoscopic hepatectomy
Dept of Surgery and Science, Kyushu Univ, Japan  Shinji Itoh

WS-3-8  The pursuit of safety in laparoscopic hepatectomy
Dept of Digestive and Transplantation Surgery,
Tokyo Med Univ Hachioji Medical Center, Japan  Ozawa Yosuke

WS-3-9  Technical improvement to achieve safety of laparoscopic liver resection
Dept Surgery Kansai Rosai Hosp, Japan  Yutaka Takeda

WS-8  Significance of neoadjuvant therapy for locally advanced low rectal cancer【International】
April 28th (Fri.) 8:00–10:00  Room 2 (Conference Center 1F Main Hall)
Chairpersons：Dept of Gastroenterological Surgery,
Saitama Medical Univ International Medical Center, Japan  Shigeki Yamaguchi
Dept Colorectal Surgery, National Cancer Center Hosp East, Japan  Masaaki Ito
Special Speaker：Jichi Medical Univ, Japan  Fumio Konishi

WS-8-1  What operation should be performed after neoadjuvant chemoradiation for rectal cancer
Dept of Surgery, Univ of Texas Medical Branch, Galveston, Texas, USA  Douglas Scott Tyler

WS-8-2  Pelvic exenteration for advanced rectal cancer：significance of neoadjuvant therapies and aortoiliac nodal involvement
Institute of Academic Surgery at RPA & Univ of Sydney, Australia  Michael J. Solomon
WS-8-3 Preoperative chemoradiotherapy for advanced lower rectal cancer using SOX+Bev regimen.
Dept of Surgery. The Univ of Tokushima, Japan Jun Higashijima

WS-8-4 The optimized indication of neoadjuvant chemoradiotherapy and lateral lymph node dissection for eStage 2/3 rectal cancers
Dept of Surgery, Kyoto Univ, Japan Ryo Takahashi

WS-8-5 The optimal preoperative treatment for locally advanced rectal cancer near the anal canal
Dept of Colorectal Surgery, National Cancer Center Hosp East, Japan Yuichiro Tsukada

WS-8-6 Personalized treatment strategies for locally advanced rectal cancer with utilizing short course chemoradiotherapy
Dept of Surgery, Meiwah Hosp, Japan Naohito Beppu

WS-8-7 Outcomes of advanced low rectal cancer treated with preoperative chemoradiotherapy and future perspective
Dept of Gastroenterological Surgery, Cancer Institute Hosp, Japan Takashi Akiyoshi

WS-9 Neoadjuvant chemotherapy and conversion surgery for advanced gastric cancer [International]
April 28th (Fri.) 15:30–17:30 Room 4 (Conference Center 3F 303+304)
Chairpersons:
Dept of Gastroenterological Surgery, Nagoya Univ, Japan Yasuhiro Kodera
Univ of Texas M. D. Anderson Cancer Center, Houston, Texas, USA Jafferhusen A. Ajani
Special Speaker: Kyoto Medical Career Support Center, Japan Hisakazu Yamagishi

WS-9-1 Molecular and clinical landscapes of localized gastric adenocarcinoma
Univ of Texas M. D. Anderson Cancer Center, Houston, Texas, USA Jafferhusen A. Ajani

WS-9-2 Neoadjuvant chemotherapy for advanced gastric cancer
Gastric Surgery Div, National Cancer Center Hosp, Tokyo, Japan Takeo Fukagawa

WS-9-3 Phase I/II study of a combination of docetaxel, cisplatin and S-1 (DCS) as neoadjuvant chemotherapy in patients with stageIII gastric cancer.
Dept of Surgery, Gastroenterological Center, Yokohama City Univ, Japan Yusuke Izumisawa

WS-9-4 Conversion surgery for unresectable gastric cancer following complete response of distant metastasis by systemic chemotherapy
Nagoya Univ, Dept of Gastroenterological Surgery, Japan Daisuke Kobayashi

WS-9-5 Treatment strategy based on photodynamic staging laparoscopy in advanced gastric cancer
Dept of Surgery, Osaka Medical Center for Cancer and Cardiovascular Disease, Japan Yoshiyuki Fujiwara
WS-9-6 Conversion surgery for gastric cancer with peritoneal metastasis
Dept of Chemotherapy, The Univ of Tokyo, Japan Hironori Ishigami

11. Surgical Forum

Y: Young Investigator’s Award
T: Travel Grant
A: ACS Exchange Traveller
G: GSS Exchange Traveller

SF-01 Perioperative management•Nutrition • Elderly patients
April 27th (Thu.) 8:00–9:00 Room 5 (Conference Center 3F 313+314)

SF-01-6 Decreased risks of pneumonia and mortality after major surgery in older patients receiving preoperative influenza vaccination: A nationwide cohort study
School of Medicine, Taipei Medical Univ, Taiwan Liao Chien-Chang

SF-01-7 Cost effective model of post-surgical care using novel technology in developing country
Dept of Endocrine Surgery, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India Kushagra Gaurav

SF-02 Perioperative management•Management
April 27th (Thu.) 9:00–10:10 Room 5 (Conference Center 3F 313+314)

SF-02-1 Perioperative patient safety culture: Examining the effect of context on a bundled surgery improvement intervention
Dept of Surgery, Univ of California, San Francisco, San Francisco, CA, USA Elizabeth Collens Wick

SF-03 Stomach•Chemotherapy • Novel therapy
April 27th (Thu.) 14:30–15:30 Room 5 (Conference Center 3F 313+314)

SF-03-5 Recurrence pattern of gastric cancer in the era of preoperative therapy
Univ of Texas MD Anderson Cancer Center, USA Naruhiko Ikoma

SF-05 Stomach•Bariatric surgery • Nutrition
April 27th (Thu.) 16:30–17:30 Room 5 (Conference Center 3F 313+314)

SF-05-5 Outcome of laparoscopic sleeve gastrectomy in morbidly obese thai patients
Dept of Surgery, Faculty of Medicine, Thammasat Univ, Thailand Pakkavuth Chanswangphuvana
SF-08  Cardiac Surgery–Valvular disease
April 27th (Thu.) 14:30–15:30  Room 6 (Conference Center 4F 411+412)

SF-08-1  Surgery for infective endocarditis: Outcomes and predictors of mortality in 360 consecutive patients
Dept of Cardiac Surgery, Univ of Heidelberg,
Heart and Marfan Center, Germany  Alexander Weymann

SF-08-2  Two d echocardiographic evaluation of left ventricular diastolic dysfunction in rheumatic severe mitral stenosis undergoing beating heart closed mitral valvotomy (CMV)
Heart Surgery Centre, Dept of Cvts, King Georges Medical Univ, India  Rahul Kumar

SF-08-3  Long-term post-av surgery prognosis in patients with aortic valve insufficiency and valvular cardiomyopathy: Comparison of bicuspid vs. tricuspid morphotype
Dept of Cardiovascular Surgery, Univ Heart Center Hamburg, Germany  Shiko Naito

SF-16  Lung–Lung transplantation
April 27th (Thu.) 8:00–9:00  Room 8 (Conference Center 4F 418)

SF-16-1  Strategies of lung preservation after absence of circulation
Latner Thoracic Surgery Research Laboratories,
Toronto General Research Institute, Univ of Toronto, Canada  Yui Watanabe

SF-16-5  Low-dose photon irradiation induces invasiveness through the SDF-1α/CXCR4 pathway in malignant mesothelioma cells
Dept of Thoracic Surgery, Heidelberg Univ, Germany  Yoshikane Yamauchi

SF-17  Lung–Surgical treatment
April 27th (Thu.) 9:00–10:00  Room 8 (Conference Center 4F 418)

SF-17-1  A novel thoracoscopic localization technique of small pulmonary nodules at Toronto general hospital
Div of Thoracic Surgery, Toronto General Hosp, Canada  Hideki Ujiie
SF-19  Liver–Liver transplantation
April 27th (Thu.) 15:30–16:30  Room 8 (Conference Center 4F 418)

SF-19-8  An argument for expanding the criteria for simultaneous liver and kidney transplant: Pre-liver transplant glomerular filtration rate less than 30 ml/min for greater than 2 weeks has worse outcomes
Div of Transplant and Hepatobiliary Surgery, Henry Ford Hosp, USA  Shunji Nagai

SF-20  Liver–Liver functional reserve
April 27th (Thu.) 16:30–17:40  Room 8 (Conference Center 4F 418)

SF-20-1  Early remnant growth rate after portal vein embolization predicts posthepatectomy liver failure risk better than preoperative remnant volume
Dept of General, Visceral, Vascular and Pediatric Surgery,
Saarland Univ, Homburg, Germany  Maciej Malinowski

SF-21  Thyroid and Parathyroid
April 27th (Thu.) 8:00–9:00  Room 9 (Conference Center 4F 419)

SF-21-1  Transaxillary endoscopic thyroidectomy—A novel technique to avoid an ugly neck scar
Dept of Surgery, S H Medical Centre, India  Bibin P Mathew

SF-21-2  Incidence of malignancy in benign non toxic multinodular goiter in madras medical college chennai india
Dept of Endocrine Surgery, Madras Medical College, R.G.G.H,
TN DR MGR Medical Univ, India  Selladurai Periyasamy

SF-27  Pediatric surgery
April 27th (Thu.) 16:30–17:30  Room 14 (Annex Hall 2F F 202)

SF-27-2  Comparison of operative outcomes between surgical gastrostomy and percutaneous endoscopic gastrostomy in infants
Dept of Pediatric Surgery, Children’s Hosp Los Angeles, USA  Shin Miyata
SF-30  Stomach–LECS
April 28th (Fri.) 10:00-11:00  Room 5 (Conference Center 3F 313+314)

SF-30-8  Accuracy of boey scoring system in predicting postoperative morbidity and mortality in perforated peptic ulcer (PPU)
Dept of Surgery, Bir Hosp, NAMS, Nepal  Dhruba Narayan Sah

SF-39  Biliary tract–Pathology and Treatment
April 28th (Fri.) 10:00-11:00  Room 8 (Conference Center 4F 418)

SF-39-8  Gall bladder perforation—Is surgery the only end
Dept of General Surgery, T.N.M.C and B.Y.L. Ch. Hosp, India  Shazia S. Malik

SF-65  Liver–Hepatocellular carcinoma
April 29th (Sat.) 9:00-10:00  Room 8 (Conference Center 4F 418)

SF-65-7  Identification of keratin19-positive cancer stem cells associating human hepatocellular carcinoma using 18F-fluorodeoxyglucose positron emission tomography
Dept of Hepatobiliary Surgery and Liver Transplantation, Pitie-Salpetriere Hp, UPMC, France  Takayuki Kawai

SF-65-8  Hepatic resection for multinodular hepatocellular carcinoma: Introducing the up to 4 and 6 rule.
Dept of Hepatobiliary and General Surgery, Humanitas Univ, Humanitas Research Hosp, Italy  Matteo Donadon

SF-67  Liver–Basic medicine 2
April 29th (Sat.) 11:00-12:00  Room 8 (Conference Center 4F 418)

SF-67-6  3D tumoroid culture: A new post-operative method to evaluate the malignancy of hepatocellular carcinoma in vitro
Dept of Hepatobiliary Surgery, Peking Univ People’s Hosp, China  Yang Wang

SF-67-7  Assembly of liver grafts using human induced pluripotent stem cells for autologous liver transplantation
Dept of Pathology, School of Medicine, Univ of Pittsburgh, USA  Kazuki Takeishi

SF-67-8  TIMP–3 has an essential protective function playing a key role in apoptosis in hepatic IRI
Dept of Surgery, Univ of California, Los Angeles, USA  Takehiro Fujii
SF-69  Liver–Liver metastases of colorectal cancer
April 29th  (Sat.) 14:30–15:30  Room 8 (Conference Center 4F 418)

SF-69-8  The behavior of colorectal liver metastases in the time frame between the end of preoperative chemotherapy and liver resection. A new selection criterion for technically resectable patients.
Dept of Hepatobiliary & General Surgery, Humanitas Clinical & Research Center.
Humanitas Univ, Italy  Luca Vignano