

Educational Panel Discussion 2 **Credit**

June 13 (Sat.) 14:00～15:30 [Room 3]

How to reduce SSI in HBP surgery

Chairpersons: Yoshiyuki Nakajima (Department of Surgery, Nara Medical University, Nara, Japan)
: Yasushi Harihara (NTT Medical Center Tokyo, Tokyo, Japan)

EPD2-1 Study of our surgical site infection and Perioperative infectious disease control

Manabu Watanabe (Toho University Ohashi Medical Center, Department of Surgery)

EPD2-2 Prevention of surgical site infection after hepato-biliary-pancreatic surgery

Shoji Kubo (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University, Graduate School of Medicine, Osaka, Japan)

EPD2-3 Reconsideration of using anti-biotics based on the results of drug-sensitivity from academic surveillance study

Toru Mizuguchi (Department of Surgery, Division of Gastroenterological, Breast and Endocrine Surgery, Sapporo Medical University)

EPD2-4 Recent efforts to prevent surgical site infections after Hepato-Biliary-Pancreatic surgery

Hiroimitsu Takeyama (Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Aichi, Japan)

Symposium **Eng**

Symposium 1 **Eng**

June 11 (Thu.) 16:00～18:10 [Room 2]

Front line in open and endoscopic liver surgery

Chairpersons: Giulio Belli (General and HPB Surgery, Loreto Nuovo Hospital, Naples, Italy)
: Akinobu Taketomi (Department of Gastroenterological Surgery I, Hokkaido University, Sapporo, Japan)
Senior Speaker: Takashi Kanematsu (Nagasaki City Hospital Organization, Nagasaki, Japan)

SY1-1 Front Line of Laparoscopic Liver Resection

Ho-Seong Han (Department of Surgery, Seoul National University College of Medicine, Seoul National University Bundang Hospital, Korea)

SY1-2 Accuracy of 11C-acetate and 18F-FDG PET scan with contrast CT for HCC patients with cirrhosis – evaluation with liver transplant model in a single center

Tan To Cheung (The University of Hong Kong, Queen Mary Hospital, Hong Kong)

SY1-3 Our recent innovations in living donor liver transplantation

Toshimi Kaido (Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Department of Surgery, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

SY1-4 Novel techniques to reduce postoperative complications after liver surgery

Masaki Kaibori (Department of Surgery, Kansai Medical University)

SY1-5 Educational program for Fostering of Laparoscopic Liver Resection and Cross-sectional Endoscopic Surgery

Osamu Itano (Department of Surgery, Keio University School of Medicine, Tokyo, Japan)

SY1-6 Safe laparoscopic hepatectomy by maintaining a dry operative field

Goro Honda (Department of Surgery, Tokyo Metropolitan Komagome Hospital, Tokyo, Japan)

SY1-7 Aggressive surgery in the multimodal treatment for highly advanced hepatocellular carcinoma with major vascular invasion

Hiroshi Wada (Department of Surgery, Graduate School of Medicine, Osaka University, Osaka, Japan)

- SY1-8 A novel difficulty scoring system for laparoscopic liver resection**
Daisuke Ban (Department of Hepato-Biliary and Pancreatic Surgery, Tokyo Medical and Dental University)
- SY1-9 A New Technique of Intraoperative Identification of Biliary Drainage Areas in Remnant Liver in Perihilar Cholangiocarcinoma**
Takumi Fukumoto (Department of HPB Surgery, Kobe University, Kobe, Japan)

Symposium 2 Eng

June 12 (Fri.) 13:00 ~ 15:10 [Room 2]

Front line in open and endoscopic pancreatic surgery

Chairpersons: Akihiko Horiguchi (Department of General Surgery, Pancreatic Surgery, Fujita Health University, Aichi, Japan)

: Jin-Young Jang (Department of Surgery, Seoul National University College of Medicine, Seoul, Korea)

Senior Speaker: Katsuhiko Yanaga (Division of Digestive Surgery, Department of Surgery, The Jikei University, Tokyo, Japan)

- SY2-1 Optimal methods to reduce pancreatic fistula after distal pancreatectomy in the era of laparoscopic surgery from clinical trials**
Jin-Young Jang (Department of Surgery, Seoul National University College of Medicine, Seoul, Korea)
- SY2-2 Current status, and experience in Asan Medical Center for laparoscopic pancreatectomy**
Song Cheol Kim (Department of HBP Surgery, Asan Medical Center, Seoul, Korea)
- SY2-3 Toward safe and reliable laparoscopic pancreaticoduodenectomy: Reconsideration of an operative indication and the appropriate laparoscopic approach**
Yuichi Nagakawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan)
- SY2-4 Technical refinement for rational panceatoduodenectomy**
Masanori Sugiyama (Department of Surgery, Kyorin University)
- SY2-5 Reduction of morbidity after pancreaticoduodenectomy based on results of clinical trials**
Manabu Kawai (Second Department of Surgery, Wakayama Medical University)
- SY2-6 Tailored pancreatoduodenectomy with systematic mesopancreas dissection using an anterior artery-first approach**
Yosuke Inoue (Digestive and Hepato-Biliary-Pancreatic Surgery Division, The Cancer Institute Hospital)
- SY2-7 Combined arterial resection without reconstruction following preoperative arterial embolization for locally advanced pancreatic head cancer with arterial invasion**
Hideyuki Yoshitomi (Department of General Surgery, Chiba Univeristy, Chiba, Japan)
- SY2-8 Panceratectomy Using Minimally invasive Method about Laparoscopic and da Vinci S system In Our Experience**
Masahiro Ito (Department of Surgery, Fujita-health University, Toyoake, Japan)
- SY2-9 Laparoscopic distal pancreatectomy: Educating surgeons about advanced laparoscopic surgery**
Yoshiharu Nakamura (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Nippon Medical School, Tokyo, Japan)
- SY2-10 Laparoscopic distal pancreatectomy with splenectomy: A modified lasso technique**
Yota Kawasaki (Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University, Kagoshima, Japan)

Symposium 3 Eng

June 13 (Sat.) 9:50~11:40 [Room 2]

Front line in open and endoscopic biliary surgery

Chairpersons: Anil Kumar Agarwal (GB Pant Hospital & MAM College, New Delhi, India)

: Satoshi Hirano (Department of Gastroenterological Surgery II, Hokkaido University Graduate School
School of Medicine, Hokkaido, Japan)

Senior Speaker: Takashi Tajiri (Nippon Medical School, Tokyo, Japan)

SY3-1 Evaluation of ductal resection margin status and regional lymphadenectomy for extrahepatic cholangiocarcinoma

Toshifumi Wakai (Division of Digestive and General Surgery, Niigata University Graduate School of
Medical and Dental Sciences, Niigata, Japan)

SY3-2 Surgical techniques in the management of Gallbladder Cancer

Anil Kumar Agarwal (GB Pant Hospital & MAM College, New Delhi, India)

SY3-3 Usefulness of all-in-one 3D imaging for biliary malignancies

Kojiro Taura (Department of Surgery, Kyoto University, Kyoto, Japan)

SY3-4 Surgical treatment of 182 cases of perihilar cholangiocarcinoma

Akira Kobayashi (First Department of Surgery, Shinshu University, Matsumoto, Japan)

SY3-5 Surgical impact of concomitant arterial resection for perihilar cholangiocarcinoma

Takehiro Noji (Department of Gastroenterological Surgery II, Hokkaido University, Sapporo, Japan)

SY3-6 Recent advance in the treatment of locally advanced perihilar cholangiocarcinoma: Extended hepatectomy combined with portal vein and hepatic artery resection

Hiroaki Shimizu (Department of General Surgery, Graduate School of Medicine, Chiba University,
Chiba, Japan)

SY3-7 A limited role of laparoscopic procedure in resection for perihilar cholangiocarcinoma

Saiho Ko (Department of Surgery, Nara Prefecture General Medical Center, Nara, Japan)

SY3-8 Preoperative neutrophil-to-lymphocyte ratio for prognostication of patients with distal bile duct carcinomas undergoing surgery

Yukihiro Iso (Department of Gastroenterological Surgery, Dokkyo Medical University, Tochigi, Japan)

■ Debate Eng

Debate 1 Eng

June 11 (Thu.) 16:00~18:10 [Room 3]

Treatment strategy for multiple liver metastases from colorectal cancer

Chairpersons: Vijay P. Khatri (Department of Surgery, University of California, Davis, CA, USA)

: Keiji Sano (Department of Surgery, Teikyo University School of Medicine, Tokyo, Japan)

Senior Speaker: Motohide Shimazu (Department of Digestive and Transplantation Surgery, Tokyo Medical University
Hachioji Medical Center)

Keynote Lecture

Current paradigm for Multiple Colorectal liver metastases

Vijay P. Khatri (Department of Surgery, University of California, Davis, CA, USA)

DB1-1 Aggressive Surgery for Advanced Colorectal Liver Metastases in the era of a Multidisciplinary Approach

Yoshihiro Mise (The Cancer Institute Hospital, Tokyo, Japan)

- DB1-2 **Is it proper to restrict surgical indication for colorectal liver metastases by tumor number?**
Kiyoshi Hasegawa (Hepato-Biliary-Pancreatic Surgery Division, University of Tokyo, Tokyo, Japan)
- DB1-3 **Treatment strategy for synchronous bilobar colorectal liver metastases**
Hiroyuki Yoshidome (Department of Surgery, Japan Red Cross Saitama Hospital, Saitama, Japan)
- DB1-4 **Patients with multiple colorectal liver metastases is a good candidate for hepatic resection following preoperative chemotherapy**
Toru Beppu (Department of Gastroenterological Surgery, Kumamoto University, Kumamoto, Japan)
- DB1-5 **Liver resection for multiple bilobar colorectal cancer metastases in the era of effective chemotherapy**
Kuniya Tanaka (Department of Surgery, Teikyo University Chiba Medical Center, Chiba, Japan)
- DB1-6 **Unresolved problem in multidisciplinary approach for synchronous liver metastases from colorectal cancer**
Etsuro Hatano (Department of Surgery, Graduate School of Medicine, Kyoto University, Kyoto, Japan)
- DB1-7 **How many colorectal liver metastases can be effectively treated by combining hepatectomy with microwave coagulo-necrotic therapy?**
Yoshiyuki Wada (Department of Hepato-Biliary Pancreatic Surgery, National Hospital Organization Kyushu Medical Center)

Debate 2 Eng

June 12 (Fri.) 13:00 ~ 15:40 [Room 3]

Treatment strategy for advanced biliary cancer

Chairpersons: Kenichi Hakamada (Department of Gastroenterological Surgery, Hirosaki University, Hirosaki, Japan)

: Hong-Jin Kim (Department of HBP Surgery, Yeungnam University Hospital, Korea)

Senior Speaker: Hiroshi Shimada (Harue Hospital, Fukui, Japan)

- DB2-1 **Debate in the management of advanced bile duct cancer**
Sun-Whe Kim (Seoul National University Hospital, Seoul, Korea)
- DB2-2 **Surgical strategy for biliary malignancy**
Miin-Fu Chen (Department of General Surgery, Chang Gung Memorial Hospital / Chang Gung University, Taipei, Taiwan)
- DB2-3 **Chemoradiation for Resectable Biliary Tract Cancer followed by Surgery**
Shogo Kobayashi (Department of Surgery, Osaka Medical Center for Cancer and Cardiovascular Diseases)
- DB2-4 **Multidisciplinary Therapy for Advanced Biliary Tract Cancer**
Akira Tomokuni (Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Suita, Japan)
- DB2-5 **Treatment strategy for locally advanced perihilar cholangiocarcinoma using gemcitabine and S1-based chemotherapy with or without radiotherapy followed by surgery**
Naohisa Kuriyama (Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Mie, Japan)
- DB2-6 **Usefulness of the neoadjuvant chemotherapy for advanced biliary tract cancer**
Yohei Ota (Department of Gastroenterological Surgery, Yokohama City University Graduate School of Medicine)
- DB2-7 **Three challenges, left hepatic trisectionectomy, simultaneous resection and reconstruction of hepatic artery, and additional resection for cancer positive proximal and distal ductal margin for advanced perihilar cholangiocarcinoma**
Minoru Esaki (Hepatobiliary and Pancreatic Surgery Division, National Cancer Center Hospital, Tokyo, Japan)

- DB2-8 **A new multidisciplinary approach for initially unresectable locally advanced biliary tract cancer**
Atsushi Kato (Department of General Surgery, Chiba University, Chiba, Japan)
- DB2-9 **Optimal indication of hepato-pancreatoduodenectomy for biliary cancer**
Yoshihiro Sakamoto (Hepato-Biliary-Pancreatic Surgery Division, The Tokyo University Hospital)
- DB2-10 **Clinical characteristics of patients with R1 resection because of invasive spreading in biliary tract in extrahepatic cholangiocarcinoma**
Hirohisa Okabe (Department of Gastroenterological Surgery, Graduate School of Life Sciences, Kumamoto University)
- DB2-11 **The treatment strategy for intra-and extra-hepatic biliary cancer considering the prognostic factor**
Kentaro Yasuchika (Department of Hepatobiliary-Pancreatic Surgery and Transplantation, Kyoto University, Kyoto, Japan)

Debate 3 Eng

June 13 (Sat.) 9:50 ~ 11:30 [Room 3]

Future aspect of robotic surgery in HBP

Chairpersons: Makoto Hashizume (Department of Advanced Medical Initiatives, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

: Chung Ngai Tang (Pamela Youde Nethersole Eastern Hospital, Hong Kong, China)

Senior Speaker: Koichi Hirata (Department of Surgery, Surgical Oncology and Science, Sapporo Medical University, Hokkaido, Japan)

- DB3-1 **Challenges of Robotic Liver Surgery**
Chung Ngai Tang (Pamela Youde Nethersole Eastern Hospital, Hong Kong, China)
- DB3-2 **Future of Robotic HBP Surgery**
Woo Jung Lee (Department of HBP Surgery, Yonsei University College of Medicine Pancreaticobiliary Cancer Clinic, Yonsei Cancer Center, Severance Hospital, Seoul, Korea)
- DB3-3 **Current status and future perspectives of robotic liver resection based on Fujita experience with 45 cases**
Yutaro Kato (Department of Hepatobiliary and Transplant Surgery, Fujita Health University, Toyoake, Aichi, Japan)
- DB3-4 **Current status and future perspectives of robotic HBP surgery**
Kenichi Hakamada (Department of Gastroenterological Surgery, Hirosaki University, Aomori, Japan)
- DB3-5 **Future aspect of Robotic surgery in HBP**
Patrick Pessaux (Hepatobiliary and Pancreatic Surgical Unit, IHU-Strasbourg, Institute for Minimally-Invasive Image-Guided Hybrid Surgery, Strasbourg, France)
- DB3-6 **Efficacy of robot-assisted liver surgery using interventional magnetic resonance imaging**
Shigeyuki Naka (Department of Surgery, Shiga University of Medical Science)

■ Video Symposium

Video Symposium 1

June 11 (Thu.) 16:00 ~ 18:10 [Room 4]

What is the best technique for pancreato-jejunostomy

Chairpersons: Eiji Uchida (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Nippon Medical School, Tokyo, Japan)

: Yoshiaki Murakami (Department of Surgery, Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan)

Senior Speaker: Toshihide Imaizumi (Hachioji Digestive Disease Hospital, Tokyo, Japan)

- VS1-1 The concept of Kakita's Method in pancreaticojejunostomy**
Yusuke Kumamoto (Department of Surgery, Kitasato University, Kanagawa, Japan)
- VS1-2 The improved pancreatojejuno anastomosis technique after pancreaticoduodenectomy in our institute. -towards the reliable and stable anastomosis**
Tadashi Yokoyama (Department of Surgery, Tama-Nagayama Hospital, Nippon Medical School, Tokyo, Japan)
- VS1-3 Which is the best combination anastomosis, PWST + whole circumference interrupted suture or PWST+ modified Kakita method?**
Yoshinori Azumi (Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Mie, Japan)
- VS1-4 Pancreatojejunosomy: Compression of the pancreatic stump for prevention of pancreatic fistula**
Takehito Otsubo (Department of Surgery, St. Marianna University School of Medicine)
- VS1-5 Our approach to reduce the postoperative complications after pancreaticoduodenectomy**
Satoshi Matsumura (Department of Hepato-Biliary-Pancreatic Surgery, Graduate School of Medicine, Tokyo Medical and Dental University, Tokyo, Japan)
- VS1-6 Modified Blumgart anastomosis plus alpha method reduces postoperative pancreatic fistula and complication**
Toru Kojima (Department of Surgery, Okayama Saiseikai General Hospital, Okayama, Japan)
- VS1-7 Duct-to-mucosa Pancreaticogastrostomy after pancreaticoduodenectomy**
Kenichiro Uemura (Department of Surgery, Hiroshima University, Hiroshima, Japan)
- VS1-8 Development and evaluation of new pancreaticogastrostomy pursuing the safety and universal use**
Kosei Maemura (Department of Digestive Surgery, Kagoshima University, Kagoshima, Japan)
- VS1-9 Pancreatojejunosomy for reducing the pancreatic fistula after pancreaticoduodenectomy - invagination technique in the case of soft pancreas**
Yasuhiro Shimizu (Department of Gastroenterological Surgery, Aichi Cancer Center Hospital)
- VS1-10 Pancreatojejunosomy using a technique of invagination (end-to-side) anastomosis without stenting**
Ikuo Watanobe (Department of General Surgery, Juntendo University Nerima Hospital, Tokyo, Japan)
- VS1-11 Reconstruction by binding method and separated loop method after pancreaticoduodenectomy**
Satoshi Matsui (Multidisciplinary Therapy for Hepato-Biliary-Pancreatic Cancer, Gifu University School of Medicine, Gifu, Japan)

Video Symposium 2

June 12 (Fri.) 13:00 ~ 15:30 [Room 4]

Progress of surgical devices in liver resection

Chairpersons: Toru Beppu (Department of Gastroenterological Surgery, Kumamoto University, Kumamoto, Japan)

: Shoji Kubo (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University, Graduate school of Medicine, Osaka, Japan)

Senior Speaker: Morito Monden (The Cancer Institute Hospital of JFCR, Tokyo, Japan)

VSY2-1 Progress of the hemostasis device in the totally endoscopic hepatectomy -usefulness of the tip spherical Monopolar soft-coagulation device-

Mitsuo Miyazawa (Department of Surgery, Saitama Medical University International Medical Center, Saitama, Japan)

VSY2-2 The efficacy of vessel sealer for hepatectomy

Yorihisa Sumida (Department of Digestive Surgery, Sasebo City General Hospital)

VSY2-3 Appropriate usage of energy devices for steady liver resection

Masaki Ueno (Second Department of Surgery, Wakayama Medical University, Wakayama, Japan)

VSY2-4 Innovations and results of the surgical techniques in live donor hepatectomy

Shigeru Marubashi (Department of Surgery, Osaka University Graduate School of Medicine, Suita, Japan)

VSY2-5 Technical innovation to perform hepatectomy at Kobe University

Hisoka Kinoshita (Department of Surgery, Kobe University, Kobe, Japan)

VSY2-6 Advantage and disadvantage of soft coagulation, bipolar and stapler jaws in hepatic resection

Hidetoshi Nitta (Department of Gastroenterological Surgery, Kumamoto University, Kumamoto, Japan)

VSY2-7 Deserving of Monopolar Soft Coagulation in Liver Resection

Shogo Tanaka (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University, Osaka, Japan)

VSY2-8 Experience of 100 cases of laparoscopic hepatectomy using Habib4X

Tomokazu Kusano (Department of Gastroenterological and General Surgery, Showa Umin, Tokyo, Japan)

VSY2-9 Useful techniques of energy devices for safety laparoscopic hepatectomy

Masafumi Yasunaga (Department of Surgery, Kurume University, Fukuoka, Japan)

VSY2-10 Our Methods in the Laparoscopic Hepatectomy

Yoshiaki Ohmura (Department of Surgery, Kansai Rosai Hospital, Amagasaki, Hyogo, Japan)

VSY2-11 Examination of the safety and usefulness of Auto irrigation Bipolar and Endo-Quick Suture to introduce the techniques of microsurgery in liver resection

Tetsuo Ikeda (Center for Integration of Advanced Medicine, Life Science and Innovative Technology, Kyushu Univ., Fukuoka, Japan)

VSY2-12 Selection and Considerations of liver transection devices for laparoscopic liver resection

Toshio Katagiri (Division of General and Gastroenterological Surgery, Department of Surgery, Toho University, Faculty of Medicine)

Video Symposium 3

June 12 (Fri.) 13:00 ~ 14:50 [Room 6]

Neo-futuristic HBP surgery brought by image navigation 1

Chairpersons: Kazuhisa Uchiyama (Department of General and Gastroenterological Surgery, Osaka Medical College, Osaka, Japan)

: Toshio Nakagohri (Department of Gastroenterological Surgery, Tokai University, Isehara, Japan)

Senior Speaker: Ken Takasaki (Ushiku Aiwa General Hospital, Ibaraki, Japan)

- VS3-1 New anatomical hepatic resection using a hepatectomy simulation system**
Seikan Hai (Department of Surgery, Hyogo College of Medicine)
- VS3-2 Estimation of Resected Liver Regions Using a Tumor 100 % Domination Ratio and 2-dimensional plane**
Mitsugi Shimoda (Second Department of Surgery, Dokkyo Medical University)
- VS3-3 Laparoscopic hepatectomy by using computer rendering 3D image considering the impact of liver deformation**
Yuta Abe (Department of Surgery, Keio University School of Medicine)
- VS3-4 The technical development of image-guided operation using 3D-CT technology for safety hepatectomy**
Ryusei Matsuyama (Department of Surgery, Yokohama City University, Yokohama, Japan)
- VS3-5 Augmented reality based navigation for liver resection loaded in a tablet terminal**
Shouichi Satou (Department of Hepato-Biliary-Pancreatic Surgery, Saitama Medical Center, Saitama Medical University, Saitama, Japan)
- VS3-6 Effort of intraoperative 3D navigation system for hepatectomy**
Kosuke Matsui (Department of Surgery, Kansai Medical University, Osaka, Japan)
- VS3-7 Development of liver surgical simulation and navigation system based on the biomedical engineering and medical image analysis**
Tetsuo Ikeda (Department of Advanced Medical Engineering Profession, Kyushu University Hospital, Fukuoka, Japan)
- VS3-8 Computer aided surgery and a novel liver surgery emulator combined with real-time deformation**
Yukio Oshiro (Department of Surgery, University of Tsukuba, Japan)
- VS3-9 A New elastic liver model with emulator function and the future**
Koichiro Sakata (Department of Surgery, JCHO Shimonoseki Medical Center)

Video Symposium 4

June 12 (Fri.) 14:50 ~ 16:40 [Room 6]

Neo-futuristic HBP surgery brought by image navigation 2

Chairpersons: Shinichi Miyakawa (First Department of Surgery, Shinsyu University School of Medicine)

: Kazuaki Shimada (National Cancer Center Hospital, Hepato Pancreatic and Biliary Division)

- VS4-1 Advance in intraoperative ultrasonography and the determinant for preoperative liver volume simulation**
Atsushi Kudo (Department of Hepatobiliary Pancreatic Surgery, Tokyo Medical and Dental University)
- VS4-2 Intraoperative navigation in liver resection under Real-time echo guide: The current state and the near future**
Yasuhiro Morita (Department of Surgery, Tokyo Metropolitan Tama Medical Center, Tokyo, Japan)

- VS4-3 Laparoscopic liver resection with a novel image guided surgery**
Takeshi Aoki (Department of Gastroenterological & General Surgery)
- VS4-4 Creation of new surgical field direct projection mapping device which enables real-time navigation using a near-infrared fluorescent**
Takashi Nitta (Department of Hepatobiliary-Pancreatic Surgery and Transplantation, Kyoto University)
- VS4-5 Fluorescence-guided HPB surgery enabled by application of laparoscopic imaging techniques to open surgery**
Takeaki Ishizawa (Cancer Institute Hospital, Japanese Foundation for Cancer Research)
- VS4-6 Major hepatectomy applying 3D imaging support and its remodeling by 3D printing technology**
Atsushi Nanashima (Department of Surgical Oncology, Nagasaki, Japan)
- VS4-7 3D holographic projection on Bio-Texture organ modeling by augmented tangibility navigation for HPB surgical simulation**
Maki Sugimoto (Gastroenterology, Kobe University, Kobe, Japan)
- VS4-8 Virtual navigation for laparoscopic hepatectomy and 3D model navigation for open hepatectomy**
Tsuyoshi Igami (Division of Surgical Oncology, Department of Surgery, Nagoya University Graduate School of Medicine)
- VS4-9 Adomial CT-Angiography with vasodilator -Visualization of small pancreatic artery-**
Takefumi Niguma (Department of Surgery, Okayama Saiseikai General Hospital)
- VS4-10 Study of three-dimensional surgical simulation and novel surgical navigation system in pancreatic surgery**
Ryoichi Miyamoto (Department of Surgery, Division of Gastroenterological and Hepatobiliary Surgery, and Organ Transplantation, University of Tsukuba)

■ Panel Discussion

Panel Discussion 1

June 11 (Thu.) 16:00 ~ 18:05 [Room 5]

Treatment for neoplasms in ampulla of Vater

Chairpersons: Kazuhiro Tsukada (Department of Surgery and Science, Toyama University, Toyama, Japan)

: Yoshinori Igarashi (Department of Surgery, Toho University Omori Medical Center, Tokyo, Japan)

Senior Speaker: Masaaki Oka (Yamaguchi University)

- PD1-1 Treatment strategy of Ampullary carcinoma**
Yasunari Kawabata (Department of Digestive and General Surgery, Shimane University, Shimane, Japan)
- PD1-2 Prognostic factor for ampullary cancer after surgical resection**
Shintaro Yagi (Department of Hepatobiliary Pancreas and Transplant Surgery)
- PD1-3 Prognostic factors for ampullary carcinoma: analysis of 65 cases resected by pancreatoduodenectomy**
Takanori Ochiai (Department of Hepato-Biliary-Pancreatic Surgery, Tokyo Medical and Dental University, Tokyo, Japan)
- PD1-4 Surgical results of ampullary tumor and indication of limited resection**
Daisuke Suzuki (Department of General Surgery, Chiba University, Chiba, Japan)
- PD1-5 Factors Predicting Survival and Pathological Subtype in Patients with Ampullary Adenocarcinoma**
Keiichi Okano (Departments of Gastroenterological Surgery, Kagawa University)

- PD1-6 **Clinical plan of tumors of duodenal papilla**
Hirofumi Shimoda (Department of Surgery, Keio University School of Medicine, Tokyo, Japan)
- PD1-7 **Indication of Local excision of the Ampulla of Vater and Endoscopic Papillectomy for tumor of the Ampulla of Vater**
Mie Hamano (Department of Hepato-Biliary-Pancreatic Surgery, Tokyo Women's Yachiyo Medical Center, Chiba-ken, Japan)
- PD1-8 **The clinicopathological study of resected ampullary carcinoma**
Junkichi Koinuma (Department of Gastroenterological Surgery 2, Hokkaido University Graduate School of Medicine, Hokkaido, Japan)
- PD1-9 **Surgical Treatment and Prognostic Analysis of Carcinoma of the Ampulla of Vater**
Hiroto Ishikawa (Department of Surgery, Kurume University, Fukuoka, Japan)
- PD1-10 **Endoscopic snare papillectomy**
Naoki Okano (Division of Gastroenterology and Hepatology, Department of Internal Medicine, Toho University Omori Medical Center)

Panel Discussion 2

June 12 (Fri.) 13:00 ~ 15:20 [Room 5]

Treatment strategy for cystic neoplasms of pancreas

Chairpersons: Shuji Isaji (Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Mie, Japan)
: Akihiko Tsuchida (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan)

Senior Speaker: Wataru Kimura (Department of Gastroenterological, General, Breast & Thyroid Surgery Yamagata University Faculty of Medicine, Yamagata Japan)

- PD2-1 **Treatment strategy for intraductal papillary mucinous neoplasm of the pancreas**
Takao Ohtsuka (Department of Surgery and Oncology, Kyushu University)
- PD2-2 **Operative indication of the patients with IPMN according to worrisome features according to International consensus guidelines 2012 for the management of IPMN and MCN of the Pancreas**
Yukiyasu Okamura (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center Hospital, Shizuoka, Japan)
- PD2-3 **Indication of resection and selection of surgical procedure for Intraductal papillary mucinous neoplasm**
Ryo Nishiyama (Department of Surgery, Kitasato University School of Medicine, Kanagawa, Japan)
- PD2-4 **Evaluation of international consensus guidelines of IPMN**
Suguru Yamada (Nagoya University Graduate School of Medicine, Gastroenterological Surgery)
- PD2-5 **Risk factors of postoperative recurrence of IPMN**
Seiko Hirono (Second Department of Surgery, Wakayama Medical University)
- PD2-6 **Intraductal Papillary Mucinous Neoplasms of the Pancreas: Malignant Progression during Observation**
Yasushi Hashimoto (Department of Gastrointestinal Surgery, Hiroshima University Hospital, Hiroshima, Japan)
- PD2-7 **The therapeutic strategy of pancreatic IPMN in non-High risk stigmata group**
Yuichiro Kato (Division of Hepatobiliary Pancreatic Surgery, National Cancer Center Hospital East, Chiba, Japan)
- PD2-8 **Genetic analysis for malignant transformation in IPMN**
Kazuya Yasui (Department of Hepato-Biliary-Pancreatic Surgery, Okayama University, Okayama, Japan)

PD2-9 Laparoscopic surgery for pancreatic cystic neoplasms
Akira Katsuno (Department of Surgery, Nippon Medical School)

PD2-10 The clinical indication of limited surgery for IPMNs based on International Consensus Guidelines 2012
Kenjiro Kimura (Department of Surgical Oncology, Osaka, Japan)

Panel Discussion 3 Eng

June 13 (Sat.) 9:50 ~ 11:35 [Room 5]

Current status and controversy in liver transplantation

Chairpersons: Shinji Uemoto (Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Graduate School of Medicine, Kyoto University, Kyoto, Japan)

: Kyung-Suk Suh (Seoul National University Hospital, Seoul, Korea)

Senior Speaker: Yukihiro Inomata (Department of Pediatric Surgery and Transplantation, Kumamoto University, Kumamoto, Japan)

Keynote Lecture Hepatocellular carcinoma patients who radiologically meet but pathologically exceed the Milan criteria are susceptible to recurrence after living-donor liver transplantation
Hideki Ohdan (Department of Gastroenterological and Transplant Surgery, Hiroshima University, Hiroshima, Japan)

PD3-1 Laparoscopic Live Donor Hepatectomy
Ki-Hun Kim (Division of Hepatobiliary Surgery and Liver Transplantation, Department of Surgery, University of Ulsan College of Medicine and Asan Medical Center, Seoul, Korea)

PD3-2 How far can we go in LDLT for HCC?
Kwang-Woong Lee (Seoul National University Hospital, Seoul, Korea)

PD3-3 Controversies in liver transplantation: Opinions based on the experiences at the University of Tokyo Hospital
Nobuhisa Akamatsu (Hepato, Biliary, Pancreatic Surgery Division, Artificial Organ and Transplantation Division, Department of Surgery, The University of Tokyo Hospital)

PD3-4 Current status for the registration of DDLT at Kobe University
Kaori Kuramitsu (Hepato-biliary and Pancreatic Surgery, Kobe University, Kobe, Japan)

PD3-5 Living donor liver transplantation for hepatocellular carcinoma: The role of pretransplant down-staging and bridge therapy and the validity of expanding the Milan criteria
Taizo Hibi (Department of Surgery, Keio University School of Medicine)

PD3-6 Current strategy and outcome of ABO-incompatible living donor liver transplantation: A single center experience in Nagasaki University
Mitsuhisa Takatsuki (Department of Surgery, Nagasaki University, Nagasaki, Japan)

PD3-7 Our strategy to improve safety of donor operation and quality of postoperative status of donor in living donor liver transplantation
Yasuhiro Fujimoto (Division of HPB Surgery and Transplantation, Dept. of Surgery, Kyoto University Hospital, Kyoto, Japan)

PD3-8 Optimizing Outcomes in Living Donor Liver Transplantation
Tomoharu Yoshizumi (Department of Surgery and Science, Kyushu University)

■ Workshop

Workshop 1

June 11 (Thu.) 16:00 ~ 18:00 [Room 6]

Procedures and outcome of distal pancreatectomy

Chairpersons: Masanori Sugiyama (Department of Surgery, Kyorin University, Tokyo, Japan)

: Yasuyuki Suzuki (Department of Gastroenterological Surgery, Kagawa University, Kagawa, Japan)

- WS1-1 **Stump closure by hand-sewn technique decreases pancreatic fistula after distal pancreatectomy**
Takehiro Okabayashi (Department of Gastroenterological Surgery)
- WS1-2 **Pancreaticogastrostomy following distal pancreatectomy prevents pancreatic fistula-related complications**
Hiroaki Yanagimoto (Department of Surgery, Kansai Medical University, Osaka, Japan)
- WS1-3 **Prediction and prevention the pancreatic fistula after the distal pancreatectomy**
Shinjiro Kobayashi (Division of Gastroenterological and General Surgery, St. Marianna University School of Medicine)
- WS1-4 **New method for the prevention of postoperative pancreatic fistula after distal pancreatectomy**
Hiroki Ueda (Department of Hepato-Biliary-Pancreatic Surgery, Tokyo Medecial and Dental University, Tokyo, Japan)
- WS1-5 **Our procedure and postoperative outcome of distal pancreatectomy**
Yatsuka Sahara (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University)
- WS1-6 **Pancreatic resection on distal pancreatectomy; problem and significance of stapler closure and panctreatojejunostomy on distal pancreatectomy with/without celiac axis resection**
Atsushi Shimizu (Second Department of Surgery, Wakayama Medical University)
- WS1-7 **Distal pancreatectomy with en bloc celiac axis resection for locally advanced pancreatic body cancer**
Eiji Tamoto (Department of Gastroenterological Surgery II, Division of Surgery, Hokkaido University Graduate School of Medicine, Sapporo, Japan)
- WS1-8 **Distance between tumor and SPA affects recurrence type after distal pancreatectomy**
Toshihiko Masui (Department of Surgery, Kyoto University, Kyoto, Japan)
- WS1-9 **Left Kidney Mobilization Technique in Distal Pancreatectomy - Radical Dissection for Adenocarcinoma of the Body and Tail of the Pancreas**
Masaru Matsumura (Department of Gastroenterological Surgery, Cancer Institute Hospital, Tokyo, Japan)
- WS1-10 **Therapeutic efficacy of neoadjuvant therapy for cancer of the pancreatic body and tail**
Shuichi Aoki (Department of Surgery, Tohoku University Graduate School of Medicine)
- WS1-11 **The surgical outcomes of laparoscopic distal pancreatectomy**
Akira Matsushita (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Nippon Medical School, Tokyo, Japan)
- WS1-12 **Short-term outcome of laparoscopic spleen-preserving distal pancreatectomy with splenic vessel resection (Warshaw technique)**
Daisuke Yamada (Steel Memorial YAWATA Hospital)

Workshop 2 (Sponsored by Johnson & Johnson K.K.)

June 11 (Thu.) 16:00 ~ 17:50 [Room 10]

Ideal and reality in management of abdominal drainage in HBP surgery

Chairpersons: Shigeki Arii (Japan Labour Health and Welfare Organization, Shizuoka, Japan)
: Hideki Fujii (First Department of Surgery, University of Yamanashi, Yamanashi, Japan)

- WS2-1 **Outcome of disuse of routine prophylactic drain after hepatectomy**
Junzo Shimizu (Department of Surgery, Osaka Rosai Hospital)
- WS2-2 **Safety and efficacy of hepatic resection without abdominal drainage**
Seidai Wada (Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Kyoto University, Graduate School of Medicine)
- WS2-3 **Is abdominal drainage necessary after elective hepatectomy? results from our institute**
Tomoki Ryu (Division of Hepato-Biliary-Pancreatic Surgery, Kyushu Medical Center, Fukuoka, Japan)
- WS2-4 **The trial for no abdominal drainage method after hepatectomy**
Nobuhiko Taniai (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Nippon Medical School)
- WS2-5 **The management of abdominal drainage after hepatic resection**
Yoshihiro Inoue (Department of IGeneral and Gastroenterological Surgery, Osaka Medical College Hospital, Osaka, Japan)
- WS2-6 **Drainage after hepatectomy for hepatocellular carcinoma**
Akira Shimizu (Department of Surgery, Shinshu University, Matsumoto, Japan)
- WS2-7 **Is the surgical drain after hepatectomy necessary? -The study from risk factors of postoperative bile leakage-**
Toshihiko Yoshida (Kobe University Graduate School of Medicine Hepato-Biliary-Pancreatic Surgery)
- WS2-8 **Current Status of Management in Peritoneal Drainage and SSI After Pancreatoduodenectomy**
Takashi Orii (Department of Surgery, Showa Inan General Hospital, Komagane, Japan)
- WS2-9 **Results on the management of drainage tubes after pancreaticoduodenectomies: a comparison of two institutions' procedures**
Taku Aoki (Second Department of Surgery, Dokkyo Medical University, Tochigi, Japan)
- WS2-10 **Our current management of drainage in pancreatectomy, focused on monitoring of culture of drainage fluid**
Isamu Makino (Department of Gastroenterologic Surgery, Kanazawa University, Kanazawa, Japan)
- WS2-11 **Pursuit of adequate management of drain after pancreaticoduodenectomy**
Hiroshi Kurahara (Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University, Kagoshima, Japan)
- WS2-12 **Aggressive drainage and management of Grade 3 postoperative pancreatic fistula following pancreatic resection**
Shingo Kagawa (Department of General Surgery, Chiba University, Chiba, Japan)

Workshop 3

June 12 (Fri.) 13:00 ~ 15:20 [Room 10]

Treatment strategy for intrahepatic cholangiocarcinoma

Chairpersons: Tomoo Kosuge (Gastrointestinal Surgery Division, JR Tokyo General Hospital)
: Shuichi Miyakawa (Toyota Regional Medical Center, Aichi, Japan)

- WS3-1** Patterns of lymph node metastases and the role of lymph node dissection in intrahepatic cholangiocarcinoma
Yusuke Fujita (Department of Surgery, Keio University School of Medicine, Tokyo, Japan)
- WS3-2** Impact of lymph node dissection with bile duct resection for intrahepatic cholangiocarcinoma
Kunihiro Masuda (Division of integrated Surgery and Oncology, Department of Surgery, Tohoku University, Graduate School of Medicine, Miyagi, Japan)
- WS3-3** Surgical treatment for intrahepatic cholangiocarcinoma
Tadafumi Asaoka (Department of Surgery, Osaka University)
- WS3-4** Surgical Outcome and Treatment Strategy in intrahepatic cholangiocarcinoma
Hiroshi Sakai (Department of Surgery, Shinshu University, Matsumoto, Japan)
- WS3-5** The effects of lymphadenectomy and resection of recurrent sites in patients with intrahepatic cholangiocarcinoma
Junichi Arita (Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and Transplantation Division, University of Tokyo, Tokyo, Japan)
- WS3-6** Therapeutic strategy for intrahepatic cholangiocarcinoma
Masayuki Ohtsuka (Department of General Surgery, Graduate School of Medicine, Chiba University, Chiba, Japan)
- WS3-7** Lymph node dissection for intrahepatic cholangiocarcinoma
Kunihito Gotoh (Department of Surgery, Osaka Medical Center for Cancer and Cardiovascular Disease)
- WS3-8** Treatment strategy and surgical outcome in intrahepatic cholangiocarcinoma
Hideaki Sueoka (Department of Surgery, Hepato-Biliary-Pancreas Surgery)
- WS3-9** Has outcome following surgical resection for intrahepatic cholangiocarcinoma been improved?; An analysis of 21 years in single institution
Tomoaki Yoh (Division of Hepato-Pancreato-Biliary and Transplant Surgery, Department of Surgery, Graduate School of Medicine, Kyoto University, Japan)
- WS3-10** Examination of postoperative recurrence pattern for hepatitis virus related intrahepatic cholangiocarcinoma
Hiroya Iida (Osaka Hepatic Surgery Study Group, Department of Surgery, Kansai Medical University, Osaka, Japan)
- WS3-11** Treatment strategy for intrahepatic cholangiocarcinoma with lymph node metastasis
Shunichi Ariizumi (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University)

Workshop 4

June 13 (Sat.) 9:50~11:40 [Room 4]

Reduced port surgery in HBP

Chairpersons: Taizo Kimura (Fujinomiya City General Hospital, Shizuoka, Japan)

: Jun-ichi Tanaka (Showa University Fujigaoka Hospital, General Gastroenterological, Surgery, Kanagawa, Japan)

WS4-1 Induction of reduced port laparoscopic surgery in splenectomy

Takeyuki Misawa (Department of Surgery, Jikei University Kashiwa Hospital, Chiba, Japan)

WS4-2 Reduced port surgery for hepatobiliary pancreatic diseases

Hidehisa Yamada (Department of Surgery, Sapporo Medical Center, NTT East Corporation)

WS4-3 Surgical techniques of reduced port surgery of liver and pancreatic resection

Daisuke Ban (Department of Hepatobiliary and Pancreatic Surgery, Tokyo Medical and Dental University, Tokyo, Japan)

WS4-4 Regulations and Reduced port surgery of our laparoscopic hepatectomy

Masato Yoshioka (Department of Surgery, Nippon Medical School, Tokyo, Japan)

WS4-5 Reduced port laparoscopic choledocholithotomy which QOL is comparable to laparoscopic cholecystectomy

Akiko Umezawa (Minimally Invasive Surgery Center, Yotsuya Medical Cube, Tokyo, Japan)

WS4-6 Reduced port surgery for Common bile Duct Stone

Tadashi Yoshida (Department of Surgery, Chikugo City Hospital, Chikugo, Fukuoka, Japan)

WS4-7 Reduced Port Surgery of Laparoscopic cholecytectomy, our methods of transumbilical single-incision laparoscopic cholecystectomy

Yasuhito Shimizu (Department of Surgery, Chiba Municipal Aoba Hospital, Chiba, Japan)

WS4-8 Reduced Port Laparoscopic Cholecystectomy: Techniques and Results

Nobumi Tagaya (Department of Surgery, Dokkyo Medical University Koshigaya Hospital)

WS4-9 Impact of Single Port Staging Laparoscopy of Patients with Potentially Resectable Pancreatic Cancer

Mitsuhiro Asakuma (Department of General and Gastroenterological Surgery)

WS4-10 Laparoscopic distal pancreatectomy by SILS plus one port

Naoki Kamitani (Department of Surgery, Nara Prefectural General Medical Center)

WS4-11 Single-incision laparoscopic distal pancreatectomy: our initial experience

Tamotsu Kuroki (Department of Surgery, Nagasaki University, Nagasaki, Japan)

Workshop 5

June 13 (Sat.) 9:50~11:20 [Room 6]

Treatment strategy for border line resectable pancreatic cancer

Chairpersons: Wataru Kimura (First Department of Surgery, Yamagata University Faculty of Medicine, Yamagata, Japan)

: Katsuhiko Uesaka (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center, Shizuoka, Japan)

WS5-1 Definition and surgical outcome of borderline resectable pancreatic cancer

Toshio Nakagohri (Department of Gastroenterological Surgery, Tokai University, Isehara, Japan)

WS5-2 Clinical significance of neoadjuvant chemotherapy for borderline resectable pancreatic cancer

Shigetsugu Takano (Department of General Surgery, Chiba University, Chiba, Japan)

- WS5-3 **Neoadjuvant and adjuvant chemotherapy for patients with borderline resectable pancreatic cancer**
Yoshiaki Murakami (Department of Surgery, Institute of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan)
- WS5-4 **Clinical efficacy of neoadjuvant therapy for patients with borderline resectable pancreatic cancer**
Sohei Satoi (Department of Surgery, Kansai Medical University, Japan)
- WS5-5 **Optimal Indication of Neoadjuvant Treatment against Borderline Resectable Pancreatic Cancer**
Takahiro Akahori (Department of Surgery, Nara Medical University, Nara, Japan)
- WS5-6 **Preoperative gemcitabine-based chemoradiation therapy for borderline resectable pancreatic cancer**
Hidenori Takahashi (Department of Surgery, Osaka Medical Center for Cancer and Cardiovascular Diseases)
- WS5-7 **Neoadjuvant gemcitabine, S-1, and intensity-modulated radiotherapy (IMRT) in patients with borderline pancreatic adenocarcinoma**
Yuichi Nagakawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Tokyo, Japan)
- WS5-8 **Neoadjuvant chemo-radiation therapy using intensity-modulated radiotherapy for patients with borderline resectable pancreatic cancer**
Masaki Mizumoto (Department of Hepatobiliary Pancreatic Surgery and Transplantation, Kyoto University, Kyoto, Japan)
- WS5-9 **Chemoradiotherapy followed by surgery for borderline resectable PDAC according to vessel factor**
Masashi Kishiwada (Department of Hepatobiliary Pancreatic & Transplant Surgery, Mie University, Tsu, Japan)
- WS5-10 **Surgical Strategy for Patients with R1 high risk pancreatic carcinoma**
Ken-ichi Okada (Second Department of Surgery, Wakayama Medical University, Japan)
- WS5-11 **Is splenic vein reconstruction necessary after resection of spleno-portal junction for borderline pancreatic head cancer ?**
Akio Saiura (Department of Gastroenterological Surgery, Cancer Institute Hospital, Tokyo, Japan)

■ Mini Symposium

Mini Symposium 1

June 12 (Fri.) 15:20 ~ 16:35 [Room 5]

Front line in open and endoscopic liver surgery

Chairpersons: Zenichi Morise (Department of Surgery, Fujita Health University School of Medicine Banbuntane Houtokukai Hospital)

: Toshiya Kamiyama (Gastroenterological Surgery I, Hokkaido University)

MSY1-1 Glissonian pedicle-oriented anatomic liver resection

Yutaro Kato (Department of Hepatobiliary and Transplant Surgery, Fujita Health University)

MSY1-2 Front line in open and endoscopic liver surgery-perspective strategy and technique

Toru Mizuguchi (Department of Surgical Oncology and Science)