

■ 33rd JSHBPS Meeting Presidential Address

June 2 (Wed.) 14:00-14:30 [Room 1 (1003)]

Innovation by experts of Hepato-Biliary Pancreatic surgery for life sciences

Moderator Hiroaki Kinoshita (Osaka City University)

MPA Innovation by experts of Hepato-Biliary Pancreatic surgery for life sciences

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

■ JSHBPS Presidential Address

On Demand

Towards further development of JSHBPS

Moderator Masakazu Yamamoto (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University)

JPA Towards further development of JSHBPS

Itaru Endo (Department of Gastroenterological Surgery)

■ Overseas Honorary Members Commendation

June 3 (Thu.) 18:00-18:20 [Room 1 (1003)]

Moderator Itaru Endo (Department of Gastroenterological Surgery, Yokohama City University)

OHM Overcoming Challenges in Living Donor Liver Transplantation

Chao-Long Chen (Kaohsiung Chang Gung Memorial Hospital, Taiwan)

■ JSHBPS Oversea Observership Report

June 3 (Thu.) 9:40-10:10 [Room 1 (1003)]

Moderator Susumu Eguchi (Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences)

OOOR-1 Motokazu Sugimoto (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East, Kashiwa, Japan)

OOOR-2 Minako Nagai (Department of Surgery, Nara Medical University)

OOOR-3S Tadahiro Takada (Founding President, Japanese Society of Hepato-Biliary-Pancreatic Surgery / Emeritus Professor, Teikyo University School of Medicine)

Special Comment

■ Special Session

Special Session 1

June 2 (Wed.) 12:40-13:40 [Room 1 (1003)]

Revision on biliary tract cancer in WHO Digestive System Tumors

Moderator Keiichi Kubota (Surgery2, Dokkyo Medical University Hospital)

SS1 Revision of Biliary Tract Carcinoma of 5th WHO Tumour Classification of Digestive System
Yasuni Nakanuma (Department of Diagnostic Pathology, Fukui Saiseikai Hospital, Fukui)

Special Session 2

June 3 (Thu.) 13:00-13:40 [Room 1 (1003)]

Robot-assisted surgery in HBP field

Moderator Masahiro Yoshida (Dialysis Center, Department of Surgery, IUHW Ichikawa Hospital)

SS2 Revo-i Pancreaticoduodenectomy: recent updated
Chang Moo Kang (Division of HBP Surgery, Department of Surgery, Yonsei University College of Medicine, Korea)

■ Plenary Session

June 3 (Thu.) 10:30-11:30 [Room 1 (1003)]

Moderators Yasutsugu Takada (Department of HBP and Breast Surgery, Ehime University)
Minoru Tanabe (Department of Hepato-Biliary Pancreatic Surgery, Tokyo Medical and Dental University)

PL-1 Interleukin-8 produced from cancer-associated fibroblasts plays a suppression role for biliary tract cancer proliferation
Ryota Tanaka (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan)

PL-2 Development of artificial portal vein using bioabsorbable polymers
Junpei Takashima (Department of Surgery, Teikyo University School of Medicine, Mizonokuchi Hospital)

PL-3 Endoplasmic reticulum stress response deficiency is a major cause of poor liver regeneration after hepatectomy in nonalcoholic steatohepatitis
Katsuki Miyazaki (Department of Surgery, Tokushima University)

PL-4C Ken Shirabe (Division of Hepato-Biliary-Pancreatic Surgery, Department of General Surgical Science, Gunma University, Maebashi, Japan)
Commentator

■ Debate

Debate 1

June 2 (Wed.) 12:40-13:40 [Room 2 (1001)]

Hepatic resection: Laparoscopic vs Robotic Surgery

Moderator Go Wakabayashi (Ageo Central General Hospital Center for Advanced HBP Diseases)

- D1-1 Technical refinement and current status of laparoscopic liver resection
Yuichiro Otsuka (Division of General and Gastroenterological Surgery (Omori), Department of Surgery, Toho University Faculty of Medicine)
- D1-2 Minimally invasive hepatectomy laparoscopic vs robotic approach
Tan To Cheung (Division of Hepatobiliary and Pancreatic Surgery within the Department of Surgery, Queen Mary Hospital, the University of Hong Kong, China)

Debate 2

June 2 (Wed.) 12:40-13:40 [Room 3 (1002)]

Pancreaticoduodenectomy: MIPD (robot and laparoscopic) vs conventional PD

Moderator Hiroki Yamaue (Second Department of Surgery, Wakayama Medical University School of Medicine)

- D2-1 Pros and Cons of Minimally Invasive Pancreatic Surgery
Masafumi Nakamura (Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University)
- D2-2 Open pancreatoduodenectomy for periampullary carcinoma
Junji Yamamoto (Ibaraki Prefectural Central Hospital)

Debate 3

June 2 (Wed.) 12:40-13:40 [Room 4 (1008)]

Treatment for multiple intrahepatic HCC: Resection vs Transplantation

Moderator Akinobu Taketomi (Department of Gastroenterological Surgery 1, Hokkaido University Graduate School)

- D3-1 Surgical Strategy for Transplantable Multiple Hepatocellular Carcinoma Developed in Non-severely Damaged Liver
Takeshi Takamoto (Division of Hepato-Biliary-Pancreatic Surgery, National Cancer Center Hospital)
- D3-2 Liver Transplantation for Intrahepatic Multiple HCC
Ki-Hun Kim (Division of Hepatobiliary Surgery and Liver transplantation, Department of Surgery, Asan Medical Center, Ulsan University, Seoul, Korea)

■ Promising Symposium

June 3 (Thu.) 13:40-14:50 [Room 1 (1003)]

Robot-assisted surgery in HBP field

Moderators Yuutarou Kato (Department of Surgery, Fujita Health University)
Keinosuke Ishido (Department of Gastroenterological Surgery and Pediatric Surgery, Hirosaki University Graduate School Medicine)

- PSY-1 What to expect from robot-assisted distal pancreatectomy
Keinosuke Ishido (Department of Gastroenterological Surgery and Pediatric Surgery, Hirosaki University Graduate School Medicine)
- PSY-2 Robotic Pancreatoduodenectomy with Pancreatico-jejunostomy using modified Blumgart technique
Vaibhav Kumar Varshney (Surgical Gastroenterology, All India Institute of Medical Sciences, Jodhpur)
- PSY-3 Early experience with robot-assisted pancreaticoduodenectomy
Kohei Nakata (Department of Surgery and Oncology, Kyushu University, Fukuoka, Japan)
- PSY-4 Surgical Procedures of Robotic Pancreaticoduodenectomy at Ageo Central General Hospital
Kohei Mishima (Department of Surgery, Ageo Central General Hospital, Saitama, Japan)
- PSY-5 Novel strategy for robotic pancreaticoduodenectomy -Semi-derotation technique and Kiguchi method-
Gozo Kiguchi (Department of Surgery, Fujita Health University, Aichi, Japan)
- PSY-6 Robotic liver resection: a trend toward advanced procedures and comparison with laparoscopic approach in anatomic resection
Yutarou Kato (Department of Surgery, Fujita Health University, Aichi, Japan)

■ Symposium

Symposium 1

June 2 (Wed.) 9:20-11:10 [Room 1 (1003)]

HBP surgery for elderly patients

Moderators Masaki Kaibori (Department of Hepatic Surgery, Kansai Medical University Hospital)
Yuji Soejima (Department of Surgery, Shinshu University)

- SY1-1 The Points of hepato-biliary pancreatic surgery considering the characteristics of the elderly
Tatsuo Araida (Department of gastrointestinal Surgery, Tokyo Women`s Medical University Yachiyo Medical Center)
- SY1-2 Perioperative geriatric assessment as a predictor of long-term outcomes in elderly patients with hepatocellular carcinoma undergoing hepatectomy
Masaki Kaibori (Department of Surgery, Kansai Medical University, Osaka, Japan)
- SY1-3 Liver Resection for Elderly Patients With Colorectal Liver Metastases: Prognostic Impact for Oligometastases
Takeshi Takamoto (National Cancer Center Hospital)

- SY1-4 Surgical indication and oncological benefit of surgery for perihilar cholangiocarcinoma in octogenarians
Koya Yasukawa (Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery, Department of Surgery, Shinshu University School of Medicine, Matsumoto, Japan)
- SY1-5 Development of Nomogram to Predict Postoperative Loss of Independence Following Liver Resection in Older Adults: A Prospective Multicenter Study with Bootstrap Analysis
Shogo Tanaka (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan)
- SY1-6 Clinical outcomes of octogenarians undergoing pancreaticoduodenectomy for pancreatic ductal adenocarcinoma
Motokazu Sugimoto (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East)
- SY1-7 Survival benefit of surgery for very elderly patients with pancreatic cancer
Seiji Natsume (Gastroenterological Surgery, Aichi Cancer Center Hospital)
- SY1-8 A study of elderly patients with resected pancreatic cancer in the era of perioperative therapy
Hideki Takami (Department of Gastroenterological Surgery, Nagoya University, Nagoya, Japan)
- SY1-9 Validity of surgery for patients with pancreatic cancer aged 80 years or older stratified by resectability status
Naru Kondo (Department of Surgery, Hiroshima University, Hiroshima, Japan)
- SY1-10 Elderly Patients is a Strongly Benefit for Laparoscopic Pancreaticoduodenectomy
Yiping Mou (Hepato-Biliary and Pancreas Department, Zhejiang Provincial Peoples Hospital, Zhejiang University School of Medicine)
- SY1-11 Impact of osteosarcopenia on outcomes in elderly patients after pancreaticoduodenectomy
Takeshi Gocho (Department of Surgery, Jikei University School of Medicine)
- SY1-12 Octogenarian and skeletal muscle loss predict S-1 adjuvant chemotherapy completion and are associated with prognosis after pancreatic resection
Mariko Tsukagoshi (2 Division of Hepatobiliary and Pancreatic Surgery, Department of General Surgical Science, Gunma University, Gunma, Japan / Department of Innovative Cancer Immunotherapy, Gunma University, Gunma, Japan)

Symposium 2

June 3 (Thu.) 9:40-11:30 [Room 2 (1001)]

Indication of laparoscopic surgery for pancreatic cancer

Moderators Tsutomu Fujii (Gastroenterological, Tumor and General Surgery, University of Toyama, Faculty of Medicine)

Manabu Kawai (Second Department of Surgery, Wakayama Medical University School Medicine)

- SY2-1 Safety Indication of laparoscopic and robotic surgery for pancreatic cancer
Jae Hoon Lee (Department of Hepatobiliary & Pancreas Surgery, Asan Medical Center, Korea)
- SY2-2 How should we determine the indications for laparoscopic and robotic surgery for pancreatic cancer?
Yuichi Nagakawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University)
- SY2-3 Knack and pitfall for difficult laparoscopic distal pancreatectomy (LDP) for pancreatic cancer
Takao Ohtsuka (Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University, Kagoshima, Japan)
- SY2-4 Surgical outcome of laparoscopic surgery for pancreas cancer
Tomohiko Adachi (Department of Surgery, Nagasaki University)

- SY2-5 Laparoscopic resection for pancreatic cancer: left-posterior approach in distal pancreatectomy and initial experience in pancreatoduodenectomy
Kazuyuki Nagai (Department of HBP Surgery and Transplantation, Kyoto University, Kyoto, Japan)
- SY2-6 Laparoscopic distal pancreatectomy after neoadjuvant chemoradiotherapy for resectable pancreatic cancer
Kenji Nakagawa (Department of Surgery, Nara Medical University, Nara, Japan)
- SY2-7 Our procedure to reduce invasiveness and postoperative complications in laparoscopic distal pancreatectomy for pancreatic cancer
Shingo Seo (Department of Surgery, Hiroshima University, Hiroshima, Japan)
- SY2-8 The surgical, oncologic and long-term outcomes of laparoscopic distal pancreatectomy for pancreatic cancer
Akira Matsushita (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Nippon Medical School)
- SY2-9 Feasibility of laparoscopic radical antegrade modular pancreatosplenectomy for pancreatic ductal adenocarcinoma
Hiroki Sato (Kumamoto University Hospital Gastroenterological Surgery)

Symposium 3

June 3 (Thu.) 9:40-11:10 [Room 3 (1002)]

Long-term outcomes after surgical treatment for pancreaticobiliary maljunction / congenital biliary dilatation

Moderators Akihiko Tsuchida (Tokyo Medical University, Faculty of Medicine)
Yasuhiro Shimizu (Department of Gastroenterology, Aichi Cancer Center Hospital)

- SY3-1 Short- and long-term outcomes after surgical treatment of pancreaticobiliary maljunction: JSPBM nationwide survey data
Yuji Morine (Department of Surgery, Tokushima University)
- SY3-2 Long-term postoperative outcomes of pancreaticobiliary maljunction with or without congenital biliary dilatation
Akihiko Ichida (Hepato-Biliary-Pancreatic Surgery Division, Department of Surgery, Graduate School of Medicine, The University of Tokyo, Tokyo, Japan)
- SY3-3 Incidence and treatment of postoperative long-term complications in adult pancreaticobiliary maljunctions
Hideo Ohtsuka (Department of Surgery, Tohoku University, Sendai, Japan)
- SY3-4 Benign biliary stricture with hepatolithiasis after extrahepatic bile duct resection for congenital biliary dilatation
Takanori Konishi (Department of General Surgery, Chiba University Graduate School of Medicine, Chiba, Japan)
- SY3-5 Surveillance strategy using endoscopy after surgical treatment with choledochoduodenostomy for pancreaticobiliary maljunction
Yutaka Takigawa (Department of Surgery, Tokyo Dental College Ichikawa General Hospital, Ichikawa, Japan)
- SY3-6 Cause and prevention of late complications after choledochal cyst excision in children
Kenitiro Kaneko (Department of gastroenterological Surgery, Aichi Medical University)

Symposium 4

June 3 (Thu.) 16:20-18:10 [Room 4 (1008)]

Perioperative infection control in HBP surgery

Moderators Nobuhiko Taniai (Department of Digestive Surgery, Nippon Medical School Musashikosugi Hospital)
Koji Okamoto (Department of Surgery, Center for Gastroenterology and Liver Disease, Kitakyushu City Yahata Hospital)

- SY4-1 Management of infectious complications after hepatic resection
Hiroji Shinkawa (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University Graduate School of Medicine)
- SY4-2 Perioperative Management for Prevention of Surgical Site Infection in Liver Surgery in Our Hospital
Yoichi Kawano (Department of Surgery, Nippon Medical School Chiba-Hokusoh Hospital)
- SY4-3 Effectiveness of MRSA active surveillance for hepatobiliary-pancreatic surgery
Junzo Shimizu (Department of Surgery, Toyonaka Municipal Hospital)
- SY4-4 Pathogen causing bacteremia depending on the renal function after living donor liver transplantation
Ken Fukumitsu (Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Kyoto University)
- SY4-5 Indications and limitations of early drain removal after perihilar cholangiocarcinoma surgery
Ryusei Matsuyama (Department of Gastroenterological Surgery, Yokohama City University, Japan)
- SY4-6 The impact of drain fluid culture on POD1 on reinsertion drain after pancreaticoduodenectomy in patients with higher drain amylase levels
Manabu Kawai (Second Department of Surgery, Wakayama Medical University)
- SY4-7 Postoperative pancreatic fistula in surgery for perihilar cholangiocarcinoma and perioperative management in patients with high risk of pancreatic fistula
Nobuyuki Watanabe (Division of Surgical Oncology, Nagoya University, Nagoya, Japan)
- SY4-8 Perioperative infection control in pancreatobiliary surgery
Katsuhisa Hirano (Department of Surgery and Science, Faculty of Medicine, Academic Assembly, University of Toyama)
- SY4-9 Our perioperative antimicrobial management and rapid detection of causative bacteria in cases of acute cholangitis and cholecystitis
Koji Asai (Department of Surgery, Toho University Ohashi Medical Center)

Symposium 5

June 3 (Thu.) 9:40-11:30 [Room 4 (1008)]

Treatment strategies for multiple liver metastases from colorectal cancer

Moderators Akio Saiura (Department of Hepatobiliary-Pancreatic Surgery, Juntendo University Graduate School of Medicine)
Kuniya Tanaka (Department of Gastroenterological and General Surgery, Fujigaoka Hospital, Showa University)

SY5-1K Multidisciplinary treatment for multiple colorectal liver metastases considering the possibility of liver resection

Keynote Lecture Toru Beppu (Department of Surgery, Yamaga City Medical Center, Kumamoto, Japan)

- SY5-2 Importance of aggressive liver resection for multiple colorectal liver metastases by parenchymal sparing hepatectomy that enabled chemotherapy after surgical failure for colorectal liver metastasis
Daisuke Hokuto (Department of Surgery, Nara Medical University)
- SY5-3 Enhanced one-stage removal of multiple scattered colorectal liver metastasis by parenchymal sparing & skeletonized hepatectomy
Yuzo Umeda (Department of Gastroenterological Surgery, Okayama University, Okayama, Japan)
- SY5-4 Open versus laparoscopic resection of liver caudate lobe for colorectal metastasis: Japan and France experience
Shintaro Yamazaki (Department of Digestive Surgery, Nihon University School of Medicine)
- SY5-5 Therapeutic strategy for multiple colorectal liver metastases
Shinya Okumura (Division of HBP surgery and transplantation, Department of surgery, Kyoto University, Kyoto, Japan)
- SY5-6 Perioperative events have prognostic influence on patients with synchronous and multiple colorectal liver metastases: multicenter retrospective study
Masaki Ueno (Second Department of Surgery, Wakayama Medical University)
- SY5-7 Treatment strategy for multiple liver metastases from colorectal cancer
Kazuhisa Takeda (Yokohama City University Medical Center Gastroenterological Center)
- SY5-8 Treatment strategy for multiple colorectal liver metastases
Nozomu Sakai (Department of General Surgery, Chiba University, Chiba, Japan)
- SY5-9 Reconsideration of the prognostic role of RAS status in patients with multiple colorectal liver metastases
Yoshihiro Mise (Department of Hepatobiliary-Pancreatic Surgery, Juntendo University School of Medicine)

■ Video Symposium

Video Symposium 1

June 2 (Wed.) 9:20-11:10 [Room 5 (1009)]

Tips of laparoscopic S7/8 liver resection

Moderators Tetsuo Ikeda (Department of Surgery, Fukuoka Dental College)
Zenichi Morise (Department of Surgery, Fujita Health University School of Medicine, Okazaki Medical Center)

- VSY1-1 Laparoscopic Anatomical Segment 8 Resection Using Primary Parenchymatous Transection Technique with Application of ICG-Fluorescence Imaging
Rawisak Chanwat (Department of Surgery, National Cancer Institute, Bangkok, Thailand)
- VSY1-2 Laparoscopic S7/8 anatomical liver resection using vein-cage concept based on preoperative 3D simulation
Osamu Itano (Department of Hepato-Biliary-Pancreatic & Gastrointestinal Surgery, International University of Health and Welfare School of Medicine)
- VSY1-3 Laparoscopic liver resection for the posterosuperior segments – Standardized technique with caudal view and transthoracic intercostal trocar
Masahiko Kinoshita (Department of Hepato-Biliary-Pancreatic Surgery, Osaka City University Graduate School of Medicine, Osaka, Japan)

- VS1-4 Tips and pitfalls of "repeat" laparoscopic hepatectomy of segment 8
Shinji Onda (Department of Surgery, The Jikei University School of Medicine, Tokyo, Japan)
- VS1-5 Usefulness of the right kidney position for tumors located in the posterosuperior region of the liver
Shinsuke Sugeno (Department of Surgery, Shinshu University School of Medicine, Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery)
- VS1-6 Laparoscopic anatomical hepatectomy (S7/8) utilizing the hepatic vein; Hepatic vein first approach
Toshiro Ogura (Department of Gastroenterological Surgery, Saitama Cancer Center, Saitama, Japan)
- VS1-7 Standardization of the laparoscopic liver resection for the tumor in the postero-superior segment
Akishige Kanazawa (Hepato-Biliary-Pancreatic Surgery, Osaka City General Hospital)
- VS1-8 Laparoscopic Liver Resection of Segment 7
Atsuyuki Maeda (Department of Surgery, Ogaki Municipal Hospital, Gifu, Japan)
- VS1-9 Various techniques in laparoscopic sub-segmentectomy of the liver in S7 and S8 selected according to anatomical features
Yuta Abe (Department of Surgery, Keio University, Tokyo, Japan)

Video Symposium 2

June 3 (Thu.) 9:40-11:30 [Room 5 (1009)]

Recovery shot for intraoperative injury/complication in laparoscopic HBP surgery

Moderators Hiroyuki Nitta (Department of Surgery, Iwate Medical University)
Atsushi Sugioka (Department of Surgery, Fujita Health University)

- VS2-1 Recovery shots for intraoperative injury or complication in laparoscopic HPB Surgery: A single institution experience
Koh Peng Soon (Department of Surgery, University of Malaya, Malaysia)
- VS2-2 Troubleshooting tips for bleeding from the portal venous system during minimally invasive pancreatic resection
Naoki Ikenaga (Department of Surgery and Oncology, Kyushu University)
- VS2-3 How to evade and handle intraoperative bleeding during laparoscopic distal pancreatectomy
Yoshihiro Miyasaka (Department of Surgery, Fukuoka University Chikushi Hospital / Department of Surgery and Oncology, Kyushu University)
- VS2-4 Coping with hemorrhage in laparoscopic pancreatic resection
Hiroshi Tajima (Department of General-Pediatric-Biliary-Pancreatic Surgery, Kitasato University School of Medicine, Sagami, Japan)
- VS2-5 Surgical procedures and bleeding control techniques for performing laparoscopic anatomic liver resection safely
Yuhei Kondo (Department of Surgery, Fukuyama City Hospital, Hiroshima, Japan)
- VS2-6 Standardization of recovery shot and strategies to avoid intraoperative complication in laparoscopic liver resection
Yutaka Takeda (Department of Surgery, Kansai Rosai Hospital, Hyogo, Japan)
- VS2-7 Management for intraoperative bile leakage in laparoscopic hepatectomy
Shinya Hayami (Second Department of Surgery, Wakayama Medical University)
- VS2-8 Strategy for Bile Leakage in Laparoscopic Liver Resection
Akira Mori (Department of Surgery, Japanese Red Cross Osaka Hospital)
- VS2-9 Knacks to reduce intraoperative bleeding in reduced-port splenectomy
Takeyuki Misawa (Department of Surgery, Teikyo University School of Medicine, Tokyo, Japan)

Video Symposium 3

June 3 (Thu.) 13:00-14:50 [Room 5 (1009)]

Simulation and navigation in HBP surgery

Moderators Keiji Sano (Department of Surgery, Teikyo University)
Fumitoshi Hirokawa (Department of General and Gastroenterological Surgery, Osaka Medical College)

VS3-1K The past and present of navigation techniques in hepato-biliary-pancreatic surgery

Keynote Lecture Yoji Kishi (Department of Surgery, National Defense Medical College, Saitama, Japan)

VS3-2 Development status of ICG-fluorescence cholangiography in laparoscopic cholecystectomy according to the IDEAL framework

Takeaki Ishizawa (Hepato-Biliary-Pancreatic Surgery Division, Department of Surgery, Graduate School of Medicine, the University of Tokyo)

VS3-3 Intraoperative support with 3D holographic cholangiography in biliary surgery

Yu Saito (Department of Surgery, Tokushima University, Tokushima, Japan)

VS3-4 Preoperative simulation and intraoperative imaging with ICG fluorescence in laparoscopic liver resection in our hospital

Go Shinke (Department of Surgery, Kansai Rosai Hospital, Hyogo, Japan)

VS3-5 Full Laparoscopic Anatomical Segment 7 and 8 Resection for Hepatocellular Carcinoma Using the Glissonian Approach with Indocyanine Green Dye Fluorescence

Kazuharu Igarashi (Department of Surgery, Ageo Central General Hospital, Saitama, Japan)

VS3-6 A safe and accurate laparoscopic liver resection for hepatic neoplasm using a novel simulation and navigation technology

Tomotake Koizumi (Division of Gastroenterological and General Surgery, Department of Surgery, Showa University, Tokyo, Japan)

VS3-7 Demarcation line assessment in anatomical liver resection

Takeshi Urade (Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine)

VS3-8 Navigation surgery for liver tumors that are difficult to identify intraoperatively

Shintaro Kuroda (Department of Gastroenterological Surgery, Hiroshima University, Hiroshima, Japan)

VS3-9 Real-time Navigation HBP Surgery Using Indocyanine Green Fluorescence Imaging-Challenge to intraoperative blood flow evaluation-

Satoru Seo (Department of Surgery, Graduate School of Medicine, Kyoto University)

Video Symposium 4

June 3 (Thu.) 16:20-18:10 [Room 5 (1009)]

HBP surgery with vascular reconstruction

Moderators Katsuhiko Uesaka (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center)
Hiroshi Sadamori (Department of Surgery, Fukuyama City Hospital)

VS4-1K Keynote address of vascular resection and reconstruction during hepatobiliary surgery

Keynote Lecture Tsuyoshi Sano (Department of Gastroenterological Surgery, Aichi Medical University)

VS4-2 Usefulness of the superficial femoral vein as a graft for portal/superior mesenteric vein reconstruction during pancreatectomy

Mimi Chapman (Department of Surgery and Science, Faculty of Medicine, Academic Assembly, University of Toyama)

- VS4-3 Pancreaticoduodenectomy with combined arterial resection for locally advanced pancreatic cancer
Kenichiro Uemura (Department of Surgery, Hiroshima University)
- VS4-4 Surgical planning, techniques and outcomes in liver resection with reconstruction of the main hepatic vein
Shunya Hanzawa (Department of Surgery, Fukuyama City Hospital)
- VS4-5 Hepatic vein resection and reconstruction for liver malignancies: Expanding indication and enhancing parenchymal-sparing hepatectomy
Yoshihiro Mise (Department of Hepatobiliary-Pancreatic Surgery, Juntendo University School of Medicine, Hongo, Tokyo, Japan)
- VS4-6 Tips of hepatic artery and portal vein simultaneous reconstruction for locally advanced perihilar cholangiocarcinoma
Tsukasa Takayashiki (Department of General Surgery, Chiba University)
- VS4-7 Simultaneous resection of the portal vein and hepatic artery for locally advanced perihilar cholangiocarcinoma
Shunsuke Onoe (Division of Surgical Oncology, Nagoya University, Nagoya, Japan)

■ Panel Discussion

Panel Discussion 1

June 2 (Wed.) 9:20-11:10 [Room 3 (1002)]

Conversion surgery for locally advanced pancreatic cancer

Moderators Yasuyuki Suzuki (Department of Gastroenterological Surgery, Kagawa University)
Fuyuhiko Motoi (Department of Surgery I, Yamagata University)

- PD1-1 Prognostic implications of additional induction radiotherapy and preoperative nutritional status in radical resection after downstaging for unresectable locally advanced pancreatic cancer: results of a dual-center study
Yui Hoshino (Department of Surgery and Science, Faculty of Medicine, Academic Assembly, University of Toyama, Toyama, Japan)
- PD1-2 Assessment of multimodal treatment for locally advanced unresectable pancreatic cancer
Yoshiyasu Kato (Gastroenterological Surgery, Nagoya University Graduate School of Medicine)
- PD1-3 Comparison of impact on chemotherapeutic treatments followed by conversion surgery for locally advanced initially unresectable pancreatic cancer
Shigetsugu Takano (Department of General Surgery, Chiba University, Chiba, Japan)
- PD1-4 Appropriate indication criteria of conversion surgery (CS) for locally advanced unresectable (UR-LA) pancreatic ductal adenocarcinoma (PDAC)
Yasuhisa Ando (Departments of Gastroenterological Surgery, Kagawa University, Kagawa, Japan)
- PD1-5 Conversion surgery for the locally advanced unresectable pancreatic cancer: CA19-9 normalization as an indicator for therapeutic selection
Hidenori Takahashi (Department of Surgery, Osaka International Cancer Institute)
- PD1-6 Predictive value of multiple tumor markers in conversion surgery for unresectable locally advanced pancreatic cancer
Minako Nagai (Department of Surgery, Nara Medical University, Nara, Japan)

- PD1-7 Significance of the contact angle between tumor and the SMA in preoperative imaging in locally advanced pancreatic cancer: Histopathological analysis of patients undergoing pancreaticoduodenectomy with combined resection of SMA
Isamu Makino (Department of Hepato-Biliary-Pancreatic Surgery and Transplantation, Kanazawa University)
- PD1-8 The outcomes of conversion surgery with aggressive arterial resection for unresectable locally advanced pancreatic cancer
Hiroyuki Otsuka (Department of Surgery, Hiroshima University)
- PD1-9 Attempt to optimize the extent of resection in conversion surgery for patients with locally advanced unresectable pancreatic cancer
Toshimichi Asano (Department of Gastroenterological Surgery II, Hokkaido University Faculty of Medicine, Sapporo, Japan)
- PD1-10 Surgical outcome of conversion surgery for initially unresectable locally advanced pancreatic cancer: a single-center retrospective study
Yuta Yoshida (Department of surgery, Kindai University, Osaka, Japan)
- PD1-11 Chemoradiotherapy followed by surgery for UR-LA PDAC paying attention to CEA and CA19-9 levels at the decision point
Masashi Kishiwada (Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Mie, Japan)

Panel Discussion 2

June 2 (Wed.) 12:40-14:00 [Room 5 (1009)]

Surgical treatment for intrahepatic cholangiocarcinoma

- Moderators** Masayuki Otsuka (Department of General Surgery, Chiba University)
Yoshihiro Sakamoto (Department of Hepato-Biliary Pancreatic Surgery, Kyorin University Hospital)
- PD2-1 Role of pyloroplasty in intrahepatic cholangiocarcinoma patients undergoing extensive left-sided lymph node dissection
Dong-Sik Kim (Division of HBP Surgery & Liver Transplantation, Department of Surgery, Korea University College of Medicine, Korea)
- PD2-2 Surgical outcomes of peripheral-type intrahepatic cholangiocarcinoma focusing on the primary recurrence site
Shinichi Nakanuma (Department of Hepato-Biliary-Pancreatic Surgery, Kanazawa University)
- PD2-3 Strategy for intrahepatic cholangiocarcinoma with lymph node swelling
Hideaki Sueoka (Department Surgery, Hepato-Biliary-Pancreas Surgery, Hyogo College of Medicine)
- PD2-4 Clinical impact of surgical resection for recurrent intrahepatic cholangiocarcinoma
Harufumi Maki (Hepatobiliary-Pancreatic Surgery Division, Department of Surgery, The University of Tokyo)
- PD2-5 Aggressive lymph node dissection decreased lymph node recurrence and improve prognosis in ICC patients receiving R0 resection
Satoshi Kuboki (Department of General Surgery, Chiba University, Chiba, Japan)
- PD2-6 What is best indication, no indication, or border indication for surgery of intrahepatic cholangiocarcinoma?
Shunichi Ariizumi (Department of Surgery, Tokyo Women's Medical University, Tokyo, Japan)

Panel Discussion 3

June 3 (Thu.) 13:00-14:50 [Room 4 (1008)]

Therapeutic strategy for advanced hepatocellular carcinoma

- Moderators** Hiroaki Nagano (Department of Gastroenterological, Breast and Endocrine Surgery, Yamaguchi University)
Mitsuo Shimada (Department of Digestive and Pediatric Surgery, The University of Tokushima Faculty of Medicine)
- PD3-1 Laparoscopic Liver Resection for Advanced HCC
Kuo-Hsin Chen (Surgery, Far-Eastern Memorial Hospital, Taiwan)
- PD3-2 Surgical indication for huge hepatocellular carcinoma
Takafumi Kumamoto (Department of Gastroenterological Surgery, Yokohama City University, Yokohama, Japan)
- PD3-3 Hepatectomy for hepatocellular carcinoma with bile duct tumor thrombus that presents with obstructive jaundice
Tatsuya Orimo (Department of Gastroenterological Surgery I, Hokkaido University Graduate School of Medicine, Sapporo, Japan)
- PD3-4 Liver resection with thrombectomy following concurrent hepatic arterial infusion chemotherapy and radiotherapy for patients with hepatocellular carcinoma and tumor thrombus in the first-order or main trunk or contralateral portal vein
Satoshi Matsukuma (Department of Gastroenterological, Breast and Endocrine Surgery, Yamaguchi University Graduate School of Medicine, Yamaguchi, Japan)
- PD3-5 Impact of hepatectomy for advanced hepatocellular carcinoma with major portal vein tumor thrombus
Shohei Komatsu (Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine)
- PD3-6 Serum level of C-reactive protein and body mass index are useful predictors of surgical benefit for patients with hepatocellular carcinoma with macroscopic tumor thrombus undergoing surgery
Takayuki Shimizu (Second Department of Surgery, Dokkyo Medical University)
- PD3-7 Surgical treatment of hepatocellular carcinoma associated with macrovascular invasion
Chikara Shirata (Hepato-Biliary-Pancreatic Surgery Division and Artificial Organ and Transplantation Division, The University of Tokyo)
- PD3-8 Indication for neoadjuvant therapy based on outcomes classified by resectability in hepatocellular carcinoma
Ikuo Nakamura (Department of Gastroenterological Surgery, Hyogo College of Medicine)
- PD3-9 Neoadjuvant therapy using lenvatinib for highly advanced hepatocellular carcinoma
Hirofumi Ichida (Department of Hepatobiliary-Pancreatic Surgery, Juntendo University School of Medicine)
- PD3-10 Indication and Significance of Conversion Surgery after Lenvatinib in Patients with advanced hepatocellular carcinoma
Tomohiro Okamoto (Division of Hepato-Biliary-Pancreatic Surgery, Department of Gastroenterological Surgery, Hyogo College of Medicine, Hyogo, Japan)
- PD3-11 Conversion surgery after lenvatinib treatment for advanced hepatocellular carcinoma
Keiichi Akahoshi (Hepatobiliary and Pancreatic Surgery, Tokyo Medical and Dental University, Tokyo, Japan)

Panel Discussion 4

June 3 (Thu.) 13:00-14:50 [Room 3 (1002)]

Surgical treatment for advanced gallbladder cancer

Moderators Kenichi Hakamada (Department of Gastroenterological Surgery and Pediatric Surgery, Hirosaki University Graduate School of Medicine)

Toshio Nakagori (Department of Surgery, Tokai University School of Medicine)

PD4-1 Surgical treatment for gallbladder carcinoma according to tumor spread and AJCC TNM Stage

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

PD4-2 Aggressive R0 resection in combination with multidisciplinary treatment improves prognosis in advanced gallbladder cancer

Satoshi Kuboki (Department of General Surgery, Chiba University, Japan)

PD4-3 Survival efficacy of extended resection for locally advanced gallbladder cancer

Takashi Mizuno (Division of Surgical Oncology, Department of Surgery, Nagoya University, Aichi, Japan)

PD4-4 Minimal Invasive Surgery for Advanced Gallbladder Cancer

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

PD4-5 Clinical significance of extrahepatic bile duct resection for advanced gallbladder cancer

Hiroshi Wada (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)

PD4-6 Additional visceral organ resection and/or major hepatectomy for locally advanced gallbladder cancer: short- and long-term outcomes

Hiromichi Ito (Division of Hepatobiliary and Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research)

PD4-7 Applicability of sentinel lymph node-oriented surgical strategy for T2/T3 gallbladder cancer

Ryoichiro Kobayashi (Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery, Shinshu University)

PD4-8 The surgical indication and procedures for gallbladder cancer

Kei Nakagawa (Department of Surgery, Tohoku University, Sendai, Japan)

Panel Discussion 5

June 2 (Wed.) 9:20-11:10 [Room 4 (1008)]

Long-term outcomes after liver transplantation

Moderators Hiroto Egawa (Department of Surgery, Tokyo Women's Medical University)

Hideki Ohdan (Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University)

PD5-1 Strategies of The Japan Society for Transplantation to improve long-term outcomes of liver transplantation

Hiroto Egawa (Department of Surgery, Tokyo Women's Medical University, Tokyo, Japan)

PD5-2 Long-term outcome after liver transplantation

Kyung-Suk Suh (Department of Surgery Seoul National University Hospital, Korea)

PD5-3 Current status and management of long-term complications after liver transplantation

Masahiro Ohira (Department of Gastroenterological and Transplant Surgery, Hiroshima University)

- PD5-4 Present status of outpatient clinic for transplant patients
Kaori Kuramitsu (Department of Surgery, Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine)
- PD5-5 Pregnancy and childbirth after liver transplantation in our hospital
Takashi Ito (Department of Hepato-biliary-Pancreatic Surgery and Transplantation, Kyoto University Hospital, Kyoto, Japan)
- PD5-6 Long term outcomes after living donor liver transplantation
Noboru Harada (Department of Surgery and Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)
- PD5-7 Long-term outcomes and factors associated with the disease recurrence after liver transplantation for PSC-a Japanese nationwide survey
Nobuhisa Akamatsu (Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, The University of Tokyo)
- PD5-8 Graft and health status of long-term survivors after pediatric living donor liver transplantation: a single-center experience
Hajime Uchida (Organ Transplantation Center, National Center for Child Health and Development, Tokyo, Japan)

■ Workshop

Workshop 1-1

June 2 (Wed.) 9:20-11:10 [Room 2 (1001)]

Translational research in HBP surgery 1

- Moderators** Toshifumi Wakai (Division of Digestive and General Surgery Niigata University)
Takumi Fukumoto (Division of Hepato-Biliary-Pancreatic Surgery, Kobe University Graduate School of Medicine)
- WS1-1-1 The involvement of M-CSF expressed in the liver in the development of hepatocellular carcinoma and its application to new molecular-targeted therapies for hepatocellular carcinoma
Hiroshi Kono (First Dept. of Surgery, University of Yamanashi, Japan)
- WS1-1-2 Japanese version of the liver cancer genome atlas established using fresh frozen tumors obtained from 265 liver cancer patients
Taisuke Imamura (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center)
- WS1-1-3 Histopathological and mass cytometry analyses of tumor microenvironments after a novel neoadjuvant peptide vaccination therapy for resectable HCC
Masao Nakajima (Department of Gastroenterological, Breast and Endocrine Surgery, Yamaguchi University Graduate School of Medicine)
- WS1-1-4 Clinical impact of statin intake and its biological mechanism via YAP/TAZ against hepatobiliary pancreatic cancers
Hiromitsu Hayashi (Department of Gastroenterological Surgery, Kumamoto University)
- WS1-1-5 Adipose-derived mesenchymal stem cells differentiate into pancreatic cancer-associated fibroblasts in vitro
Yoshihiro Miyazaki (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Faculty of Medicine, University of Tsukuba, Tsukuba, Japan)
- WS1-1-6 mGPDH expression as a biomarker of prognosis in pancreatic cancer
Koji Kubota (Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery, Department of Surgery, Shinshu University School of Medicine)

- WS1-1-7 New CA19-9 cutoff value according to liquid biopsy of pancreatic cancer
Fumiaki Watanabe (Department of Surgery, Jichi Medical University, Saitama Medical Center, Saitama, Japan)
- WS1-1-8 Clinical and genetic features of re-resected pancreatic cancer
Manami Doi (Department of gastrointestinal surgery, Tsukuba University, Ibaraki, Japan / Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Tokyo, Japan)
- WS1-1-9 A gene expression signature for predicting response to neoadjuvant chemoradiotherapy in patients with pancreatic ductal adenocarcinoma
Satoshi Nishiwada (Department of Surgery, Nara Medical University, Nara, Japan / Department of Molecular Diagnostics and Experimental Therapeutics, Beckman Research Institute of City of Hope Comprehensive Cancer Center, Duarte, CA, USA)
- WS1-1-10 Urine cell-free DNA detection and pancreatic cancer-specific methylation detection for monitoring the perioperative chemotherapy sensitivity
Masamichi Hayashi (Department of Gastroenterological Surgery, Nagoya University, Nagoya, Japan)
- WS1-1-11 Clinical Significance of KRAS Mutations in Circulating Tumor DNA for Appropriate Surgical Indication and Timing in Patients with Borderline Resectable or Unresectable Pancreatic Cancer
Ryuichi Yoshida (Gastroenterological Surgery, Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Science, Japan)

Workshop 1-2

June 2 (Wed.) 15:50-17:20 [Room 1 (1003)]

Translational research in HBP surgery 2

- Moderators** Osamu Itano (Department of Gastroenterological Surgery, International University of Health and Welfare)
Shigeru Maruhashi (Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Fukushima Medical University)
- WS1-2-1 Predictive biomarkers for survival and treatment response for pancreatic ductal adenocarcinoma from molecular biological approach
Yutaka Nakano (Department of Surgery, Keio University School of Medicine)
- WS1-2-2 Prediction of intrahepatic recurrence after surgery for hepatocellular carcinoma
Teruhide Ishigame (Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Fukushima Medical University, Fukushima, Japan)
- WS1-2-3 The Long and winding road to human scale engineered neo-organ: whole-liver assembly project
Taizen Urahashi (Department of Surgery, Dokkyo Medical University, Saitama Medical Center)
- WS1-2-4 Sarcomatoid hepatocellular carcinoma has distinct immunologic hallmarks from ordinary hepatocellular carcinoma
Ryo Morisue (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East / Division of Pathology, Exploratory Oncology Research & Clinical Trial Center, National Cancer Center)
- WS1-2-5 Single nucleotide polymorphism and alleles of HLA Class II can predict the response of HBV vaccination after living donor liver transplantation
Tomoharu Yoshizumi (Department of Surgery and Science, Kyushu University)
- WS1-2-6 Silk fibroin vascular graft: a new option for hepato-biliary-pancreatic surgery with venous reconstruction
Sho Kiritani (Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and Transplantation Division, Graduate School of Medicine, University of Tokyo)

- WS1-2-7 Clinical application of auto-transplantation of generated insulin-producing cells from ADSC with Tokushima protocol
Tetsuya Ikemoto (Department of Digestive and Transplant Surgery, Tokushima University, Japan)
- WS1-2-8 The prospectivity of c-Met inhibitor for pancreatic cancer patients receiving preoperative chemoradiotherapy
Hirofumi Akita (Department of Gastroenterological Surgery, Graduate School of Medicine, Osaka University, Osaka, Japan)
- WS1-2-9 Development of Methionine restriction therapy for pancreatic cancer
Kei Kawaguchi (Department of Surgery, Tohoku University, Sendai, Japan / University of California, San Diego)

Workshop 2

June 3 (Thu.) 16:20-17:50 [Room 2 (1001)]

Treatment strategies for pancreatic neuroendocrine tumor

- Moderators** Taku Aoki (Second Department of Surgery, Dokkyo Medical University)
Ippei Matsumoto (Division of Hepato-Biliary Pancreatic Surgery, Department of Surgery, Kindai University Hospital)
- WS2-1K **Current situation of treatment strategy for pancreatic neuroendocrine neoplasm**
Keynote Lecture Susumu Hijioka (Department of Hepatobiliary and Pancreatic Oncology, National Cancer Center)
- WS2-2 Surgical indications and outcome for small size Pan-NENs
Shingo Kagawa (Department of General Surgery, Chiba University, Graduate School of Medicine)
- WS2-3 Treatment strategy to be examined based on the resection results of non-functional pancreatic neuroendocrine neoplasm
Norimasa Kuraoka (Department of surgery, Graduate school of Biochemical and Health Sciences, Hiroshima University, Hiroshima, Japan)
- WS2-4 Optimal indication of lymphadenectomy for resectable PNEN
Masayuki Tanaka (Department of Surgery, Keio University School of Medicine, Tokyo, Japan)
- WS2-5 Optimal surgical approaches and extent of lymph node dissection for non-functional Pancreatic Neuroendocrine Neoplasms considering clinical practice guidelines
Takayuki Miura (Department of Surgery, Tohoku University, Sendai, Japan)
- WS2-6 Selection of the optimal surgical procedure for neuroendocrine neoplasm in the left side of the pancreas
Keiko Kamei (Department of Surgery, Kindai University, Osaka, Japan)
- WS2-7 High Ki67 index in the primary tumor rather than that in the metastatic sites related to short recurrence free survivals in PanNET liver metastasis after resection
Toshihiko Masui (Department of Surgery, Kyoto University, Kyoto, Japan)
- WS2-8 Long-term results after hepatectomy in patients with liver metastasis from neuroendocrine neoplasm
Junichi Arita (Hepato-Biliary and Pancreatic Surgery Division, Department of Surgery, University of Tokyo, Japan)
- WS2-9 Combination of Weekly Streptozocin and Oral S-1 Treatment is effective treatment for unresectable or metastatic pancreatic NET-G1 and NET-G2 patients
Hiroaki Ono (Department of Hepatobiliary and Pancreatic Surgery, Tokyo Medical and Dental University, Tokyo, Japan)

Workshop 3

June 2 (Wed.) 15:50-17:20 [Room 2 (1001)]

Long-term results outcomes after resection of ampullary carcinoma

Moderators Tetsuo Ajiki (Hapato-Biliry-Pancreatic Surgery, Kobe University Hospital)
Masaji Tani (Department of Surgery, Shiga University of Medical Science)

- WS3-1 Long-term outcomes and prognostic factors following surgery in patients with ampullary carcinoma
Daisuke Suzuki (Department of General Surgery, Chiba University, Chiba, Japan)
- WS3-2 Long-term outcome and prognostic factors after resection of ampullary carcinoma
Takehisa Yazawa (Department of surgery, Institute of gastroenterology, Tokyo Women's Medical University)
- WS3-3 Long-term outcome of surgical resection for ampullary carcinoma
Yoshitsugu Nakanishi (Department of Gastroenterological Surgery II, Hokkaido University, Sapporo, Japan)
- WS3-4 Budding grade 3 is an independent risk factor of worse prognosis after resection of duodenal cancer
Tatsuma Sakaguchi (Department of Surgery, Kansai Medical University, Osaka, Japan)
- WS3-5 Long term survival following resection for ampullary carcinoma
Hiroaki Yanagimoto (Department of Surgery, Division of Hepato-biliary-pancreatic surgery, Kobe University, Japan)
- WS3-6 The impact of preoperative nutritional status for long-term prognosis with ampullary carcinoma patients
Takeshi Koujima (Department of Surgery, Red Cross Society Himeji Hospital)
- WS3-7 The prognostic impact of pancreatic invasion in ampulla of Vater carcinoma
Katsuhisa Ohgi (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center)
- WS3-8 Evaluation of adjuvant chemotherapy including liver perfusion chemotherapy for improving prognosis in advanced ampullary cancer patients
Shinichiro Hasegawa (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Osaka, Japan)
- WS3-9 Prognostic factors for ampullary carcinoma treated with surgical resection
Takuya Sakoda (Department of Surgery, Graduate School of Biomedical and Health Science, Hiroshima University, Hiroshima, Japan)
- WS3-10 Surgery for Cancer of Duodenal Papilla in an Era of Laparoscopic
Masayoshi Sakuma (Department of Surgery, Ogaki Municipal Hospital, Gifu, Japan)

Workshop 4

June 3 (Thu.) 13:00-14:50 [Room 2 (1001)]

Intervention of nutrition and exercise therapy in HBP surgery

Moderators Yoshifumi Takeyama (Division of Hapato-Biliry-Pancreatic Surgery, Department of Surgery, Kindai University)
Kazuhiro Hanazaki (Department of Surgery, Kochi Medical School, Kochi University)

WS4-1-K Nutritional and exercise intervention in hepato-biliary-pancreatic surgery

Keynote Lecture Toshimi Kaido (Department of Gastrointestinal and General Surgery, St Luke's International Hospital, Tokyo, Japan)

- WS4-2 The investigation of the prognostic factors in patients of pancreatic cancer analyzed by preoperative physical and nutritional status
Kazuto Shibuya (Department of Surgery and Science, Faculty of Medicine, Academic Assembly, University of Toyama)
- WS4-3 Incidence of Post-Hepatectomy Complication Stratified by Surgical Complexity Classification and Use of Enhanced Recovery After Surgery: Bi-Institutional Study of Lausanne University and University of Tokyo
Kosuke Kobayashi (Hepato-Pancreatico-Biliary Surgery Division, Department of Surgery, Graduate School of Medicine, the University of Tokyo / Department of Visceral Surgery, Lausanne University Hospital and University of Lausanne, Switzerland)
- WS4-4 Impact of protein intake with an immunomodulating diet enriched with hydrolyzed whey peptide on infection after liver transplantation
Naoko Kamo (Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Department of Surgery, Kyoto University, Kyoto, Japan)
- WS4-5 The impact of feeding jejunostomy tube for short and long term outcomes after pancreatoduodenectomy for pancreatic ductal adenocarcinoma
Yoshikuni Inokawa (Department of Gastroenterological Surgery (Surgery II), Nagoya University Graduate School of Medicine)
- WS4-6 Perioperative nutritional management and rehabilitation in bile duct cancer
Shigeki Nakagawa (Department of HBP surgery, The Cancer Institute Hospital Of JFCR.)
- WS4-7 Effect of immunonutrition as a nutritional intervention on infectious complications in sarcopenic patients after pancreaticoduodenectomy
Katsunori Furukawa (Department of General Surgery, Chiba University Graduate School of Medicine, Chiba, Japan)
- WS4-8 Effect of sarcopenia on short-term survival after living donor liver transplantation
Masahiro Tomita (Department of Pediatric Surgery and Transplantation, Kumamoto University, Kumamoto, Japan)

Workshop 5

June 2 (Wed.) 15:50-17:10 [Room 3 (1002)]

Appropriate surgical treatment for IPMN

- Moderators** Yoshiaki Murakami (General Surgery, Hiroshima Memorial Hospital)
Hideyuki Yoshitomi (Department of Surgery, Dokkyo Medical University, Saitama Medical Center)
- WS5-1 Management of IPMN and the ongoing tug of war: observation or operation?
Kjetil Søreide (Department of Gastrointestinal Surgery, Stavanger University Hospital / Department of Clinical Medicine, University of Bergen, Norway)
- WS5-2 Decreasing CT number in the pancreatic parenchyma indicated the development of malignancies in the intraductal papillary mucinous neoplasm
Daisaku Yamada (Department of Gastroenterological Surgery, Graduate school of medicine, Osaka University, Osaka, Japan)
- WS5-3 Validation of malignant predictors for IPMN and establishment of selection criteria for adequate surgical management
Takuji Noro (Department of Surgery, Dokkyo Medical University Saitama Medical Center, Saitama, Japan)
- WS5-4 Preoperative distinction between invasive carcinoma and non-invasive intraductal papillary mucinous neoplasm of the pancreas
Yusuke Kazami (Division of Hepatobiliary and Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research)

- WS5-5 Surgical indication and optimal surgical procedure for intraductal papillary mucinous neoplasm of the pancreas
Seiko Hirono (Second Department of Surgery, Wakayama Medical University)
- WS5-6 Feasibility of minimally invasive pancreatic surgery for intraductal papillary mucinous neoplasms of the pancreas without intraoperative irrigation cytology in the remnant pancreas
Noboru Ideno (Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)
- WS5-7 Oncological outcomes of limited resection for patients with intraductal papillary mucinous neoplasm of the pancreas
Toshimichi Asano (Department of Gastroenterological Surgery II, Hokkaido University Faculty of Medicine, Sapporo, Japan)

Workshop 6

June 2 (Wed.) 15:50-17:10 [Room 4 (1008)]

Biomarkers in HBP field

- Moderators** Shinji Tanaka (Department of Molecular Oncology, Tokyo Medical and Dental University)
Mitsuhsa Takatsuki (Department of Digestive and General Surgery, Graduate School of Medicine, University of the Ryukyus)
- WS6-1 Assessment of mutation burden after clinical intervention in pancreatic ductal adenocarcinomas via profiling circulating tumor DNA
Yasutoshi Kimura (Department of Surgery, Surgical Oncology and Science, Sapporo Medical University, Sapporo, Japan)
- WS6-2 A prospective study of the usefulness of circulating tumor DNA as biomarker during neoadjuvant chemotherapy for the borderline-resectable pancreatic cancer
Yuji Kitahata (2nd department of Surgery, Wakayama Medical University, Japan)
- WS6-3 Detection of viable CTCs predicts metastatic disease and prognosis, and aberrant expression of PD-L1 on v-CTCs in the patients with pancreatic cancer
Masahiro Tanemura (Department of Surgery, Rinku General Medical Center, Izumisano, Japan)
- WS6-4 Brand-new biomarker for early pancreatic cancer; the rBC2LCN lectin - Glycoprotein X sandwich assay surpass CA19-9 detection value
Osamu Shimomura (Department of GI & HBP surgery, University of Tsukuba, Ibaraki, Japan)
- WS6-5 Integrated omics analysis to characterize the clinicopathological behavior of metachronous double bile duct cancers
Shuichi Aoki (Department of Surgery, Tohoku University Graduate School of Medicine, Sendai, Japan)
- WS6-6 Oncological properties in hepatocellular carcinoma expressing xenogeneic carbohydrate antigen N-glycorylneuraminic acid (NeuGc) can predict early recurrence after hepatic resection
Hiroyuki Tahara (Department of Gastroenterological and Transplant Surgery, Hiroshima University)
- WS6-7 Prognostic Impact of Vessels that Encapsulate Tumor Cluster (VETC) in Patients who Underwent Living Donor Liver Transplantation for Hepatocellular Carcinoma
Takeo Toshima (Department of Surgery and Science, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)
- WS6-8 Can BRAF V600E mutation be an actionable mutation in surgical treatment for resectable colorectal liver metastases?
Shin Kobayashi (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East, Japan)
- WS6-9S Hiroyuki Takamura (General and Digestive Surgery, Kanazawa Medical University)

Special Comment

Workshop 7

June 3 (Thu.) 16:20-17:20 [Room 1 (1003)]

Development of AI in HBP surgery

Moderators Taizo Hibi (Department of Pediatric Surgery and Transplantation, Faculty of Life Science, Kumamoto University)

Youichi Kawano (Department of Surgery, Nippon Medical School Chiba Hokusoh Hospital)

- WS7-1 Artificial Intelligence based automatic recognition of the liver transection plane in laparoscopic hepatectomy
Kimimasa Sasaki (Surgical Device Innovation Office, National Cancer Center Hospital East, Chiba, Japan / Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East, Chiba, Japan)
- WS7-2 The efficacy of semantic segmentation of pancreas implemented by deep learning
Kento Miyazaki (Department of Surgery, Tohoku University Graduate School of Medicine)
- WS7-3 Development of an endoscope support system and its advanced integration using AI
Tomohiko Adachi (Department of Surgery, Nagasaki University)
- WS7-4 A novel intraoperative real-time cancer diagnosis using confocal-laser endomicroscopy
Yoshihiko Tashiro (Department of General and Gastroenterological Surgery, Showa University School of Medicine)
- WS7-5 Virtual biopsy for diagnosis of steatohepatitis and chemotherapy-associated liver injuries. A combined radiomic and clinical model
Guido Costa (Humanitas Clinical and Research Center - IRCCS, Rozzano - Milan, Italy (Division of Hepatobiliary and General Surgery, Department of Surgery))

Workshop 8

June 3 (Thu.) 16:20-18:10 [Room 3 (1002)]

Conversion surgery for biliary tract cancer

Moderators Toshiki Rikiyama (Department of Surgery, Saitama Medical Center, Jichi Medical University)
Shugo Mizuno (Hepatobiliary Pancreatic and Transplant Surgery, Mie University Graduate School of Medicine)

- WS8-1 A multicenter phase II trial of neoadjuvant chemotherapy with Gemcitabine / Cisplatin / S-1 for resectable biliary tract cancer with FDG-PET-positive lymph node metastasis (KHBO1201)
Etsuro Hatano (Department of Gastroenterological Surgery, Hyogo College of Medicine)
- WS8-2 Conversion surgery as a multidisciplinary therapy for biliary tract cancer
Kei Nakagawa (Department of Surgery, Tohoku University, Sendai, Japan)
- WS8-3 Impact of neoadjuvant gemcitabine plus S-1 therapy followed by curative-intent operation for locally advanced perihilar cholangiocarcinoma
Naohisa Kuriyama (Department Hepatobiliary Pancreatic and Transplant Surgery, Mie University, Mie, Japan)
- WS8-4 Surgical resection following chemotherapy for locally advanced perihilar cholangiocarcinoma
Isamu Hosokawa (Department of General Surgery, Chiba University Graduate School of Medicine, Chiba, Japan)
- WS8-5 Treatment outcomes of conversion surgery for unresectable biliary tract cancer
Kentaro Miyake (Department of Gastroenterological Surgery, Yokohama City University, Kanagawa, Japan)

- WS8-6 Conversion surgery for initially unresectable biliary malignancies: A multicenter retrospective cohort study
Takehiro Noji (Hokkaido University Faculty of Medicine, Gastroenterological Surgery II)
- WS8-7 Systemic chemotherapy followed by surgery for locally advanced, borderline resectable gallbladder cancer
Takashi Mizuno (Division of Surgical Oncology, Department of Surgery, Nagoya University)

■ Scientific Session

June 2 (Wed.) 15:50-17:10 [Room 5 (1009)]

- Moderators** Tatsuya Oda (Department of Surgery, Advanced Biomedical Applications, Grduated School of Comorehensive Human Science, University of Tsukuba)
Kyoichi Takaori (Nagahama City Hospital)
- SCS-1 Inhibition of sphingolipid metabolism induces mitophagy and lysosomal dysfunction in pancreatic cancer
Mitsuru Yanagaki (Department of Surgery, The Jikei University School of Medicine, Tokyo, Japan)
- SCS-2 Exposure to blood components and inflammation contribute to pancreatic cancer progression
Ryo Saito (First Department of Surgery, Faculty of Medicine, University of Yamanashi, Yamanashi, Japan)
- SCS-3 Postoperative elevation of C-reactive protein levels and high drainage fluid amylase output are strong predictors of pancreatic fistulas after distal pancreatectomy
Katsunori Sakamoto (Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Ehime University)
- SCS-4 Impact of the aberrant right hepatic artery on the local recurrence of pancreatic ductal adenocarcinoma after pancreaticoduodenectomy
Takayoshi Nakajima (Department of Surgery, Meiwa General Hospital)
- SCS-5 Role of ^{99m}Tc-galactosyl human serum albumin liver scintigraphy in perihilar cholangiocarcinoma surgery
Takehiro Noji (Hokkaido University Faculty of Medicine, Gastroenterological Surgery, Sapporo, Japan)
- SCS-6 Utility of preoperative physical activity level measuring by accelerometer for predicting complications after hepatectomy
Hiroya Iida (Department of Surgery, Shiga University of Medical Science)