

JSES-IFSES Joint Session

September 4 (Fri) Room 3 (Conference Center 5F 502)

9:40~11:10

Important Surgical Anatomy for MIS

Chair Eduardo M^a Targarona (Surgery, Hospital Dantpau)

Davide Lomanto (Minimally Invasive Surgical Centre, Department of Surgery, NUHS and National University of Singapore)

- JIS-1** The Aortic Membrane and Left Mesoesophagus Visualized by Robotic Esophagectomy: Layer-Oriented Mediastinal Dissection Based on RESA
ロボット支援食道癌手術で見える大動脈膜と左側食道間膜：RESAに基づく安全・精緻な縦隔郭清
Kazuhiro Noma (Department of Gastroenterological Surgery, Okayama University, Japan)
野間 和広 (岡山大学消化器外科)
- JIS-2** Importance of anatomical dissection during Minimally Invasive Esophagectomy
Philip Wai Yan Chiu (Faculty of Medicine, The Chinese University of Hong Kong, Hong Kong)
- JIS-3** Surgical Anatomy Essential for Colorectal Surgery
大腸手術で知っておくべき外科解剖
Shigeki Yamaguchi (Division of Gastrointestinal Surgery, Department of Surgery, Tokyo Women's Medical University, Japan)
山口 茂樹 (東京女子医科大学消化器・一般外科)
- JIS-4** What to do next when suspecting a bile duct injury during LC; decriminalizing bile duct injury
Horacio Asbun (Hepatobiliary and Pancreas Surgery, Baptist Health Herbert Wertheim Cancer Institute)
- JIS-5** Preoperative 3D Reconstruction and intraoperative AI for Anatomy-Guided Minimally Invasive Surgery
Salvador Morales-Conde (Department of General and Digestive Surgery, University Hospital Virgen Macarena (Sevilla, Spain))

JSES-EAES Joint Session

September 4 (Fri) Room 6 (Conference Center 4F 411+412) 14:40~16:10

Sustainable Endoscopic Surgery: From Vision to Action

Chair Salvador Morales-Conde (Department of Surgery, University Hospital Virgen Macarena. University of Sevilla, Spain)

Eiji Kanehira (Department of Surgery, Medical Topia Soka)
金平 永二 (メディカルトピア草加病院外科)

JEAS-1 Reducing Greenhouse Gas Emissions and Rethinking Surgical Practice: The 10R Ladder

Nicole Dorine Bouvy (Department of Surgery, Leiden University Medical Center, Netherlands)

JEAS-2 Avoiding Complications: Striking the Balance between Safety, Cost, and Environmental Responsibility

合併症を防ぐ内視鏡外科戦略：安全性・コスト・環境の調和を目指して

Noriyuki Inaki (Department of Gastrointestinal Surgery, Kanazawa University, Japan)
稲木 紀幸 (金沢大学消化管外科)

JEAS-3 Innovation Meets Responsibility in Endoscopic Surgery

Alberto Arezzo (Department of Surgical Sciences, University of Turin, Italy)

JEAS-4 Current status and future prospects of green surgery: environmental impact assessment using LCA methods

Green Surgery の現状と将来展望：LCA 手法を用いた環境負荷評価

Kiyokazu Nakajima (Department of Next Generation Endoscopic Intervention (Project ENGINE), the University of Osaka, Graduate School of Medicine, Japan / Department of Gastroenterological Surgery, the University of Osaka, Graduate School of Medicine, Japan)

中島 清一 (大阪大学大学院医学系研究科次世代内視鏡治療学共同研究講座 / 大阪大学大学院医学系研究科外科学講座消化器外科学)

JSES-SAGES Joint Session

September 4 (Fri) Room 6 (Conference Center 4F 411+412)

9:40~11:10

Transforming Culture, Strengthening Equity and Training in the Era of Rising Robotic Surgery

Chair Dana Telem (University of Michigan, United States)

Yusuke Watanabe (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University / Institute of Health Science Innovation for Medical Care, Hokkaido University Hospital)

渡邊 祐介 (藤田医科大学先端ロボット・内視鏡手術学講座／北海道大学病院医療・ヘルスサイエンス研究開発機構)

JSS-1 Leading Culture Change: Burnout to Belonging

Dana Telem (University of Michigan, United States)

JSS-2 From Burnout to Belonging: Structural Redesign of Surgical Culture in the Robotic Era

バーンアウトからビロッキングへ：ロボット手術時代における外科文化の構造的再設計

Masanori Isobe (Department of Obstetrics and Gynecology, Gifu University Graduate School of Medicine, Japan)

磯部 真倫 (岐阜大学産婦人科)

JSS-3 Is laparoscopy dead? Adapting training to ensure equitable access to MIS across the globe

Jon Charles Gould (Medical College of Wisconsin Department of Surgery, United States)

JSS-4 Safe Implementation of Robot-Assisted Gastrectomy and Training of Young Surgeons: A Team-Based Educational System

ロボット支援下胃切除の安全な導入と若手外科医育成：チームベース教育システムの構築

Chie Tanaka (Department of Surgery (Gastrointestinal Surgery), Nagoya University Hospital, Japan)

田中 千恵 (名古屋大学医学部附属病院消化器・腫瘍外科)

JSS-5 Redesigning Surgical Training: Lessons Learned

Anne Pugel Ehlers (Department of Surgery, University of Michigan, Ann Arbor, MI, United States)

JSS-6 Surgical training in the era of robotic surgery: our experience and expectations for Surgical Intelligence

ロボット支援手術時代のサージカルトレーニング—当科での経験と Surgical Intelligence への期待

Koichi Suda (Divisions of GI & HPB, Department of Surgery, Fujita Health University, Japan / Collaborative Laboratory for Research and Development in Advanced Surgical Intelligence, Fujita Health University, Japan)

須田 康一 (藤田医科大学医学部総合消化器外科学講座／藤田医科大学医学部高度情報医療外科学共同研究講座)

JSES-ELSA Joint Session

September 4 (Fri) Room 6 (Conference Center 4F 411+412) 16:20~17:50

Disaster in MIS: A Video Horror

Chair Davide Lomanto (Minimally Invasive Surgical Centre, Department of Surgery, NUHS and National University of Singapore)

Kiyotaka Imamura (Abdominal Hernia Center, Yotsuya Medical Cube)
今村 清隆 (四谷メディカルキューブ腹部ヘルニア総合センター)

JELS-1 Troubles and Troubleshooting in Robot-Assisted Gastrectomy

ロボット支援胃切除術における術中トラブルとその対処

Toshiro Tanioka (Department of Gastrointestinal Surgery, Institute of Science Tokyo, Japan)

谷岡 利朗 (東京科学大学消化管外科学分野)

JELS-2 Disasters in Hernia Surgery

Sujith Wijerathne (Department of Surgery, Alexandra Hospital, Singapore)

JELS-3 When things don't go according to plan: Troubleshooting intraoperative mishaps in MIS

予定外の事態への対応：低侵襲手術における術中トラブルの回避とリカバリー

Saseem Poudel (Department of Gastroenterological Surgery II, Hokkaido University, Japan)

パウデルサシーム (北海道大学消化器外科 II)

JELS-4 Navigating the Storm: Managing Disasters in Colorectal Surgery

Alfred Allen Enriquez Buenafe (Cardinal Santos Medical Center, Philippines)

JSES-KSERS Joint Session

September 4 (Fri) Room 6 (Conference Center 4F 411+412) 8:00~9:30

Beyond Borders: Robotic Surgery in UGI and HBP

Chair Kyo Young Song (Department of Surgery, The Catholic University of Korea, Seoul, South Korea)

Kazutaka Obama (Department of Surgery, Kyoto University)
小湊 和貴 (京都大学消化管外科)

JKS-1 Robotic Surgery for Gastric Cancer: Current Standards and Future Directions

Kyo Young Song (Department of Surgery, The Catholic University of Korea, Seoul, South Korea)

- JKS-2 Robotic esophagectomy: Technical refinements for safer surgery**
 ロボット下での食道切除術：より安全で確実な手術に向けた技術の改良
 Takeo Fujita (Division of Esophageal Surgery, National Cancer Center Hospital East, Japan)
 藤田 武郎 (国立がん研究センター東病院食道外科)
- JKS-3 Robotic Liver Resection: Expanding Indications and Technical Standardization**
 Gi Hong Choi (Department of Surgery, Yonsei University College of Medicine, Korea, South Korea)
- JKS-4 Robotic Colorectal Surgery in Japan: Expanding Access for Young Surgeons and Sustainable Training**
 日本におけるロボット大腸手術：若手外科医への裾野拡大と持続可能な教育体制
 Daisuke Yamamoto (Department of Gastrointestinal Surgery/Breast Surgery, Kanazawa University, Japan)
 山本 大輔 (金沢大学附属病院消化管外科)

JSES-TAES Joint Session

September 5 (Sat) Room 3 (Conference Center 5F 502)

9:40~11:15

The Evolution and Diversity of Robotic Surgery in Modern Surgical Practice

Chair Charles Chung-Wei Lin (Department of Surgery, IRCAD, Show Chwan Memorial Hospital)

Shigeki Yamaguchi (Division of Gastrointestinal Surgery, Department of Surgery, Tokyo Women's Medical University)

山口 茂樹 (東京女子医科大学消化器・一般外科)

Welcome Address Charles Chung-Wei Lin (Department of Surgery, IRCAD, Show Chwan Memorial Hospital)

JTS-1 MultiMulti-Platform Robotic Program: Newcomers Other than da Vinci
 Charles Chung-Wei Lin (Department of Surgery, IRCAD, Show Chwan Memorial Hospital)

JTS-2 Transforming Robotic Surgery: From Multi-Port to Single-Port—The Next Evolution of Minimally Invasive Surgery
 Yu Yin Liu (Division of general surgery, department of Surgery, Kaohsiung Chang Gung Memorial hospital, Taiwan)

JTS-3 Optimizing Colorectal Surgery with Multiple Robotic Platforms: Japanese Experience with hinotori
 多機種ロボットを用いた大腸癌手術の最適化：hinotori 導入の日本経験
 Kohei Shigeta (Department of Surgery, Keio University School of Medicine)
 茂田 浩平 (慶應義塾大学医学部一般・消化器外科)

- JTS-4 **Redefining Robotic Surgery as an Ecosystem: Its Core Value in the Era of Centralization**
集約化時代のエコシステムとして再定義するロボット手術の真価：地域医療の現場から
Michitaka Honda (Department of Minimally Invasive Surgical Oncology, Fukushima Medical University, Japan／Department of Surgery, Southern TOHOKU General Hospital, Japan)
本多 通孝（福島県立医科大学低侵襲腫瘍制御学講座／総合南東北病院外科）

Special Program / 特別企画-ノーカットビデオセッション-

September 3 (Thu) Exhibition Hall Special Stage (Exhibition Hall BC) 9:00~10:00

Special Program 1 **Esophagus** 食道

Chair Shinji Mine (Department of Esophageal and Gastroenterological Surgery, Juntendo University Hospital)
峯 真司（順天堂大学医学部附属順天堂医院食道胃外科）

- SP1 “Prophylactic” superior mediastinal lymph node dissection for thoracic esophageal cancer aiming for zero paralysis
麻痺ゼロを目指した胸部食道癌に対する「予防的」上縦隔リンパ節郭清手技
Junya Oguma (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
小熊 潤也（東京医科大学消化器・小兒外科学分野）

September 3 (Thu) Exhibition Hall Special Stage (Exhibition Hall BC) 10:00~11:00

Special Program 2 **Urology** 泌尿器

Chair Kazuhide Makiyama (Department of Urology, Yokohama City University)
楨山 和秀（横浜市立大学泌尿器科）

- SP2 No-cut Video of 3D Image-guided Robot-assisted Partial Nephrectomy
3D 画像支援 RAPN のノーカットビデオ
Nobuyuki Hinata (Department of Urology, Hiroshima University Graduate School of Biomedical and Medical Sciences, Japan)
日向 信之（広島大学大学院医系科学研究科腎泌尿器科学）

Special Program 3 Lung 呼吸器

Chair Takashi Suda (Department of Minimally Invasive Thoracic Surgery,
Fujita Health University Okazaki Medical Center)

須田 隆 (藤田医科大学岡崎医療センター呼吸器外科)

SP3 Review of Surgical Techniques in Three Cases of RATS Lung Resection RATS 肺切除 3 症例の手術手技の検討～葉間作成・気管支処理・上縦隔郭清～

Akira Ogiwara (Department of Thoracic Surgery, Tokyo Women's Medical University,
Japan)

荻原 哲 (東京女子医科大学呼吸器外科)

Special Program 4 Colon 結腸

Chair Hiroyasu Kagawa (Department of Gastrointestinal Surgery, Institute
of Science Tokyo)

賀川 弘康 (東京科学大学消化管外科学分野)

SP4 Robotic Right Hemicolectomy: An Integrated Medial Approach Combining Mobilization and Surgical Trunk Dissection

ロボット支援結腸右半切除術—内側アプローチ法による授動と Surgical trunk 郭清を融合させた手術手技—

Yushi Yamakawa (Division of Gastroenterological Surgery, Nagoya City University
Graduate School of Medical Sciences, Japan)

山川 雄士 (名古屋市立大学大学院消化器外科学)

Special Program 5 Bariatric 肥満

Chair Fumiaki Yano (Department of Surgery, The Jikei University, School of
Medicine)

矢野 文章 (東京慈恵会医科大学外科学講座)

SP5 Laparoscopic sleeve gastrectomy for a patient with severe obesity 高度肥満症例に対する腹腔鏡下スリーブ状胃切除術

Yosuke Seki (Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube,
Japan)

関 洋介 (四谷メディカルキューブ減量・糖尿病外科センター)

Special Program 6 Liver
肝

Chair Satoru Seo (Department of surgery, Kochi Medical School, Kochi University)

瀬尾 智 (高知大学外科学講座)

SP6 Laparoscopic total caudate lobectomy for a patient who had a history of multiple laparotomy

複数回の開腹既往のある患者の再発肝癌に対する腹腔鏡下尾状葉全摘術

Junichi Shindoh (Department of Gastroenterological surgery, Toranomon hospital, Japan)

進藤 潤一 (虎の門病院消化器外科)

Special Program 7 Pancreas
膵

Chair Kenichiro Uemura (Department of Surgery, Hiroshima University)

上村健一郎 (広島大学外科学)

SP7 Robotic pancreaticoduodenectomy for pancreatic head carcinoma: SMA-first dissection using right lateral approach

膵頭部癌に対するロボット支援膵頭十二指腸切除: Right lateral approach による SMA 周囲郭清の実際

Riki Ninomiya (Department of Hepatobiliary-pancreatic Surgery, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan)

二宮 理貴 (がん・感染症センター都立駒込病院肝胆膵外科)

Special Program 8 Pediatric
小児

Chair Osamu Segawa (Department of Pediatric Surgery, Tokyo Women's Medical University Hospital)

世川 修 (東京女子医科大学病院小児外科)

SP8 Laparoscopic Fundoplication: Technical Tips for Obtaining ESSQS Certification
腹腔鏡下噴門形成術—技術認定取得のためのポイント—

Mikihiro Inoue (Department of Pediatric Surgery, Fujita Health University, Japan)

井上 幹大 (藤田医科大学小児外科)

Special Program 9 Hernia**ヘルニア**

Chair Nozomi Ueno (Hernia Center, Saiseikai Suita Hospital)

植野 望 (大阪府済生会吹田病院ヘルニアセンター)

**SP9 TEP Completion Through Layer Recognition and Strategic Membrane Penetration
層認識と膜突破で完遂する TEP**

Yuji Konishi (Department of Surgery, NHO Hokkaido Medical Center, Japan)

小丹枝裕二 (国立病院機構北海道医療センター外科)

Special Program 10 Rectum**直腸**

Chair Shunsuke Tsukamoto (Department of Colorectal Surgery, National Cancer Center Hospital)

塚本 俊輔 (国立がん研究センター中央病院大腸外科)

**SP10 Robotic Lateral Lymph Node Dissection: Surgical Technique and Key Landmarks
ロボット支援側方リンパ節郭清の実際**

Mamoru Uemura (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)

植村 守 (大阪大学大学院医学系研究科消化器外科学)

Special Program 11 Rectum**直腸**

Chair Jun Watanabe (Department of Colorectal Surgery, Kansai Medical University)

渡邊 純 (関西医科大学下部消化管外科学講座)

**SP11 Robotic TME for locally advanced rectal cancer
局所進行直腸癌に対するロボット支援下 TME**

Toshiki Mukai (Division of Colorectal surgery, Cancer Institute Hospital of JFCR, Japan)

向井 俊貴 (がん研究会有明病院大腸外科)

Special Program 12 Stomach 胃

Chair Chikara Kunisaki (Gastroenterological Surgery, JCHO Yokohama
Hodogaya Central Hospital)

國崎 主税 (独立行政法人地域医療機能推進機構横浜保土ヶ谷中央病院消化器外科)

SP12 Single-incision robot-assisted radical gastrectomy for gastric cancer 単孔式ロボット支援胃癌根治術

Hironori Kawada (Department of Surgery, Hyogo Prefectural Amagasaki General
Medical Center, Japan)

川田 洋憲 (兵庫県立尼崎総合医療センター)

Special Program 13 Gynecology 婦人科

Chair Hiroyuki Kobori (Department of Gynecology, Medical Topia Soka
Hospital)

小堀 宏之 (メディカルトピア草加病院婦人科)

SP13 From Learning Curve to Learning Surface in Robot-First Total Laparoscopic Hysterectomy Training

腹腔鏡下子宮全摘出術から見る、直ロボ世代の術式統合：曲線から曲面への学び

Nagamasa Asami (Department of Obstetrics and Gynecology, Toho University Omori
Medical Center, Japan)

浅見 長政 (東邦大学医療センター大森病院産婦人科)

JSES-Federation of Surgical Societies Related to Social Insurance in Japan Joint Session / 外保連・日本内視鏡外科学会共同企画

September 5 (Sat) Room 13 (Conference Center 4F 419)

9:40~11:10

ロボット支援手術は“適正に評価されているか”—診療報酬・アウトカム・教育の
視点から—

Chair Tadasu Kohno (Thoracic Surgery, New Tokyo Hospital)

河野 匡 (新東京病院呼吸器外科)

Osamu Itano (Department of Hepato-Biliary-Pancreatic &
Gastrointestinal Surgery, International University of
Health and Welfare School of Medicine)

板野 理 (国際医療福祉大学医学部消化器外科)

JFS-1 Current situation and issues of robotic surgery -from the viewpoint of Japanese
Health Insurance Federation for Surgery (JHIFS)-

ロボット手術の現状と課題—外保連の立場から—

Yasuyuki Seto (National Cancer Center Hospital, Japan / Japanese Health Insurance
Federation for Surgery)

瀬戸 泰之 (国立がん研究センター中央病院／外科系学会社会保険委員会連合)

JFS-2 Is Robotic Surgery Appropriately Valued? Educational Value Beyond Surgical
Outcomes

ロボット支援手術は“適正に評価されているか”—教育が拓く外科医育成の新たな価値—

Shuji Takiguchi (Department of Gastroenterological Surgery Nagoya City University,
Japan)

瀧口 修司 (名古屋市立大学消化器外科)

JFS-3 The Current State of Robotic Colorectal cancer surgery

下部消化管：普及領域での実態

Yusuke Kinugasa (Department of Gastrointestinal Surgery, Institute of Science Tokyo,
Japan)

絹笠 祐介 (東京科学大学消化管外科学分野)

JFS-4 The Role and Challenges of Robotic-Assisted Inguinal Hernia Repair in the Training
of Young Surgeons

若手外科医のトレーニングにおけるロボット支援鼠径ヘルニア修復術が果たす意義と課題

Gen Shimada (Hernia Center, St. Luke's International Hospital, Japan / Department of
Surgery, St. Luke's International Hospital, Japan)

嶋田 元 (聖路加国際病院ヘルニアセンター／聖路加国際病院消化器・一般外科)

Symposium / シンポジウム

September 2 (Wed) Room 1 (Conference Center 1F Main Hall)

14:40~16:10

[The Working Group on Environmental Issues, the Future Vision Committee of JSES]

[将来構想委員会 環境問題に関するワーキンググループとの共同開催]

Symposium 1 **SDGs and Surgical Care: Ethical, Environmental, and Global Perspectives**

SDGs と外科治療－倫理・環境・グローバルな視点から

Chair Masahiko Watanabe (Department of Surgery, Nishiazabu Medical Clinic)

渡邊 昌彦 (西麻布メディカルクリニック外科)

Koki Otsuka (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University School of Medicine)

大塚 幸喜 (藤田医科大学先端ロボット内視鏡手術学)

SY1-1 **SDGs and Surgical Care: The Bangladesh Perspectives**

Sarder A. Nayeem (Department of Surgery, Japan Bangladesh Friendship Hospital, Dhaka, Bangladesh)

SY1-2 **Our efforts and contributions for sustainable society as a global med-tech company グローバル医療機器メーカーとしてのサステナブルな社会実現への取り組みと貢献**

Hitoshi Minasawa (Olympus Corporation, Japan)

皆澤 仁志 (オリンパス株式会社)

SY1-3 **How Should We Live? Japan and the World, Standing at a Turning Point 我々はどう生きる？変化の岐路に立つ世界と日本で**

Adrian Cabrera Baez (Global Operations Division, Global Operations Department, Saraya Co., Ltd., Japan)

カブレラバエズアドリアン (サラヤ株式会社海外事業本部グローバルオペレーション部)

SY1-4 **Impact of out-of-hours electricity consumption on the environmental footprint of surgical care**

手術室の時間外電力消費が外科治療の環境負荷に与える影響

Yoshimasa Akashi (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Japan)

明石 義正 (筑波大学医学医療系消化器外科)

SY1-5 **Medical Device Development from “Global Surgery” Perspective**

Global surgery という視座からの医療機器開発

Kiyokazu Nakajima (Department of Next Generation Endoscopic Intervention, Graduate School of Medicine, The University of Osaka, Japan)

中島 清一 (大阪大学次世代内視鏡治療学)

SY1-6 **Small Steps Toward Green Surgery: Becoming Surgeons for Planetary Health**

Green surgery への小さな取り組み：Planetary health を考える外科医となるために

Taku Shimada (Department of surgery, Tsudanuma Central General Hospital, Japan/Doctors For Future Japan, Japan)

島田 拓 (津田沼中央総合病院外科／持続可能な社会を考える医療者の会)

SY1-7 Sustainability in Advancing Surgical Practice: Perspectives on Medical Devices, Healthcare Systems, and Global Health

外科医療の持続可能性：デバイス・制度・グローバルヘルスの視点から再考する

Yusuke Watanabe (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University / Hokkaido University Hospital Institute of Health Science Innovation for Medical Care)

渡邊 祐介 (藤田医科大学先端ロボット・内視鏡手術学講座／北海道大学病院医療・ヘルスサイエンス研究開発機構)

September 2 (Wed) Room 1 (Conference Center 1F Main Hall)

16:20~17:50

[The Working Group on Environmental Issues, the Future Vision Committee of JSES]

[将来構想委員会 環境問題に関するワーキンググループとの共同開催]

Symposium 2 Surgeons' Initiatives on Environmental Issues for a Sustainable Society

持続可能な社会を目指すための環境問題に対する外科医の取り組み

Chair Nicole Dorine Bouvy (Department of Surgery, Leiden University Medical Center)

Yoshiharu Sakai (Uji Tokusyukai Hospital)

坂井 義治 (宇治徳洲会病院)

SY2-1 MIS and Sustainability: a Paradigm Shift Toward the Future

Davide Lomanto (Minimally Invasive Surgical Centre, Department of Surgery, NUHS and National University of Singapore)

SY2-2 Advancing Green Operating Rooms through Light Energy Microbubble-Assisted Surgical Instrument Cleaning

光マイクロバブル器具洗浄法を活用した Green OR の推進

Takahiro Hiratsuka (Department of Comprehensive Surgery for Community Medicine, Oita University Faculty of Medicine, Japan)

平塚 孝宏 (大分大学医学部総合外科・地域連携学講座)

SY2-3 Intraoperative microplastic exposure and urinary excretion patterns across surgical procedures

術中マイクロプラスチック曝露と尿中排泄動態の各術式における比較解析

Naoki Fujita (Department of Urology, Hirosaki University Graduate School of Medicine, Japan)

藤田 尚紀 (弘前大学大学院医学研究科泌尿器科学講座)

SY2-4 Safety of Laparoscopic Colorectal Surgery Using Reusable Energy Devices: Toward Stratified Selection

再利用可能エネルギーデバイスを用いた腹腔鏡下大腸手術の安全性と層別化デバイス選択戦略の検討

Takuma Iwai (Department of Gastroenterological Surgery, Nippon Medical School, Japan)

岩井 拓磨 (日本医科大学消化器外科)

- SY2-5 GREEN SURGERY PROJECT “Precision Incisions. Green Decisions”**
 Keita Sato (Saitama Medical University International Medical Center, Japan)
 佐藤 啓太 (埼玉医科大学国際医療センター消化器外科)
- SY2-6 Toward an OR Impact Assessment Framework: Lessons from Medical-Device Life Cycle Assessment**
 手術室の環境影響評価枠組み構築に向けて：医療機器ライフサイクルアセスメントで見た課題
 Shigetake Zenitani (Department of Next Generation Endoscopic Intervention (Project ENGINE), the University of Osaka, Graduate School of Medicine, Japan / Department of Pediatric Surgery, the University of Osaka, Graduate School of Medicine, Japan)
 銭谷 成剛 (大阪大学大学院医学系研究科次世代内視鏡治療学共同研究講座 / 大阪大学大学院医学系研究科外科学講座小児成育外科学)

September 2 (Wed) Room 2 (Conference Center 5F 501)

14:40~16:10

Symposium 3 Current Situation and Issues of Robot-assisted Surgery for Colorectal Cancer

大腸癌に対するロボット支援手術の現状と課題

Chair Shigeki Yamaguchi (Division of Gastrointestinal Surgery, Department of Surgery, Tokyo Women's Medical University)

山口 茂樹 (東京女子医科大学消化器・一般外科)

Soichiro Ishihara (Department of Surgical Oncology, The University of Tokyo)

石原聡一郎 (東京大学腫瘍外科)

- SY3-1 Safety of robotic assisted colorectal surgery**
 Alessandro Fichera (Section of colorectal surgery, Weill Cornell Medicine NYPresbyterian, United States)
- SY3-2 Can LAPCO Inform the Future of Robotic Surgical Training?**
 Mark Giles Coleman (Colorectal Unit, University Hospitals Plymouth UK)
- SY3-3 Watch and Wait Policy to Defer Diverting Stoma after Low Anterior Resection for Rectal Cancer: Robotic Dual Modification of Anastomosis**
 Gyu-Seog Choi (Colorectal Cancer Center, Kyungpook National University Chilgok Hospital / School of Medicine, Kyungpook National University, Daegu, Korea)
- SY3-4 Robotic-assisted surgery for colorectal cancer in Taiwan**
 William Tzu-Liang Chen (Department of Surgery, China Medical University Hsinchu Hospital, Taiwan)
- SY3-5 Robotic Colorectal Surgery in Hong Kong: Current Practices and Future Directions**
 Simon Ng (Division of Colorectal Surgery, Department of Surgery, The Chinese University of Hong Kong, Hong Kong S.A.R., China)
- SY3-6 Laparoscopic Colorectal Surgery/ Is It Truly Obsolete in the Robotic Era?**
 Chucheep Sahakitrungruang (Chulalongkorn University)

- SY3-7** **Current Status and Future Perspectives of Robot-Assisted Colorectal Cancer Surgery in Japan**
日本での大腸癌に対するロボット支援手術の現状と展望
Akio Shiomi (Division of Colon and Rectal Surgery, Shizuoka Cancer Center, Shizuoka, Japan)
塩見 明生 (静岡県立静岡がんセンター大腸外科)
- SY3-8** **Less invasiveness, shorter length of stay and lower payments in robotic abdominoperineal resection**
直腸切断術におけるロボットアプローチの低侵襲性、在院日数短縮と低保険点数
Hiroaki Nozawa (Department of Surgical Oncology, Graduate School of Medicine, The University of Tokyo, Japan)
野澤 宏彰 (東京大学医学部附属病院大腸肛門外科)
- SY3-9** **Robotic-Assisted Surgery for Female Surgeons**
女性外科医にとってのロボット支援手術
Fumi Hasegawa (Department of Surgery, Tokyo-Kita Medical Center, Japan)
長谷川美美 (東京北医療センター)

September 2 (Wed) Room 3 (Conference Center 5F 502)

14:40~16:10

Symposium 4 Techniques for Safe and Reliable Lymph Node Dissection in RANU

RANU における安全で確実なリンパ節郭清の工夫

Chair Yasuo Kohjimoto (Department of Urology, Wakayama Medical University)

柑本 康夫 (和歌山県立医科大学泌尿器科学)

Shuichi Morizane (Division of Urology, Department of Surgery, Faculty of medicine, Tottori University)

森實 修一 (鳥取大学医学部器官制御外科学講座腎泌尿器学分野)

SY4-1 **Tips and Pitfalls of Lymph Node Dissection in Robot-Assisted Nephroureterectomy**
RANU におけるリンパ節郭清のコツとピットホール

Toru Kanno (Department of Urology, National Hospital Organization Kyoto Medical Center, Kyoto, Japan)

寒野 徹 (京都医療センター泌尿器科)

SY4-2 **Technical Tips for Lymph Node Dissection Focused on Complication Prevention in Robot-Assisted Nephroureterectomy**

RANU における合併症予防を意識したリンパ節廓清手技の工夫

Takeshi Yamasaki (Department of Urology, Osaka Metropolitan University, Graduate School of Medicine, Japan)

山崎 健史 (大阪公立大学大学院医学研究科泌尿器病態学)

- SY4-3 Robot-assisted Nephroureterectomy with Neoadjuvant Chemotherapy and Template Lymph Node Dissection
術前補助化学療法およびテンプレートリンパ節郭清を前提としたロボット支援腎尿管全摘除術
Toshinari Yamasaki (Department of Urology, Kobe City Medical Center General Hospital, Japan)
山崎 俊成 (神戸市立医療センター中央市民病院泌尿器科)
- SY4-4 Techniques for Safe and Reliable Lymphadenectomy in Retroperitoneoscopic RANU
後腹膜鏡下 RANU における安全で確実なリンパ節郭清の工夫
Atsunari Kawashima (Department of Urology, Graduate School of Medicine, The University of Osaka, Japan)
河嶋 厚成 (大阪大学大学院医学系研究科器管制御外科学講座 (泌尿器科学))
- SY4-5 Prospects of Precision Surgery via VR, AR, and XR, and Image-Guided Surgical Navigation Addition in Kidney and Ureter Surgery
腎尿管手術における VR/AR/XR による精緻手術と画像手術支援加算ナビゲーションの展望
Maki Sugimoto (Teikyo University Okinaga Research Institute, Japan)
杉本 真樹 (帝京大学沖永総合研究所 Innovation Lab)

September 2 (Wed) Room 5 (Conference Center 5F 511+512) 16:20~17:50

Symposium 5 Frontiers of New Technologies and Complication Prevention in Endoscopic Spine Surgery — Strategies, Education, and Techniques to Enhance Surgical Safety

脊椎内視鏡手術における新技術と合併症予防の最前線 — 安全性を高める工夫と教育・手技

- Chair Akira Dezawa (Orthopedic surgery, Dezawa Akira PED Clinic)
出沢 明 (出沢明 PED クリニック整形外科)
- Yukoh Ohara (Department of Neurosurgery, Juntendo University / Spine and Spinal cord center, Juntendo University Hospital)
尾原 裕康 (順天堂大学脳神経外科 / 順天堂大学附属順天堂医院脊椎脊髄センター)

- SY5-1 Standardization of AFESS Using the 9-O'clock Fixation Technique and Irrigation Control: Technical Refinements for Shortening the Learning Curve and Improving Safety
AFESS における 9 時固定法と灌流制御による手技標準化 — ラーニングカーブ短縮と安全性向上の工夫 —
Koichiro Ono (Department of Orthopedic Surgery, Nippon Medical School, Japan)
小野孝一郎 (日本医科大学整形外科・リウマチ外科)

- SY5-2 The LaRS and E-SAFE Technique Are Useful for Preventing Dural Tear in Unilateral Biportal Endoscopic Spine Surgery (UBE) for Lumbar Spinal Stenosis**
 LaRS 法と E-SAFE 法は腰部脊柱管狭窄症に対する UBE の硬膜損傷予防に有用である
 Seiji Yamaya (Endoscopic Spine Surgery Center, Department of Orthopaedic Surgery, Sendai Nishitaga Hospital, Japan)
 山屋 誠司 (仙台西多賀病院整形外科脊椎内視鏡センター)
- SY5-3 Practical Application of Intraoperative CT-Navigated UBE and Strategies for Improving Safety**
 術中 CT ナビゲーション併用 UBE の実践と安全性向上への工夫
 Toru Doi (Department of Orthopaedic Surgery, Tokyo Women's Medical University, Japan)
 土肥 透 (東京女子医科大学整形外科)
- SY5-4 Unilateral biportal endoscopic trans-Kambin lumbar interbody fusion: Technical strategies to avoid exiting nerve root injury**
 2 孔式脊椎内視鏡手技による経椎間孔アプローチ – 神経損傷を回避する工夫
 Tomohide Segawa (Department of Orthopaedic Surgery, Inanami Spine and Joint Hospital, Japan)
 瀬川 知秀 (稲波脊椎・関節病院)
- SY5-5 PETLIF: Efforts to improve safety and promote the technique**
 全内視鏡下経椎間孔アプローチ腰椎椎体間固定術：PETLIF の現状 – 安全性向上・手技普及のための取り組み –
 Katsuhisa Yamada (Department of Orthopaedic Surgery, Hokkaido University Hospital, Japan)
 山田 勝久 (北海道大学病院整形外科)
- SY5-6 Mechanisms of Screw Deviation and Complication Prevention in Robot-Assisted Endoscopic TLIF (RE-TLIF)**
 Robot-assisted endoscopic TLIF (RE-TLIF) におけるスクリュー逸脱機序の検討と合併症予防
 Yuichi Takano (Department of Orthopaedic Surgery, Inanami Spine and Joint Hospital, Japan)
 高野 裕一 (稲波脊椎・関節病院整形外科)
- SY5-7 Postoperative Outcomes after Trans-Sacral Epiduroscopic Laser Decompression (SELD) in Japanese patients**
 経仙骨的硬膜外内視鏡下腰椎ヘルニアレーザー減圧術の治療および合併症
 Zenya Ito (Department of Orthopaedic Surgery, Aichi Spine Hospital, Japan)
 伊藤 全哉 (あいちせぼね病院整形外科)

Symposium 6 Does Reduced-port RATS Provide Treatment Outcomes Equivalent to or better than Multi-port RATS?

reduce port RATS は multi-port RATS と同等以上の治療成績が得られるか？

Chair Takashi Suda (Department of Thoracic Surgery, Fujita Health University Okazaki Medical Center)

須田 隆 (藤田医科大学岡崎医療センター呼吸器外科)

Naoko Ose (Department of General Thoracic Surgery, The University of Osaka, Japan)

大瀬 尚子 (大阪大学呼吸器外科)

SY6-1 Extrathoracic Single Port Robotic Thoracic Surgery: Expanding Minimally Invasive Horizons

Hyun Koo Kim (Department of Thoracic and Cardiovascular Surgery, South Korea)

SY6-2 The True Potential of da Vinci SP: Balancing Minimal Invasiveness and Safety Compared to da Vinci Xi

da Vinci SP による Single port RATS の真価 ～ da Vinci Xi との比較から見えた低侵襲性と安全性の両立～

Teruhisa Kawaguchi (Department of Thoracic surgery, Mie university hospital, Japan)

川口 瑛久 (三重大学医学部附属病院呼吸器外科)

SY6-3 Implementation and Challenges of Reduced-port Robotic-Assisted Thoracic Surgery at Our Institution

当院における Reduced port RATS 導入の実際と課題

Yugo Tanaka (Division of General Thoracic Surgery and Breast and Endocrine Surgery, Department of Surgery, Tottori University, Japan)

田中 雄悟 (鳥取大学医学部呼吸器・乳腺内分泌外科学分野)

SY6-4 Anterior-Approach 3-port Reduced-port RATS Versus Multi-port RATS

前方アプローチ 3-port RATS と Multi-port RATS の比較

Masato Chiba (Department of Thoracic Surgery, School of Medicine, Kindai University, Osaka, Japan)

千葉 真人 (近畿大学医学部附属病院外科)

SY6-5 Does reduced-port RATS replace multi-port RATS for pulmonary lobectomy and segmentectomy?

Makoto Oda (Department of Thoracic Surgery, Shin-Yurigaoka General Hospital, Japan)

SY6-6 Outcomes of Dual-Portal RATS Compared with Non-Dual-Portal RATS for Lung Cancer: A Single-Institution Experience

当院で実施した肺癌症例に対する Dual-Portal RATS と Non-Dual-Portal RATS の周術期成績の検討

Somei Matsuo (Department of Thoracic Surgery, Nihonkai General Hospital, Japan)

松尾 草明 (日本海総合病院)

- SY6-7 Early Perioperative Outcomes and Systematic Educational Approaches for the Successful Integration of Uni-portal RATS
 単孔式 RATS の早期成績と安定的な導入へ向けたチーム編成と教育の取り組み
 Ryoichiro Doi (Department of Surgery, Nagasaki University, Japan)
 土肥良一郎 (長崎大学外科学講座)
- SY6-8 Initial outcomes of uniportal robotic anatomical lung resection using the da Vinci Xi system
 Da Vinci Xi system を用いた単孔式ロボット支援下解剖学的肺切除術の初期成績
 Daisuke Tochii (Department of Thoracic Surgery, Fujita Health University Okazaki Medical Center, Japan)
 柄井 大輔 (藤田医科大学岡崎医療センター呼吸器外科)
- SY6-9 Initial experience with uniportal robotic-assisted pulmonary resection
 単孔式ロボット支援下肺切除の初期導入成績
 Naoko Ose (Department of General Thoracic Surgery, The University of Osaka, Japan)
 大瀬 尚子 (大阪大学呼吸器外科)

September 2 (Wed) Room 12 (Conference Center 4F 418)

14:40~16:10

Symposium 7 Treatment Strategies for Esophagogastric Junction (EGJ) Cancer

食道胃接合部癌に対する治療戦略

Chair Daisuke Ichikawa (First Department of Surgery, University of Yamanashi)

市川 大輔 (山梨大学第一外科)

Yukinori Kurokawa (Department of Gastroenterological Surgery, The University of Osaka)

黒川 幸典 (大阪大学消化器外科)

SY7-1 Multidisciplinary treatment for EGJ adenocarcinoma

食道胃接合部腺癌に対する集学的治療

Eisuke Booka (Department of Surgery, Hamamatsu University School of Medicine, Shizuoka, Japan / Division of Surgical care, Morimachi, Hamamatsu University School of Medicine, Shizuoka, Japan)

坊岡 英祐 (浜松医科大学医学部外科学第二講座 / 浜松医科大学医学部森町地域包括ケア講座)

SY7-2 Usefulness of intramediastinal esophageal and gastric remnant reconstruction using a thoracic and laparoscopic approach for esophagogastric junction cancer

食道胃接合部癌に対する胸腔鏡腹腔鏡アプローチによる縦隔内食道残胃再建の有用性

Shunsuke Tanabe (Department of Gastroenterological Surgery, Okayama University, Japan)

田辺 俊介 (岡山大学病院消化管外科)

SY7-3 Standardization of a Minimally Invasive Abdominal-Transhiatal Approach for Siewert Type II Esophagogastric Junction Cancer

Siewert type II 食道胃接合部癌に対する経裂肛的低侵襲アプローチの定型化

Yoshitomo Yanagimoto (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)

柳本 喜智 (大阪国際がんセンター消化器外科)

- SY7-4 Reconstruction Methods and Short-Term Outcomes in Minimally Invasive Surgery for Advanced Esophagogastric Junction Cancer**
 進行食道胃接合部癌に対する低侵襲手術の再建方法と治療成績
 Takayuki Tsuji (Department of Gastric Surgery, National Cancer Center Hospital East, Japan)
 辻 貴之 (国立がん研究センター東病院胃外科)
- SY7-5 McKeown Procedure as the Optimal Approach for Esophagogastric Junction Cancer: A Focus on Safety and Standardization**
 安全性・定型化の観点から McKeown 手術が食道胃接合部癌に対する第一選択
 Michitaka Honda (Department of Surgery, Southern TOHOKU General Hospital, Japan / Department of Minimally Invasive Surgical and Medical Oncology, Fukushima Medical University, Japan)
 本多 通孝 (総合南東北病院外科／福島県立医科大学低侵襲腫瘍制御学講座)
- SY7-6 Surgical Treatment Strategy for Esophagogastric Junction Cancer at Our Institution**
 当院における食道胃接合部癌に対する外科的治療戦略
 Masaru Hayami (Department of Gastroenterological Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Japan)
 速水 克 (がん研有明病院)
- SY7-7 Clinical Outcomes of Appetite-Preserving Gastrectomy in Esophagogastric Junction Cancer**
 食道胃接合部癌に対する食欲温存胃切除術の治療成績
 Hiroki Harada (Department of Upper Gastrointestinal Surgery, Kitasato University School of Medicine, Japan)
 原田 宏輝 (北里大学上部消化管外科)

September 2 (Wed) Room 12 (Conference Center 4F 418)

16:20~17:50

Symposium 8 Short- and Mid-Term Outcomes of Robot-Assisted Minimally Invasive Esophagectomy

ロボット支援食道切除術の短期・中期成績

Chair Hiroya Takeuchi (Department of Surgery, Hamamatsu University School of Medicine)

竹内 裕也 (浜松医科大学外科学第二講座)

Mitsuro Kanda (Department of Surgery, Nagoya University Hospital)

神田 光郎 (名古屋大学医学部附属病院消化器・腫瘍外科)

- SY8-1 Standardization of robot-assisted esophagectomy: Short- and mid-term outcomes**
 ロボット支援食道切除術の標準化と短期・中期成績

Satoru Matsuda (Department of Surgery, Keio University School of Medicine, Japan)

松田 諭 (慶應義塾大学医学部外科学 (一般・消化器))

- SY8-2 Short- and Medium-Term Outcomes Following Robot-Assisted Esophagectomy at the Cancer Institute Hospital: What Are the True Benefits of Robotics?**

がん研におけるロボット支援食道切除後の短期・中期成績 ―ロボットの真のメリットとは?―

Jun Kanamori (Department of Esophageal Surgery, Cancer Institute Hospital of JFCR, Japan)

金森 淳 (がん研有明病院食道外科)

- SY8-3** Mid- and Long-term Outcomes of Robot-assisted Esophagectomy Based on Propensity Score-Matched Analysis and Its Utility and Surgical Techniques in cT4 Disease: Comparison with Thoracoscopic approach
PS マッチ解析によるロボット支援食道切除術の中・長期成績と cT4 症例における有用性—胸腔鏡手術との比較—
Tomoki Makino (Department of Gastroenterological Surgery, Graduate School of Medicine, The University of Osaka, Japan)
牧野 知紀 (大阪大学医学部消化器外科)
- SY8-4** Utility of Robotic McKeown Esophagectomy (RAMIE): An Analysis Based on Textbook Outcome (TO)
McKeown ロボット食道切除の有用性— Textbook Outcome (TO) による解析 —
Shirou Kuwabara (Department of Digestive Surgery, Niigata City General Hospital, Japan)
桑原 史郎 (新潟市民病院消化器外科)
- SY8-5** A Comparison of Clinical Outcomes of RAMIE and CMIE in Patients with a Narrow Mediastinum
狭縦隔症例におけるロボット支援下食道切除術の有用性の検討
Yasufumi Koterazawa (Division of Gastrointestinal Surgery, Department of Surgery, Kobe University Graduate School of Medicine, Japan)
小寺澤康文 (神戸大学大学院医学研究科食道胃腸外科)
- SY8-6** Short- and Mid-term outcomes of robot-assisted minimally invasive esophagectomy
ロボット支援食道切除術の短期・中期成績
Shigeru Tsunoda (Department of Surgery, Kyoto University, JAPAN)
角田 茂 (京都大学消化管外科)
- SY8-7** Short- and Mid-Term Outcomes of Robotic-Assisted Esophagectomy Compared with Thoracoscopic Esophagectomy
ロボット支援食道切除術の短期および中期成績 —胸腔鏡下食道切除術との比較—
Naoaki Maeda (Department of Gastroenterological Surgery, Okayama University, Okayama, Japan)
前田 直見 (岡山大学病院消化器外科)
- SY8-8** Clinical Impact of Robot-Assisted Minimally Invasive Esophagectomy: A Comparative Study with Conventional MIE on Short- and Mid-to-Long-Term Outcomes
食道癌手術における RAMIE の妥当性：MIE との比較による短期成績および中長期予後
Naoto Ujiie (Division of Surgery, Tohoku University, Japan)
氏家 直人 (東北大学病院総合外科)
- SY8-9** Clinical Advantages of Robot-Assisted Esophagectomy in Short- to Mid-Term Outcomes
ロボット支援下食道切除術の短中期成績からみたロボット手術の利点
Yasue Kimura (Department of Gastroenterological Surgery, NHO Kyushu Cancer Center, Japan)
木村 和恵 (九州がんセンター消化管外科)

Symposium 9 World Trends in Metabolic and Bariatric Surgery

減量・代謝改善手術における世界の現状

Chair Seigo Kitano (Oita University)

北野 正剛 (大分大学)

Kazunori Kasama (Weight loss and metabolic surgery center,
Yotsuya Medical Cube)

笠間 和典 (四谷メディカルキューブ減量・糖尿病外科センター)

- SY9-1 It's Getting Complicated: The Evolving Role of the Surgeon in Treating Patients Living with Obesity**
Christopher Schlachta (Schulich School of Medicine and Dentistry, Western University, Canada)
- SY9-2 Is surgery still gold standart in the treatment of the obesity in Middle Asian region**
Gurbankhan Muslumov (Department of Minimally invasive surgery, Scientific Research Center of Surgery, Azerbaijan/Olimp Hospital, Baku, Azerbaijan)
- SY9-3 Where Are We Heading? Global and Korean Trends in Metabolic and Bariatric Surgery**
Soo Min Ahn (Department of Pediatric Surgery, Bariatric & Metabolic Surgery Center, Gangnam Severance Hospital, Yonsei University Medical College, Seoul, Korea)
- SY9-4 Current Status and Future Strategies of Metabolic and Bariatric Surgery in Japan
我が国における減量・代謝改善手術の現状と今後の戦略**
Takashi Oshiro (Department of Surgery, The Jikei University School of Medicine, Tokyo, Japan)
大城 崇司 (東京慈恵会医科大学消化管外科)
- SY9-5 Strategy of Bariatric Endoscopic Therapy in the Post GLP-1 Era
アフター GLP-1 における肥満内視鏡治療の戦略**
Kodai Takahashi (Tokyo Takahashi Clinic Nerima, Japan)
高橋 昂大 (東京たかはしクリニック練馬院外科)

Symposium 10 Robot-Assisted Partial Nephrectomy: What Would You Do in This Situation?

ロボット支援腎部分切除術～こんなときどうする？～

Chair Toshio Takagi (Department of Urology, Tokyo Women's Medical University)

高木 敏男 (東京女子医科大学泌尿器科)

Fumiya Hongo (Omihachiman Community Medical Center)

本郷 文弥 (近江八幡市立総合医療センター)

SY10-1 (Keynote Lecture)

Robot-Assisted Partial Nephrectomy: What Would You Do in This Situation?

Tae Hyo Kim (The department of urology, Donga University, Busan, South Korea)

SY10-2 Surgical Techniques, Key Considerations, and Practical Tips for Robot-Assisted Partial Nephrectomy for Large Renal Tumors

大きい腫瘍に対する RAPN の手術方法・注意点・工夫

Kojiro Ohba (Department of Urology, Nagasaki University Graduate School of Biomedical Sciences, Japan)

大庭康司郎 (長崎大学大学院医歯薬学総合研究科泌尿器科学)

SY10-3 Tips and Pitfalls in Robot-Assisted Partial Nephrectomy with the Da Vinci SP Surgical System

Da Vinci SP サージカルシステムによるロボット支援腎部分切除術での Tips & Pitfall

Shinichiro Higashi (Department of Nephro-Urologic Surgery and Andrology, Mie University Hospital)

東 真一郎 (三重大学医学部附属病院腎泌尿器外科)

SY10-4 A Tumor Resection Strategy to Reduce Bleeding and Urinary Leakage: Off-Clamp Enucleation for Hilar Renal Tumors

止血困難な出血や尿漏を軽減するための腫瘍切離の工夫：腎門部腫瘍における無阻血核出術

Tomokazu Sazuka (Department of Urology, Graduate School of Medicine, Chiba University, Japan)

佐塚 智和 (千葉大学大学院医学系研究科泌尿器科学)

SY10-5 Prevention and Management of Urinary Leakage After Partial Nephrectomy

尿漏を起こさないための工夫と起こった時の対処

Kazuyuki Numakura (Department of Renal and Urologic Surgery, Asahikawa Medical University)

沼倉 一幸 (旭川医科大学腎泌尿器外科学講座)

SY10-6 Perioperative Bleeding Complications During Robot-Assisted Partial Nephrectomy - Prevention and Troubleshooting of Intraoperative Hemorrhage and Postoperative Pseudoaneurysm -

周術期における出血トラブル (術中出血、術後の仮性動脈瘤) の予防と対処法

Kazuhiko Yoshida (Department of Urology, Tokyo Women's Medical University, Japan)

吉田 一彦 (東京女子医科大学泌尿器科)

Symposium 11 Laparoscopic Cholecystectomy with Zero Morbidity morbidity 0 の腹腔鏡下胆嚢摘出術

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

梅澤 昭子 (四谷メディカルキューブきずの小さな手術センター外科・内視鏡外科)

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

渡邊 学 (東邦大学医療センター大橋病院外科)

SY11-1 Technical Strategies for Early Laparoscopic Cholecystectomy in Acute Cholecystitis Aimed at Achieving Zero Complications

合併症ゼロを目指した急性胆嚢炎に対する早期腹腔鏡下胆嚢摘出術の工夫

Koji Asai (Department of Surgery, Toho University Ohashi Medical Center, Japan)

浅井 浩司 (東邦大学医療センター大橋病院外科)

SY11-2 Our Institutional Efforts Toward Standardizing Laparoscopic Cholecystectomy 腹腔鏡下胆嚢摘出術の定型化に向けた当院の取り組み

Yusuke Nakayama (Department of Surgery, Uji Tokusyukai Medical Center, Japan)

中山 雄介 (宇治徳洲会病院消化器外科)

SY11-3 Usefulness of Laparoscopic Subtotal Cholecystectomy: An Analysis Using the Hiroshima Surgical Study Group of Clinical Oncology database

広島臨床腫瘍外科研究グループ (HiSCO) のデータベースを用いた腹腔鏡下胆嚢亜全摘術の有用性に関する検討

Takahiro Fukuda (Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Science, Hiroshima University, Japan)

福田 崇博 (広島大学病院)

SY11-4 ICG fluorescence cholangiography in laparoscopic cholecystectomy 腹腔鏡下胆嚢摘出術における ICG 蛍光法による胆道評価

Yasuhiro Kawanishi (Department of Surgery, Kochi Medical School, Kochi University, Japan)

SY11-5 Validation of the Ogaki Scoring System for Safe Laparoscopic Cholecystectomy 安全な腹腔鏡下胆嚢摘出術を目指した大垣スコアリングの検証

Takahiro Maehata (Division of Surgery, Ogaki Municipal Hospital, Japan)

前畑 昂洋 (大垣市民病院外科)

SY11-6 Laparoscopic cholecystectomy using continuous dissection along the SS-inner layer SS-Inner 層の剥離を追求した腹腔鏡下胆嚢摘出術

Yusuke Kawamoto (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Japan)

川本 裕介 (東京女子医科大学消化器・一般外科)

Symposium 12 The Cutting Edge of Minimally Invasive Pancreaticoduodenectomy for Pancreatic Head Cancer

膵頭部癌に対する低侵襲膵頭十二指腸切除の最前線

Chair Horacio Asbun (Hepatobiliary and Pancreas Surgery, Miami Cancer Institute)

Akio Saiura (Department of Hepato-Biliary-Pancreatic Surgery, Juntendo University)

齋浦 明夫 (順天堂大学肝・胆・膵外科)

SY12-1 Improving outcomes on MIS left Pancreatectomy

Horacio Asbun (Hepatobiliary and Pancreas Surgery, Miami Cancer Institute)

SY12-2 Robotic pancreatoduodenectomy (PD) using the artery-first approach (AFA)

Palanivelu Chinnusamy (GEM Hospital and Research Centre, India)

SY12-3 Minimally invasive pancreaticoduodenectomy for pancreatic head cancer and challenging cases

Safi Dokmak (HPB surgery and liver transplantation, France)

SY12-4 Is Portal Vein Resection Feasible in Robotic Pancreaticoduodenectomy for Pancreatic Head Cancer?

A Five-Year Experience and Future Perspectives

膵頭部癌に対する門脈合併切除はロボットで実施可能か？過去5年間の経験と今後の展望

Yosuke Inoue (Division of HBP Surgery, Department of Surgery, School of Medicine, Teikyo University, Japan / Division of HBP Surgery, Cancer Institute Hospital, Japan)

井上 陽介 (帝京大学医学部外科学講座 / がん研有明病院肝胆膵外科)

SY12-5 Outcomes of Laparoscopic/Robot-Assisted Resection for Pancreatic Head Cancer

膵頭部癌に対する腹腔鏡 / ロボット支援下切除後の成績

Tomohiko Adachi (Department of Surgery, Nagasaki University, Japan)

足立 智彦 (長崎大学外科学講座)

Symposium 13 Indications and Approaches for Minimally Invasive Pancreatectomy in Advanced Pancreatic Cancer 進行膵癌に対する低侵襲膵切除術の適応とアプローチ法

Chair Yuichi Nagakawa (Department of Gastrointestinal and Pediatric
Surgery, Tokyo Medical University)

永川 裕一 (東京医科大学消化器・小児外科学分野)

Takeshi Gocho (Department of surgery, Jikei University School of
Medicine)

後町 武志 (東京慈恵会医科大学肝胆膵外科)

**SY13-1 Safety and Indications of Robotic Pancreatic Resection for Advanced Pancreatic
Cancer Requiring Vascular Resection**

血管合併切除を要する進行膵癌に対するロボット膵切除の安全性と適応

Mamoru Morimoto (Department of Gastroenterological Surgery, Keiyukai Sapporo
Hospital, Japan)

森本 守 (恵佑会札幌病院)

**SY13-2 Surgical Approaches to Minimally Invasive Pancreaticoduodenectomy in Pancreatic
Cancer**

膵癌に対する低侵襲膵頭十二指腸切除術に対するアプローチ法の定型化

Takahiro Nishio (Department of Surgery, Graduate School of Medicine, Kyoto
University, Japan)

西尾 太宏 (京都大学医学部附属病院肝胆膵・移植外科)

**SY13-3 Feasibility of laparoscopic pancreaticoduodenectomy for pancreatic ductal
adenocarcinoma**

浸潤性膵管癌に対する腹腔鏡下膵頭十二指腸切除術の有用性

Atsuyuki Maeda (Department of Digestive Surgery, Ogaki Municipal Hospital, Japan)

前田 敦行 (大垣市民病院外科)

**SY13-4 Utility of the SMV-Final Dissection Approach in Robot-Assisted
Pancreatoduodenectomy for Advanced Pancreatic Cancer**

進行膵癌に対するロボット支援膵頭十二指腸切除術における SMV-final dissection
approach の有用性

Moe Matsumoto (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical
University, Japan)

松本 萌 (東京医科大学消化器・小児外科学分野)

**SY13-5 Surgical Approaches in Robotic Pancreatic Resection for Advanced Pancreatic
Cancer**

進行膵癌に対するロボット支援膵切除におけるアプローチ法

Kohei Nakata (Department of Surgery and Oncology, Kyushu University, Japan)

仲田 興平 (九州大学病院臨床・腫瘍外科)

SY13-6 Refined and Safe Approach to Uncinate Process Pancreatic Cancer Using the Left Posterior Approach

Left posterior approach による膵鉤部癌への精緻・安全なアプローチ

Yosuke Inoue (Division of HBP Surgery, Department of Surgery, School of Medicine, Teikyo University, Japan / Division of HBP Surgery, Cancer Institute Hospital, Japan)

井上 陽介 (帝京大学医学部外科学講座 / がん研有明病院肝胆膵外科)

September 3 (Thu) Room 1 (Conference Center 1F Main Hall)

9:00~10:35

Symposium 14 What Has Robotics Brought to Endoscopic Surgery?

内視鏡外科にロボットは何をもたらしたか？

Chair Yasuyuki Seto (Division of Esophageal & Gastric Surgery, National Cancer Center Hospital)

瀬戸 泰之 (国立がん研究センター中央病院食道外科・胃外科)

Masatoshi Eto (Department of Urology, Kyushu University)

江藤 正俊 (九州大学泌尿器科)

SY14-1 (Keynote Lecture)

From First Steps to Standard Practice: The Rise of Robotics in Surgery

Carlos Alberto Pellegrini (Department of Surgery, University of Washington)

SY14-2 Clinical Significance of Robot-Assisted Surgery for Colon Cancer: Short-Term Outcomes from a Large Real-World Study

結腸癌に対するロボット支援下手術の意義—大規模リアルワールドデータによる短期成績の検討—

Marie Hanaoka (Department of Gastrointestinal Surgery, Institute of Science Tokyo, Japan)

花岡まりえ (東京科学大学消化管外科分野)

SY14-3 What are the advantages of robotic approach for gastric cancer surgery?

手術支援ロボットが胃癌外科治療にもたらしたアドバンテージは何か

Kazutaka Obama (Department of Surgery, Kyoto University Graduate School of Medicine, Japan)

小濱 和貴 (京都大学大学院医学研究科消化管外科)

SY14-4 Evidence of robotic surgery for rectal cancer

直腸癌に対するロボット手術のエビデンス

Koya Hida (Department of Surgery, Kyoto University Hospital, Japan)

肥田 侯矢 (京都大学医学部附属病院消化管外科)

SY14-5 Impact of Robots on Uterine Cancer Surgery ~ Past and Future ~

ロボットが子宮がん手術に与えるインパクト ~これまでとこれから~

Hiroaki Kobayashi (Robotic Surgery Center, Munakata Suikokai General Hospital, Japan)

小林 裕明 (宗像水光会総合病院ロボット手術センター)

- SY14-6 Clinical Contributions and Evolution of Robot-Assisted Radical Cystectomy**
ロボット支援下膀胱全摘除術の臨床的貢献と進化
 Takashi Matsumoto (Department of Urology, Graduate School of Medical Sciences,
 Kyushu University, Japan)
 松元 崇 (九州大学大学院医学研究院泌尿器科学分野)
- SY14-7 Advantages and Evaluation of Robotic Surgery Based on Engineering Medical**
Collaborative Research in Endoscopic Surgery
医工連携の内視鏡外科手術研究から考えるロボット支援手術のメリットと評価方法
 Yuji Nishizawa (Department of Colorectal Surgery, National Cancer Center Hospital
 East, Japan)
 西澤 祐吏 (国立がん研究センター東病院)

September 3 (Thu) Room 1 (Conference Center 1F Main Hall) 14:00~15:30

Symposium 15 The Future of Endoscopic Surgery Pioneered by AI **AIが切り拓く内視鏡外科の未来**

Chair Masaaki Ito (Department of Colorectal Surgery, National Cancer
 Center Hospital East / Department for the Promotion of
 Medical Device Innovation, National Cancer Center
 Hospital East)

伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病
 院医療機器開発推進部門)

Kazutaka Obama (Department of Surgery, Kyoto University)
 小濱 和貴 (京都大学消化管外科)

- SY15-1 Development of an AI System for Gynecologic Organ Analysis and Its Clinical**
Applications
婦人科臓器解析 AI の開発とその臨床・教育応用
 Azusa Sakurai (Department of Gynecology and Obstetrics, School of Medicine, Kyoto
 University Graduate, Japan)
 櫻井 梓 (京都大学医学部附属病院産婦人科)
- SY15-2 Surgical-VLM: Pioneering Multimodal Generative AI for Surgical Decision Support**
手術支援用対話式生成 AI「Surgical-VLM」の可能性
 Jumpei Ikeda (Department of Surgery, Keio University School of Medicine, Tokyo,
 Japan)
 池田 惇平 (慶應義塾大学病院一般・消化器外科)
- SY15-3 Auto Liver Tracking: An Industry-Academia Model for Scalable AI-Based**
Intraoperative Image Alignment
3D 画像連動ビューア Auto Liver Tracking の開発：臨床課題起点の産学連携による鏡
視下映像解析 AI
 Takeshi Takamoto (Hepato-Biliary-Pancreatic Surgery Division, Artificial Organ and
 Transplantation Division, University of Tokyo, Japan)
 高本 健史 (東京大学医学部附属病院肝胆膵・人工臓器移植外科)

- SY15-4 Minimum Invasive HBP surgery in the Era of Color-Coded Navigation: Integration of ICG Fluorescence and AI**
ICG 蛍光と AI が切り拓く Color-Coded Navigation 時代の低侵襲肝胆膵手術
 Yoshihiko Tashiro (Division of Gastroenterological and General Surgery, Department of Surgery, School of Medicine, Showa Medical University, Japan)
 田代 良彦 (昭和医科大学外科学講座消化器一般外科学部門)
- SY15-5 Automated High-Speed Surgical Assistance Integrating Physical AI and Spatial Computing for Complex Lap-Robot HBP Surgery**
Physical AI と Spatial Computing による高難度肝胆膵内視鏡 / ロボット手術における自動高速画像手術支援
 Maki Sugimoto (Innovation Lab, Teikyo University Okinaga Research Institute, Japan)
 杉本 真樹 (帝京大学冲永総合研究所 Innovation Lab)
- SY15-6 Toward the Clinical Implementation of AI in Surgery**
外科領域における AI の社会実装に向けて
 Nobuyoshi Takeshita (Division of Surgical Technology, National Cancer Center, Japan / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East, Japan / Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)
 竹下 修由 (国立がん研究センター手術機器開発分野 / 国立がん研究センター東病院医療機器開発推進部門 / 国立がん研究センター東病院大腸外科)

September 3 (Thu) Room 2 (Conference Center 5F 501)

9:00~10:30

Symposium 16 Various Approaches to Technical Certification and Performance Evaluation

技術認定と技術評価のさまざまなアプローチ

- Chair Toshiyuki Mori** (Department of Gastroenterological Surgery, Kyorin University)
 森 俊幸 (杏林大学消化器外科)
- Masafumi Inomata** (Department of Gastroenterological and Surgery, Oita University)
 猪股 雅史 (大分大学消化器・小兒外科学講座)

- SY16-1 Skill Training and Performance Evaluation for Laparoscopic Colorectal Surgery in Thailand**
 Vitoon Chinswangwatanakul (Minimally Invasive Surgery Unit, Division of General Surgery, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand / Laparoscopic and Endoscopic Surgeons of Thailand (LEST), Bangkok, Thailand / Mekong Endo-Surgery Development Association (MESDA), Bangkok, Thailand)
- SY16-2 The Current Status and Future of Robot-Assisted Surgery in the JSES Endoscopic Surgical Skill Qualification System**
JSES 技術認定制度におけるロボット支援手術の現状と未来
 Hiroya Kuroyanagi (Toranomon Hospital, Department of Colorectal Surgery, Japan)
 黒柳 洋弥 (虎の門病院消化器外科)

- SY16-3 Clinical Impact and Surgical Skill Evaluation in the JSES Qualification System for Gastric Surgery**
内視鏡外科胃領域における技術認定制度の臨床的意義と技術評価
 Daisuke Ichikawa (First Department of Surgery, Faculty of Medicine, University of Yamanashi, Japan)
 市川 大輔 (山梨大学医学部第一外科)
- SY16-4 Can surgical skill certification reduce operative mortality? - an analysis based on the National Clinical Database**
技術認定は手術関連死亡を減らしうるか — NCD に基づく検証
 Takeyuki Misawa (Department of Surgery, Saitama Sekishinkai Hospital, Japan)
 三澤 健之 (埼玉石心会病院外科)
- SY16-5 Current Status and Challenges in Technical Assessment of the JSES Endoscopic Surgical Skill Qualification in Colorectal Surgery**
大腸内視鏡外科技術認定制度における技術評価の現状と課題
 Suguru Hasegawa (Department of Gastroenterological Surgery, Fukuoka University, Japan)
 長谷川 傑 (福岡大学医学部消化器外科)
- SY16-6 Role of Endoscopic Surgical Skill Qualification-Certified Surgeons in Surgery for High-Risk Patents**
ハイリスク症例における内視鏡外科学会技術認定取得医手術参加の有用性
 Nobuki Ichikawa (Department of Gastroenterological Surgery 1, Graduate School of Medicine, Hokkaido University, Sapporo, Japan)
 市川 伸樹 (北海道大学大学院医学研究院消化器外科学教室 1)
- SY16-7 Development of an Artificial Intelligence-Driven System for Intraoperative Guidance and Technical Difficulty Assessment in Laparoscopic Cholecystectomy**
AI を活用した腹腔鏡下胆嚢摘出術における手術支援および技術難度評価システムの開発
 Masahiro Kawamura (Department of Gastroenterological and Pediatric Surgery, Faculty of Medicine, Oita University, Japan / Department of Advanced Gastrointestinal Cancer Medicine, Faculty of Medicine, Oita University, Oita, Japan)
 河村 昌寛 (大分大学消化器・小児外科 / 大分大学医学部消化器がん先端診療学講座)
- SY16-8 Development of an AI-Powered Automated Skill Evaluation System for Endoscopic Surgery and Future Prospects**
内視鏡外科手術における AI 自動技術評価システムの開発と今後の展望
 Masaaki Ito (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East, Japan)
 伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病院医療機器開発推進部門)

[Diversity, Equity & Inclusion Committee]

[Diversity, Equity & Inclusion 委員会との共同開催]

Symposium 17 Diversity in the Operating Room: Working Together Across Gender and Generations

手術室の多様性：ジェンダーと世代を越えて共に働くということ

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

梅澤 昭子 (四谷メディカルキューブきずの小さな手術センター外科・内視鏡外科)

Naoki Hiki (Department of Upper Gastrointestinal Surgery, Kitasato University School of Medicine)

比企 直樹 (北里大学医学部上部消化管外科)

Special Comment Sallie Matthews (SAGES Executive Director, SAGES)

SY17-1 Diversity-Driven OR Future: Vietnamese Nurse Collaboration & Cultural Change in a Regional Hospital

多様性が拓く手術室の未来：地方中核都市中規模病院におけるベトナム人看護師との協働と組織文化の変容

Tomohiro Kurokawa (Department of Surgery, Jyoban Hospital of Tokiwa foundation, Japan / Department of Medical Epigenomics Research, Fukushima Medical University, Japan)

黒川 友博 (ときわ会常磐病院外科 / 福島県立医科大学エピゲノム分子医学研究講座)

SY17-2 Implementation of a Novice Nurse Training Program Using Mutual Evaluation Between Surgeons and Scrub Nurses

執刀医と手術室器械出し看護師の相互評価による新人看護師トレーニングの導入

Akihiro Suzuki (Gastroenterological Surgery, St. Luke's International Hospital, Japan)

鈴木 研裕 (聖路加国際病院消化器・一般外科)

SY17-3 See, Talk, and Learn: Enhancing Operating Room Communication - Collaboration Between Surgeons and Nurses Through Shared Surgical Imaging and Preoperative Briefings Using ICT Tools

「見て・話して・学ぶ」手術室コミュニケーションー ICT ツールと術前ブリーフィングが生み出す協働ー

Hisanori Miki (Kansai Medical University Medical Center, Colorectal Surgery, Japan)

三城 弥範 (関西医科大学総合医療センター下部消化管外科)

SY17-4 Collaboration in the Operating Room: An Anesthesiology Perspective

多様化する手術室における新たな協働の可能性ー麻酔科の視点

Yasuko Nagasaka (Department of Anesthesiology, Tokyo Women's Medical University, Tokyo, Japan)

長坂 安子 (東京女子医科大学麻酔科)

SY17-5 Changing Operating Rooms, Changing Surgeons: The Current Landscape of Diversity under Workstyle Reform

変わる手術室、変わる外科医像ー働き方改革がもたらす多様性の現在地ー

Aoi Fujikawa (Kurume University, Japan)

藤川 葵 (久留米大学)

Symposium 18 Is Robotic Liver Resection Superior to Laparoscopic Liver Resection?

ロボ肝はラパ肝を上回るか？

Chair Ki-Hun Kim (Liver transplantation and Hepatobiliary surgery, Asan Medical Center / University of Ulsan)

Go Wakabayashi (Department of Surgery, Ageo Central General Hospital)

若林 剛 (上尾中央総合病院外科)

SY18-1 Is robotic liver resection superior to laparoscopic liver resection?

Ki-Hun KIM (Asan Medical Center / University of Ulsan)

SY18-2 Microdosing ambiliary ICG

Horacio Asbun (Hepatobiliary and Pancreas Surgery, Miami Cancer Institute)

SY18-3 Pushing up the Boundary of Minimally Invasive Hepatectomy

ロボットが押し広げる低侵襲肝切除の限界

Yoshihiro Mise (Department of Hepatobiliary Pancreatic Surgery, Juntendo University Hospital, Japan)

三瀬 祥弘 (順天堂大学医学部附属病院肝胆膵外科)

SY18-4 The Role and Future Perspective of Robotic Liver Resection in Minimally Invasive Liver Resection

低侵襲肝切除におけるロボット支援下肝切除術の役割と将来展望

Yusuke Nie (Ageo Central General Hospital, Japan)

贅 裕亮 (上尾中央総合病院外科)

SY18-5 Outcomes of minimally invasive liver surgery

低侵襲肝切除術の現況と展望

Shinji Itoh (Department of Surgery and Science, Graduate School of Medicine, Kyushu University, Japan)

伊藤 心二 (九州大学大学院消化器・総合外科)

SY18-6 Efficacy of robotic surgery in anatomical liver resection

高難度肝切除におけるロボット支援手術の有用性

Takao Ide (Department of Surgery, Saga University Faculty of Medicine, Japan)

井手 貴雄 (佐賀大学医学部一般・消化器外科)

SY18-7 What is the usefulness of robot-assisted anatomical liver resection?

解剖学的肝切除におけるロボット支援下肝切除の有用性はどこにあるか

Mariko Tsukagoshi (Division of Hepatobiliary and Pancreatic Surgery, Department of General Surgical Science, Gunma University Graduate School of Medicine, Japan)

塚越真梨子 (群馬大学大学院総合外科学講座肝胆膵外科)

SY18-8 Randomized Robotic vs. Laparoscopic Liver Resection Trial (ROBOLIVER trial)

腹腔鏡下肝切除術 vs. ロボット支援下肝切除術：多施設共同ランダム化比較試験

Akira Umemura (Department of Surgery, School of Medicine Iwate Medical University, Japan)

梅邑 晃 (岩手医科大学医学部外科学講座)

Symposium 19 Clinical Outcomes of Robot-assisted Thoracoscopic Pulmonary Segmentectomy

ロボット支援胸腔鏡下肺区域切除の治療成績

Chair Hiroshige Nakamura (Department of General Thoracic Surgery, Matsue Red Cross Hospital)

中村 廣繁 (松江赤十字病院呼吸器外科)

Masato Kanzaki (Department of Thoracic Surgery, Tokyo Women's Medical University)

神崎 正人 (東京女子医科大学呼吸器外科)

SY19-1 (Keynote Lecture)

Segmentectomy versus lobectomy for early-stage NSCLC

Wentao Fang (Department of Thoracic Surgery, Shanghai East Hospital, China)

SY19-2 Robotic-assisted tailor-made segmentectomy aimed at standardization

標準化を目指したロボット支援個別化肺区域切除

Toshiki Yajima (Department of General Thoracic Surgery, Faculty of Medicine, Kagawa University, Japan)

矢島 俊樹 (香川大学医学部呼吸器・乳腺内分泌外科)

SY19-3 Perioperative outcomes of robotic-assisted thoracic surgery segmentectomy for primary lung cancer: A Propensity Score-Matched Comparison with Video-Assisted Thoracic Surgery'

当院における原発性肺癌に対する RATS 肺区域切除の周術期成績 -VATS との比較 -

Akinobu Ida (Department of General Thoracic Surgery, Japanese Red Cross Maebashi Hospital, Japan)

井田 晃頌 (前橋赤十字病院呼吸器外科)

SY19-4 Perioperative outcomes of pulmonary segmentectomy by robot-assisted thoracoscopic surgery for lung cancer

原発性肺癌に対するロボット支援下肺区域切除術の周術期成績

Shota Mitsuboshi (Department of Thoracic Surgery, Tokyo Women's Medical University, Japan)

光星 翔太 (東京女子医科大学呼吸器外科)

SY19-5 Robotic-assisted versus video-assisted thoracoscopic pulmonary segmentectomy: a comparative analysis of postoperative complications

当院における肺区域切除の周術期治療成績について

Satoshi Iwasawa (Department of Thoracic Surgery, Kurashiki Central Hospital, Japan)

岩澤 光哲 (倉敷中央病院呼吸器外科)

SY19-6 Clinical Outcomes of Robotic-Assisted Thoracoscopic Segmentectomy for Lung Cancer

ロボット支援胸腔鏡下肺区域切除の治療成績

Kimihito Shimizu (Division of General Thoracic Surgery, Department of Surgery, Shinshu University School of Medicine, Japan)

清水 公裕 (信州大学医学部外科学教室呼吸器外科学分野)

Symposium 20 MIS Using New Surgical Robots**新規ロボットを用いた MIS**

Chair Hirokazu Noshiro (Department of Surgery, Saga University)

能城 浩和 (佐賀大学一般・消化器外科)

Koichi Suda (Divisions of GI & HPB, Department of Surgery, Fujita Health University)

須田 康一 (藤田医科大学総合消化器外科)

SY20-1 Initial experience with hinotori-assisted minimally invasive esophagectomy in an experienced center: Surgical outcomes and learning curve

hinotori 支援下食道癌手術の初期導入経験：短期成績とラーニングカーブの検討

Shigeru Tsunoda (Department of Surgery, Kyoto University, Japan)

角田 茂 (京都大学消化管外科)

SY20-2 Short-term Outcomes of RAMIE Using the Domestically Developed Surgical Robot hinotori: Comparison with da Vinci RAMIE

国産手術支援ロボット hinotori を用いた RAMIE の短期成績～ daVinci RAMIE との比較～

Shunsuke Hayakawa (Department of Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)

早川 俊輔 (名古屋市立大学附属病院消化器・一般外科)

SY20-3 Initial Experience of Right Subcostal Approach Esophagectomy Using the Da Vinci SP System

Da Vinci SP を用いた肋骨弓下アプローチ食道切除術

Koshiro Ishiyama (Division of Esophageal Surgery, National Cancer Center, Tokyo, Japan)

石山廣志朗 (国立がん研究センター中央病院食道外科)

SY20-4 Minimally invasive surgeries with new surgical robots

新規ロボットを用いた MIS

Masanori Tokunaga (Department of Gastric Surgery, Japan)

徳永 正則 (国立がん研究センター中央病院胃外科)

SY20-5 Initial Experience with da Vinci 5 in Upper Gastrointestinal Surgery from an Assistant Perspective: Based on Experience with da Vinci Xi

助手の立場からみた上部消化管領域における da Vinci 5 の導入経験－ da Vinci Xi 使用経験を踏まえて－

Tomohiro Yamamoto (Department of Surgery, Shonan Kamakura General Hospital, Japan)

山本 寛大 (湘南鎌倉総合病院外科肝胆膵外科)

SY20-6 Technical Strategies for Integrating Surgical Procedures in Gastrectomy Using New Robotic Systems

新規ロボットによる胃切除術における手術手技統合のための工夫

Masaya Nakauchi (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University, Japan)

中内 雅也 (藤田医科大学先端ロボット内視鏡手術学)

Symposium 21 Bridge to Surgery for Obstructive Colorectal Cancer

閉塞性大腸癌に対する Bridge to Surgery

Chair Yoshihisa Saida (Department of Surgery, Toho University Ohashi Medical Center)

齊田 芳久 (東邦大学医療センター大橋病院外科)

Nobuhisa Matsunashi (Gastroenterological surgery · Pediatric surgery, Gifu University)

松橋 延壽 (岐阜大学消化器外科・小児外科)

SY21-1 Optimal Treatment Strategies for Obstructive Colorectal Cancer: Balancing Urgency and Curability

閉塞性大腸癌に対する最適治療戦略：緊急性と根治性の両立を目指して

Kurodo Koshino (Institute of Gastroenterology, Department of Surgery, Tokyo Women's Medical University, Japan)

腰野 蔵人 (東京女子医科大学消化器・一般外科)

SY21-2 Comparison of long-term outcomes of bridge to surgery and semi-urgent surgery for obstructive colorectal cancer: a propensity score-matched analysis

閉塞性大腸癌に対する Bridge to Surgery - 治療戦略における長期成績の検討 -

Takahiro Yamanashi (Department of Lower Gastrointestinal Surgery, Kitasato University School of Medicine, Japan)

山梨 高広 (北里大学医学部下部消化管外科学)

SY21-3 Initial Management of Malignant Colonic Obstruction: A Systematic Review and Bayesian Network Meta-analysis

右側・左側悪性大腸閉塞に対する初期治療戦略：システマティックレビューおよびベイジネットワークメタ解析

Daichi Kitaguchi (Department of Surgery, Institute of Medicine, University of Tsukuba, Japan/IRCAD France, Japan)

北口 大地 (筑波大学/IRCAD France, Japan)

SY21-4 Current Status of Obstructive Colorectal Cancer Surgery at Our Hospital

当院の閉塞性大腸癌手術の現況

Yuko Takehara (Dept of Surgery, Okayama Saiseikai General Hospital, Japan)

竹原 裕子 (岡山済生会総合病院外科)

SY21-5 Clinical Outcomes and Prognostic Factors in Patients with Obstructive Colorectal Cancer Treated with Colonic Stent Placement

閉塞性大腸癌に対する大腸ステント症例の治療成績と予後因子の検討

Toshio Shiraishi (Department of Surgery, Saiseikai Nagasaki Hospital, Japan)

白石斗士雄 (済生会長崎病院外科)

SY21-6 Risk Factors for Postoperative Complications in Patients with Obstructive Colorectal Cancer Treated with Bridge to Surgery: A Single-Institution Study

当院における閉塞性大腸癌に対する BTS 症例の術後合併症リスク因子の検討

Kazuna Honda (Department of Surgery, School of Medicine, Kyorin University, Japan)

本多 五奉 (杏林大学消化器・一般外科)

- SY21-7 Short- and long-term outcomes of robot-assisted versus laparoscopic colectomy as a Bridge to Surgery**
Bridge to Surgery におけるロボット支援手術の短期・長期成績
Tomoyuki Nagaoka (Department of Gastroenterological Surgery, Ehime Prefectural Central Hospital, Japan)
永岡 智之 (愛媛県立中央病院消化器外科)
- SY21-8 Characteristics of Peritoneal Recurrence and Long-Term Outcomes After Bridge to Surgery in Advanced Stenotic Colorectal Cancer: An Evaluation Using Competing Risk Analysis**
高度狭窄大腸癌に対する BTS 後の腹膜播種再発と長期予後の特徴—競合リスク解析による評価—
Yozo Kudose (Department of Gastrointestinal Surgery, Department of Surgery, Tane General Hospital, Japan)
久戸瀬洋三 (多根総合病院外科)
- SY21-9 Treatment outcomes for obstructive colorectal cancer using decompression techniques**
減圧法からみた閉塞性大腸癌に対する治療成績
Kanechika Den (Department of Gastroenterological Surgery, Yokohama City University Graduate School of Medicine, Japan)
田 鍾寛 (横浜市立大学医学部消化器・腫瘍外科学)
- SY21-10 Outcomes of bridge-to-surgery using a novel covered colonic stent for obstructive colorectal cancer**
Takahiro Hiratsuka (Departments of Comprehensive Surgery for Community Medicine, Oita University Faculty of Medicine, Oita, Japan)

September 3 (Thu) Room 17 (Conference Center 3F 304)

15:40~17:10

Symposium 22 Robot-assisted Surgery using a New Model for Colorectal Cancer

大腸癌に対する新機種ロボット支援手術

Chair Koki Otsuka (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University School of Medicine)

大塚 幸喜 (藤田医科大学先端ロボット内視鏡手術学)

Shuichiro Matoba (General and Gastroenterological Surgery, Toho University Omori Medical Center)

的場周一郎 (東邦大学医療センター大森病院一般消化器外科)

SY22-1 Research and Clinical Applications of the Novel 'Sentire' Robotic System in Colorectal Surgery

Simon Ng (Division of Colorectal Surgery, Department of Surgery, The Chinese University of Hong Kong, Hong Kong S.A.R., China)

- SY22-2 Outcomes and Practical Implementation of hinotori-Assisted Surgery for RS-Ra Rectal Cancer: Insights Gained from Right-Sided Colon Cancer Surgery**
hinotori による RS ～ Ra 直腸癌手術の成績と実践：右側結腸癌手術から得られた知見を踏まえて
 Hajime Ushigome (Department of 1 Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)
 牛込 創 (名古屋市立大学病院消化器外科)
- SY22-3 Clinical Experience and Challenges of Colorectal Cancer Surgery Using hinotori Surgical Robot System**
国産手術支援ロボット hinotori™ を用いた大腸癌手術の現状と課題について
 Hidetoshi Katsuno (Department of Surgery, Fujita Health University Okazaki Medical Center, Japan)
 勝野 秀稔 (藤田医科大学岡崎医療センター外科)
- SY22-4 Propensity score matched analysis of short-term outcomes in rectal cancer robotic surgery: Hugo RAS versus da Vinci**
ロボット支援下直腸癌手術の短期成績比較 Hugo vs da Vinci
 Shigeo Toda (Department of Gastroenterological Surgery, Toranomon Hospital, Japan / Department of Gastroenterological Surgery, Tonoramon Hospital Kajigaya, Japan)
 戸田 重夫 (虎の門病院消化器外科 / 虎の門病院分院消化管センター外科)
- SY22-5 Comparison of short-term outcomes between multiple robot platforms in colorectal cancer surgery**
手術支援ロボット多機種を擁する施設での機種別手術成績比較
 Yoshiro Itatani (Department of Surgery, Kyoto University Hospital, Japan)
 板谷 喜朗 (京都大学大学院医学研究科消化管外科)
- SY22-6 New Developments in Colorectal Cancer Surgical Education Enabled by the Next-Generation da Vinci 5 Surgical Robot**
新規手術支援ロボット da Vinci 5 が拓く大腸癌手術教育の新展開
 Sho Nambara (Department of Surgery and Science, Graduate School of Medical Science, Kyushu University, Japan)
 南原 翔 (九州大学大学院消化器・総合外科)
- SY22-7 Transformation and Future Prospects in Colorectal Surgery with Da Vinci 5 and SP**
Da Vinci 5 と SP がもたらす大腸外科の Transformation と未来展望
 Yasumitsu Hirano (Department of Gastroenterological Surgery, Saitama Medical University International Medical Center, Japan)
 平能 康充 (埼玉医科大学国際医療センター消化器外科)
- SY22-8 Short-term outcomes and hospitalization costs of single-port robotic surgery for colorectal cancer: a comparison with multi-port robotic surgery**
シングルポートロボットを用いた大腸癌手術の短期成績と入院費用の検討：マルチポートロボットとの比較
 Shota Ariga (Department of Colorectal Surgery, National Cancer Center Hospital, Tokyo, Japan)
 有賀 翔太 (国立がん研究センター中央病院大腸外科)

SY22-9 Development and clinical values of ANSUR, a surgical assistant robot that provides a new surgical environment

新たな手術環境を提供する手術支援ロボット ANSUR の開発と臨床展開

Masaaki Ito (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East, Japan)

伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病院医療機器開発推進部門)

September 4 (Fri) Room 1 (Conference Center 1F Main Hall)

9:40~11:10

Symposium 23 Big Data-Driven Evidence in Endoscopic Surgery **ビッグデータ用いた内視鏡外科のエビデンス**

Chair Yasuyuki Seto (Division of esophageal & gastric surgery, National Cancer Center Hospital)

瀬戸 泰之 (国立がん研究センター中央病院食道外科・胃外科)

Yoshihiro Kakeji (Division of Gastrointestinal Surgery, Department of Surgery, Kobe University Graduate School of Medicine)

掛地 吉弘 (神戸大学大学院医学研究科外科学講座食道胃腸外科)

SY23-1 Comparative Benefits of Robotic gastrectomy over Laparoscopic Surgery across Different Age and BMI

ロボット支援下胃切除と腹腔鏡下胃切除の DPC データを用いた短期成績比較

Yuichiro Miki (Department of Gastroenterological Surgery, Osaka Metropolitan University Graduate School of Medicine, Japan)

三木友一朗 (大阪公立大学大学院消化器外科学講座)

SY23-2 Real-world outcomes of minimally invasive surgery for remnant gastric cancer (NCD study)

残胃癌手術における低侵襲手術のリアルワールドデータ (NCD 研究)

Nobuhiro Nakazawa (Department of General Surgical Science, Gunma University Graduate School of Medicine, Japan)

中澤 信博 (群馬大学大学院医学系研究科総合外科学講座消化管外科学分野)

SY23-3 Regional Disparities in Robotic-Assisted Rectal Resection in Japan: A National Population-Based Analysis of NDB Open Data

本邦におけるロボット支援直腸切除術の地域格差の現状：NDB Open Data を用いた全国人口ベース解析

Ryo Ohta (Department of Gastroenterological Surgery, Nippon Medical School Musashikosugi Hospital, Japan)

太田 竜 (日本医科大学武蔵小杉病院消化器外科)

SY23-4 Does Big Data Indicate Standardization? A Dynamic Analysis of Laparoscopic Appendectomy Using Nationwide NDB

ビッグデータは「均てん化」を示しているのか—NDB による腹腔鏡下虫垂切除術の動的解析—

Shingo Ito (Department of Surgery, Shonan Kamakura General Hospital, Japan)

伊藤 慎吾 (湘南鎌倉総合病院外科)

- SY23-5 Effectiveness of Robotic Pancreaticoduodenectomy Validated in Over 46,000 Cases Using Nationwide Big Data: A Comprehensive Post-Implementation Evaluation in Japan
全国ビッグデータ 46,000 例超で検証するロボット膵頭十二指腸切除術の有効性 ―本邦導入後の包括的評価―
Naoki Ikenaga (Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Japan)
池永 直樹 (九州大学臨床・腫瘍外科)
- SY23-6 Long-term outcome of pediatric minimally invasive surgery: results of our big data studies
ビックデータから見た小児内視鏡外科手術の中・長期経過に関するエビデンス
Jun Fujishiro (Department of Pediatric Surgery, The University of Tokyo, Japan)
藤代 準 (東京大学医学部小児外科)
- SY23-7 Trends in the Adoption of Robot-Assisted Surgery in Japan: An Analysis Using the National Database (NDB) Open Data
NDB オープンデータベースを用いた本邦におけるロボット支援下手術普及の動向解析
Kojiro Taura (Department of Gastroenterological Surgery and Oncology, Medical Research Institute KITANO HOSPITAL, Japan)
田浦康二郎 (公益財団法人田附興風会医学研究所北野病院消化器センター消化器外科)

September 4 (Fri) Room 1 (Conference Center 1F Main Hall) 14:50~16:20

[Diversity, Equity & Inclusion Committee]

[Diversity, Equity & Inclusion 委員会との共同開催]

Symposium 24 Various Forms of Harassment in Endoscopic Surgery and Countermeasures

内視鏡外科における様々なハラスメントとその対策

Chair Ken Shirabe (Department of General Surgical Science, Gunma University)

調 憲 (群馬大学総合外科学)

Sachiyo Nomura (Clinical Pharmaceutical Sciences, Hoshi University
／ Department of Gastrointestinal Surgery, The University of Tokyo Hospital / Isotope Science Center, The University of Tokyo)

野村 幸世 (星薬科大学医療薬学研究室／東京大学医学部附属病院胃食道外科／
東京大学アイソトープ総合センター)

- SY24-1 Harassment and Emotional Intelligence (EQ) in the Operating Room: Building a Safer and More Effective Learning Environment

手術室におけるハラスメントと EQ

Masanori Isobe (Department of Obstetrics and Gynecology, School of Medicine, Gifu University, Japan)

磯部 真倫 (岐阜大学産科婦人科)

- SY24-2 Gender-based discrimination and harassment in surgery**
外科領域におけるジェンダーハラスメント
 Emiko Kono (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University, Japan)
 河野恵美子 (大阪医科薬科大学一般・消化器外科)
- SY24-3 A Survey on Harassment in Gynecologic Endoscopic Surgery**
婦人科内視鏡外科におけるハラスメントの実態調査
 Masumi Sunada (Department of Gynecology and Obstetrics, Graduate School of Medicine and Faculty of Medicine, Kyoto University, Japan)
 砂田 真澄 (京都大学大学院医学研究科)
- SY24-4 The Boundary Between Harassment and Instruction**
ハラスメントと指導の境界
 Koya Hida (Department of Surgery, Kyoto University Hospital, Japan)
 肥田 侯矢 (京都大学医学部附属病院消化管外科)
- SY24-5 The Boundary Between Harassment and Surgical Education: Building a Healthy Educational Culture in Endoscopic Surgery**
外科で問題となるハラスメントと教育との境界
- 内視鏡外科における健全な教育文化をともに考える -
 Keisuke Kurimoto (Department of Surgery, Nagoya University Hospital, Japan)
 栗本 景介 (名古屋大学医学部附属病院消化器・腫瘍外科)
- SY24-6 Toward a Harassment-Free Workplace: Initiatives of the Japanese Society of Pediatric Surgeons**
ハラスメントのない職場環境を目指して－日本小児外科学会の取り組み－
 Mikihiro Inoue (Work-Life Balance Review Committee, The Japanese Society of Pediatric Surgeons, Japan／Department of Pediatric Surgery, Fujita Health University)
 井上 幹大 (日本小児外科学会ワーク・ライフ・バランス検討委員会／藤田医科大学小児外科)
- SY24-7 Learner-Centered Redesign of Endoscopic Surgical Education**
内視鏡手術教育における構造的課題と学習者中心教育の再設計
 Hideki Takami (Department of Surgery, Nagoya University Hospital, Japan)
 高見 秀樹 (名古屋大学医学部附属病院消化器・腫瘍外科)

Symposium 25 Development of Novel Medical Devices Through Industry-Academia Collaboration in Asia: Current Status and Future Perspectives

アジアにおける産学連携による新規医療機器開発－現状と展望－

Chair Takeshi Naitoh (Department of lower gastrointestinal surgery, Kitasato University School of Medicine)

内藤 剛 (北里大学下部消化管外科学)

Masaaki Ito (Department of Colorectal Surgery, National Cancer Center Hospital East / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East)

伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病院医療機器開発推進部門)

SY25-1 Gendered Innovations in Surgical Device Development

手術機器開発におけるジェンダード・イノベーション

Emiko Kono (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University, Japan)

河野恵美子 (大阪医科薬科大学一般・消化器外科)

SY25-2 Fostering clinician-engineer collaborations for novel medical devices - opportunities and challenges

Hon Chi Yip (Department of Surgery, Faculty of Medicine, the Chinese University of Hong Kong, Hong Kong S.A.R., China)

SY25-3 Japanese Devices to Asia: Overcoming Regulatory and Economic Barriers for Clinical Application

日本発医療機器のアジア展開：臨床応用に向けた規制および経済的障壁の克服

Junichi Shimada (Graduate School of Health Nursing, Kyoto Prefectural University of Medicine, Japan)

島田 順一 (京都府立医科大学大学院保健看護学研究科)

SY25-4 Shaping Tomorrow's Impact: Building Asia's Next Generation of Medical Innovation

Buzz Palmer (Department of Surgery, University of Melbourne | MedTech Actuator | Synthesis Capital)

Symposium 26 **Neoadjuvant Strategies and Outcomes in Locally Advanced Rectal Cancer**

進行直腸癌に対する術前治療の選択と成績

Chair Yuji Toiyama (Department of Gastrointestinal and Pediatric Surgery, Mie University)

問山 裕二 (三重大学大学院消化管・小児外科)

Takashi Akiyoshi (Department of Colorectal Surgery, Cancer Institute Hospital)

秋吉 高志 (がん研有明病院大腸外科)

SY26-1 Neoadjuvant Therapy for Rectal Cancer: Treatment Escalation and De-Escalation
Martin Ross Weiser (Memorial Sloan Kettering Cancer Center, United States)

SY26-2 Locally Advanced Rectal Cancer: Different Strategies In Different Parts Of The World

Deep Goel (Surgical Gastroenterology, Minimal Access Surgery, and Bariatric Surgery)

SY26-3 Surgical Strategy and Short-Term Outcomes of Rectal Cancer Surgery After Total Neoadjuvant Therapy

局所進行直腸癌に対する Total neoadjuvant therapy 後の手術の工夫と短期成績

Yusuke Suwa (Department of Surgery, gastroenterological center, Yokohama City University Medical Center, Japan / Department of Colorectal Surgery, Kansai Medical University, Japan)

諏訪 雄亮 (横浜市立大学附属市民総合医療センター消化器病センター外科 / 関西医科大学下部消化管外科)

SY26-4 Treatment Strategy of Neoadjuvant Therapy for Locally Advanced Low Rectal Cancer at Our Institution

当院における進行下部直腸癌に対する前治療の治療戦略

Tatsuki Noguchi (Department of Colorectal Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo, Japan)

野口 竜剛 (がん研究会有明病院)

SY26-5 Short-course versus Long-course Radiation in Total Neoadjuvant Therapy for Locally Advanced Rectal Cancer: A Retrospective Cohort Study

局所進行直腸癌に対する Total Neoadjuvant Therapy における短期照射と長期照射の比較

Shoma Sasaki (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)

佐々木将磨 (国立がん研究センター東病院大腸外科)

SY26-6 Selection of Preoperative Treatment Strategies and Oncological Outcomes for Locally Advanced Rectal Cancer

当科における局所進行下部直腸癌に対する術前治療の選択と予後に関する検討

Ryuhei Aoyama (Department of Surgery, Kyoto University Hospital, Japan)

青山 龍平 (京都大学医学部附属病院消化管外科)

- SY26-7 Risk analysis of postoperative complications according to surgical approach in rectal cancer after neoadjuvant chemoradiotherapy**
術前化学放射線療法後直腸癌手術における手術アプローチ別術後合併症のリスク解析
Shigenobu Emoto (Department of Surgical Oncology, Faculty of Medicine, The University of Tokyo, Japan)
江本 成伸 (東京大学医学部附属病院大腸・肛門外科)
- SY26-8 Comparison of Short-Term Outcomes Between Total Neoadjuvant Therapy (TNT) and Upfront Surgery for Low Rectal Cancer**
下部直腸癌に対する Total Neoadjuvant Therapy と手術先行の短期成績の比較
Chihiro Ishizuka (Department of Colorectal Surgery, National Cancer Center, Japan)
石塚 千紘 (国立がん研究センター中央病院管理棟)
- SY26-9 Surgical Outcomes of Robot-Assisted Rectal Cancer Surgery Following Total Neoadjuvant Therapy**
Total Neoadjuvant Therapy 後ロボット支援直腸癌手術の周術期成績
Mikio Kawamura (Department of Gastrointestinal and Pediatric Surgery, Mie University Graduate School of Medicine, Japan)
川村 幹雄 (三重大学医学部消化管外科)

September 4 (Fri) Room 5 (Conference Center 5F 511+512) 14:40~16:10

Symposium 27 Laparoscopic and Robotic Surgery in Pediatric Urology

Chair Yoshiyuki Kojima (Department of Urology, Fukushima Medical University School of Medicine)

小島 祥敬 (福島県立医科大学医学部泌尿器科学講座)

Go Miyano (Pediatric General & Urogenital Surgery, Juntendo University School of Medicine)

宮野 剛 (順天堂大学小児外科学講座)

- SY27-1 Initial Outcomes of Laparoscopic Extravesical Ureteral Reimplantation for Pediatric VUR**

保険収載後に導入した腹腔鏡下膀胱尿管逆流防止術の初期成績

Takayuki Masuko (Department of Pediatric Urology, Ibaraki Children's Hospital, Japan)

益子 貴行 (茨城県立こども病院小児泌尿器科)

- SY27-2 Key techniques in transvesicoscopic ureteral reimplantation**

気膀胱下膀胱尿管新吻合術における工夫

Makoto Suzuki (Department of Surgery, School of Medicine, Iwate Medical University, Japan / Division of Pediatric Surgery, Department of General Surgical Science, Gunma University Graduate School of Medicine, Japan)

鈴木 信 (岩手医科大学医学部外科学講座 / 群馬大学大学院総合外科学講座小児外科学分野)

- SY27-3** Comparison of the timing of oral intake initiation and hospital discharge following modification of surgical techniques in pediatric pyeloplasty
 小児の腎盂形成術における術式変更による食事開始時期と退院時期の比較検討
 Kiyokuni Nakamura (Department of Pediatric Surgery, Kanazawa Medical University, Japan)
 中村 清邦 (金沢医科大学小児外科)
- SY27-4** Robot-assisted retroperitoneal laparoscopic repair for ureteropelvic junction obstruction: knack and pitfall
 小児腎盂尿管移行部狭窄におけるロボット支援手術の knack and pitfall
 Hiroyuki Koga (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
 古賀 寛之 (東京医科大学消化器・小児外科学分野)
- SY27-5** Robot-Assisted Retroperitoneoscopic Pyeloplasty in Children: Initial Experience from a Single Institution
 当科におけるロボット支援後腹膜鏡下腎盂形成術導入初期 12 例の検討
 Nana Tanaka (Department of Pediatric Surgery, Juntendo University Urayasu Hospital, Japan)
 田中 奈々 (順天堂大学医学部附属浦安病院小児外科)
- SY27-6** Clinical Outcomes of Robot-assisted Bypass Pyeloplasty in UPJO without Crossing Vessels
 交差血管を伴わない UPJO に対するロボット支援 Bypass 腎盂形成術の治療成績
 Yuichi Sato (Department of Urology, Fukushima Medical University school of medicine, Japan)
 佐藤 雄一 (福島県立医科大学附属病院泌尿器科)

September 4 (Fri) Room 12 (Conference Center 4F 418)

8:00~9:30

Symposium 28 The Pros and Cons of Technical Certification in Gynecology and Future Directions 婦人科領域における技術認定制度の功罪と未来

Chair Yoshihito Yokoyama (Department of Obstetrics and Gynecology, Hirosaki University)

横山 良仁 (弘前大学大学院医学研究科産科婦人科学講座)

Osamu Hiraike (Department of Obstetrics and Gynecology, Nippon Medical School Hospital)

平池 修 (日本医科大学付属病院女性診療科・産科)

SY28-1 Redefining the Certification System in Gynecologic MIS: Transient Roles and Values 産婦人科内視鏡技術認定制度に求められる今後：役割分担と価値の再考

Tsukasa Baba (Department of Obstetrics and Gynecology, School of Medicine, Iwate Medical University, Japan)

馬場 長 (岩手医科大学産婦人科)

- SY28-2 Regional Maldistribution of Gynecologic Minimally Invasive Surgery in Japan Visualized by NDB Open Data (SCR): Cross-Procedure Dispersion Comparison and Implications for Equalization**
 NDB オープンデータ (SCR) で可視化する婦人科 MIS の地域偏在：術式間ばらつき比較と均てん化の論点
 Kuniaki Ota (Department of Obstetrics and Gynecology, Kawasaki Medical School, Japan/Fukushima Medical Center for Children and Women, Fukushima Medical University, Japan)
 太田 邦明 (川崎医科大学産婦人科／福島県立医科大学子ども・女性医療支援センター)
- SY28-3 Is Surgical Skill Certification a Goal or a Turning Point? Surgeon Development and Attrition Based on Institutional Experience**
 技術認定はゴールか分岐点か - 自験例から考える術者育成と離脱 -
 Kenro Chikazawa (Department of Obstetrics and Gynecology, Jichi Medical University, Saitama Medical Center, Japan)
 近澤 研郎 (自治医科大学附属さいたま医療センター)
- SY28-4 Rethinking minimally invasive surgery: My experience of being transferred to a facility without certified surgeons**
 技術認定医の再考～認定医のいない施設への異動を経験して～
 Yu Kamishita (Department of Obstetrics and Gynecology, Saga University, Japan)
 神下 優 (佐賀大学産婦人科)
- SY28-5 Reframing the Certification System in Gynecologic Laparoscopic and Robot-Assisted Surgery: The Potential of an AI-Based Surgical Skill Assessment Platform**
 婦人科手術技術認定制度の未来を拓く AI 技能評価システムの可能性
 Shin Takenaka (Division of Obstetrics and Gynecology, Showa Medical University, Japan)
 竹中 慎 (昭和医科大学病院産婦人科)

September 4 (Fri) Room 12 (Conference Center 4F 418) 9:40～11:10

Symposium 29 Current Status and Countermeasures for Complications in Gynecological Robotic Surgery 婦人科ロボット支援手術における合併症の現状とその対策

Chair Fuminori Taniguchi (Obstetrics & Gynecology, Tottori University)
 谷口 文紀 (鳥取大学産科婦人科)
 Jun Kumakiri (Department of Obstetrics and Gynecology, Tokyo Women's Medical University)
 熊切 順 (東京女子医科大学産婦人科)

- SY29-1 Intraoperative and Postoperative Complications of Robot-Assisted Surgery and Countermeasures**
 ロボット支援下手術の術中、術後合併症と対策
 Kota Umemura (Department of Gynecology, Toyohashi Municipal Hospital, Japan)
 梅村 康太 (豊橋市民病院)

- SY29-2** Current status of complications in robotic-assisted surgery in our department: A comparative study with laparoscopic surgery
当科におけるロボット支援手術の合併症の現状について～腹腔鏡手術との比較検討～
Yasushi Kotani (Department of Obstetrics and Gynecology, Faculty of Medicine, Kindai University, Japan)
小谷 泰史 (近畿大学医学部産科婦人科)
- SY29-3** Perioperative Complication Strategies in Gynecologic Robotic Surgery
婦人科領域のロボット手術における周術期合併症戦略
Michiko Kaneda (Department of Obstetrics and Gynecology, Mie University School of Medicine, Japan)
金田 倫子 (三重大学医学部附属病院)
- SY29-4** A Novel Approach to Enhancing the Safety of Robot-Assisted Surgery Using the da Vinci 5 System
da Vinci 5 によるロボット支援手術の安全性向上への新たなアプローチ
Hironori Miyamura (Department of Obstetrics and Gynecology, Fujita Health University, Japan)
宮村 浩徳 (藤田医科大学病院産婦人科)
- SY29-5** Adverse effect of robotic surgery for gynecological disease in the registry of JSERGO
レジストリから見た婦人科ロボット支援手術の合併症～傾向と対策～
Wataru Yamagami (Department of Obstetrics and Gynecology, Keio University School of Medicine, Japan/Japan Society of Endoscopy and Robotics in Gynecology and Obstetrics (JSERGO), Japan)
山上 亘 (慶應義塾大学医学部産婦人科/日本産科婦人科内視鏡・ロボティクス学会調査普及委員会)

September 4 (Fri) Room 15 (Conference Center 3F 302) 9:40~11:20

Symposium 30 The Role of Robotic Surgery in Gastric Cancer Treatment

胃癌治療におけるロボット支援手術の意義

Chair Shinichi Sakuramoto (Department of Upper Gastrointestinal surgery, Saitama Medical University International Medical Center)

櫻本 信一 (埼玉医科大学国際医療センター上部消化管外科)

Kazutaka Obama (Department of Surgery, Kyoto University)

小濱 和貴 (京都大学消化管外科)

SY30-1 Robotic Surgery for Gastric Cancer Beyond High-Volume Institutions: Challenges, Opportunities and Future Directions

Asim Shabbir (Department of Surgery, National University of Singapore)

SY30-2 Robotic Gastrectomy with Virtual Surgical Navigation for Gastric Cancer

Woo Jin Hyung (Department of Surgery, Yonsei University College of Medicine, Seoul, Korea, South Korea)

- SY30-3 Clinical advantages of robotic total gastrectomy for gastric cancer**
ロボット支援胃全摘の有用性
 Susumu Shibasaki (Department of Surgery, Fujita Health University Okazaki Medical Center, Japan)
 柴崎 晋 (藤田医科大学岡崎医療センター総合消化器外科)
- SY30-4 Clinical outcomes of robotic versus laparoscopic gastrectomy for gastric cancer**
幽門側胃切除術におけるロボット支援手術の有用性
 Yuki Hoshi (Department of Gastroenterological Surgery, Saitama Medical University International Medical Center, Japan)
 星 勇気 (埼玉医科大学国際医療センター上部消化管外科)
- SY30-5 Evolution of Function-Preserving Gastric Cancer Surgery Based on Robotic Assistance: From CPG to GLAND**
ロボット支援手術を基盤とした胃癌機能温存術式の進化—CPG から GLAND へ—
 Takashi Mitsui (Department of Surgery, Saitama Medical Center, Dokkyo Medical University, Japan / Department of Surgery, School of Medicine, Teikyo University, Japan)
 三ツ井崇司 (獨協医科大学埼玉医療センター外科 / 帝京大学医学部附属病院外科)
- SY30-6 Techniques and outcomes of robot-assisted surgery for gastric cancer and future perspectives**
胃癌に対するロボット支援手術の手技と成績、今後の展望
 Shintaro Okumura (Department of Surgery, Kyoto University Hospital, Japan)
 奥村慎太郎 (京都大学医学部附属病院消化管外科)
- SY30-7 The benefit of robotic gastrectomy in minimally invasive surgery for elderly patients**
高齢者に対する低侵襲胃切除術におけるロボット支援手術の有用性の検討
 Takuro Saito (Department of Clinical Research in Tumor Immunology, Graduate School of Medicine, The University of Osaka, Japan / Department of Gastroenterological Surgery, Graduate School of Medicine, The University of Osaka, Japan)
 西塔 拓郎 (大阪大学大学院医学系研究科臨床腫瘍免疫学 / 大阪大学大学院医学系研究科外科学講座・消化器外科学)
- SY30-8 Long-Term Outcomes of Minimally Invasive Surgery for Gastric Cancer**
低侵襲胃切除術の長期治療成績
 Ayumi Umemiya (Gastric Surgery Division, National Cancer Center Hospital East, Japan)
 梅宮 亜弓 (国立がん研究センター東病院胃外科)
- SY30-9 Robotic versus Laparoscopic Gastrectomy for Gastric Cancer: Long-term Outcomes from a Randomized Controlled Trial**
胃癌に対するロボット支援下胃切除術と腹腔鏡下胃切除術の長期成績：無作為化比較試験の結果から
 Junya Kitadani (Second Department of Surgery, School of Medicine, Wakayama Medical University, Wakayama, Japan)
 北谷 純也 (和歌山県立医科大学外科学第2講座)

Symposium 31 Current Status and Potential of Robotic Surgery for Hilar Cholangiocarcinoma**肝門部胆管癌に対するロボット支援手術の可能性と現在**

Chair Masayuki Ohtsuka (Department of General Surgery, Graduate School of Medicine, Chiba University)

大塚 将之 (千葉大学大学院臓器制御外科学)

Yuta Abe (Department of Surgery, Keio University)

阿部 雄太 (慶應義塾大学外科)

SY31-1 Challenges in Safety and Oncologic Adequacy of Robotic Resection for Perihilar Cholangiocarcinoma

肝門部領域胆管癌に対するロボット支援下切除における安全性と根治性の課題

Takashi Mizuno (Division of Surgical Oncology, Department of Surgery, Nagoya University Graduate School of Medicine, Japan)

水野 隆史 (名古屋大学大学院医学系研究科病態外科学腫瘍外科学講座)

SY31-2 Experience and Challenges in Lymph Node Dissection During Robot-Assisted Hepatectomy combined with bile duct resection.

胆管切除を伴う肝切除に対するロボット支援下手術：とくにリンパ節郭清について

Yuta Abe (Department of Surgery, Keio University, Japan)

阿部 雄太 (慶應義塾大学外科)

SY31-3 Robotic Surgery for Perihilar Cholangiocarcinoma: Technical Feasibility and Early Outcomes

肝門部胆管癌に対するロボット支援手術の技術的意義と課題

Taiga Wakabayashi (Department of Surgery, Ageo Central General Hospital, Japan)

若林 大雅 (上尾中央総合病院)

SY31-4 Current status and future perspectives of robotic surgery for perihilar cholangiocarcinoma

肝門部領域胆管癌に対するロボット支援手術の現状と展望

Yutaro Kato (Department of Surgery, Okazaki Medical Center, Fujita Health University, Japan / Department of Surgery, Bantane Hospital, Fujita Health University, Japan / Department of Surgery, Fujita Health University, Japan)

加藤悠太郎 (藤田医科大学岡崎医療センター外科 / 藤田医科大学ばんだね病院外科 / 藤田医科大学総合消化器外科)

SY31-5 Significance of Robotic Surgery for Hilar Cholangiocarcinoma

肝門部胆管癌手術におけるロボット手術の意義

Mamoru Morimoto (Department of Surgery, Keiyukai Sapporo Hospital, Japan)

森本 守 (恵佑会札幌病院消化器外科)

Symposium 32 Minimally Invasive Surgery for Highly Complex HPB Procedures — Vascular Resection, Hilar Cholangiocarcinoma, and Liver Transplantation

高難度肝胆膵手術（血管合併切除、肝門部領域癌、移植）に対する低侵襲手術

Chair Goro Honda (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University)

本田 五郎（東京女子医科大学消化器病センター外科）

Yuta Abe (Department of Surgery, Keio University)

阿部 雄太（慶應義塾大学外科）

SY32-1 Complex Laparoscopic HBP Surgery: Identifying and Overcoming Obstacles to Wider Application

KuoHsin Chen (Department of Surgery, Far-Eastern Memorial Hospital, Taiwan)

SY32-2 Laparoscopic assisted liver transplantation for challenging cases

Safi Dokmak (HPB surgery and liver transplantation, France)

SY32-3 Robotic pancreatoduodenectomy with portal vein resection and reconstruction for pancreatic ductal adenocarcinoma

膵癌に対する門脈合併切除再建を伴うロボット膵頭十二指腸切除の自由診療での導入

Saiho Ko (Department of Digestive and Hepato-Biliary-Pancreas Surgery, Japan)

高 濟峯（奈良県総合医療センター消化器・肝胆膵外科）

SY32-4 Short- and Mid-Term Outcomes of Laparoscopic Living Donor Hepatectomy: Utility of Minimally Invasive Approach in Complex Hepatobiliary Surgery

腹腔鏡下生体肝移植ドナー手術の短期 / 中期成績からみた高難度肝胆膵低侵襲アプローチの有用性の検討

Kazuyasu Shinmura (Department of Gastroenterological Surgery, Saitama Red Cross Hospital, Japan)

新村 兼康（さいたま赤十字病院消化器外科）

SY32-5 Initial experience with vascular or biliary reconstruction during minimally invasive liver resection for hepatobiliary tumors

肝胆道腫瘍に対する血管・胆管の再建をともなう低侵襲肝切除の経験

Yutaro Kato (Department of Gastroenterological Surgery, Fujita Health University Bantane Hospital, Japan)

加藤悠太郎（藤田医科大学ばんだね病院消化器外科）

Symposium 33 Minimally Invasive Surgery in Liver Transplantation

肝移植に関する低侵襲手術

Chair Etsuro Hatano (Department of Surgery, Graduate School of Medicine, Kyoto University)

波多野悦朗 (京都大学肝胆膵・移植外科)

Tomoharu Yoshizumi (Department of Surgery and Science, Kyushu University)

吉住 朋晴 (九州大学消化器・総合外科)

SY33-1 Laparoscopic living donor hepatectomy

Ki-Hun KIM (Asan Medical Center / University of Ulsan)

SY33-2 Implementation and Standardization of Laparoscopic Donor Hepatectomy for Adult Donors in a Pediatric Specialized Center

国立成育医療研究センターにおける腹腔鏡下ドナー肝切除の標準化

Mureo Kasahara (Organ Transplantation Center, National Center for Child Health and Development, Tokyo, Japan)

笠原 群生 (国立成育医療研究センター)

SY33-3 Practice and introduction of pure laparoscopic donor hepatectomy

完全腹腔鏡下ドナー手術の導入と実践

Shogo Kobayashi (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan / Department of Gastroenterological Surgery, The University of Osaka, Japan)

小林 省吾 (大阪国際がんセンター／大阪大学大学院)

SY33-4 Outcomes of Laparoscopic Donor Hepatectomy at Our Institution

当施設における腹腔鏡下肝移植ドナー手術の治療成績

Takeo Toshima (Department of Surgery and Science, Kyushu University, Japan)

戸島 剛男 (九州大学消化器・総合外科)

SY33-5 Minimally invasive surgery in donor hepatectomy: Single center experience

肝移植ドナーにおける低侵襲手術：当院での取り組みと成績

Shinya Okumura (Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Kyoto University, Japan)

奥村 晋也 (京都大学肝胆膵・移植外科)

SY33-6 Technical Refinements for Bile Duct Division in Laparoscopic Living Donor Hepatectomy

腹腔鏡下生体肝ドナー手術における胆管切除法

Yuta Abe (Department of Surgery, Keio University, Japan)

阿部 雄太 (慶應義塾大学外科)

SY33-7 Toward national insurance coverage for pure laparoscopic donor hepatectomy for adult recipients

成人レシピエントに対する完全腹腔鏡下ドナー肝切除術の保険収載に向けて

Akira Umemura (Department of Surgery, School of Medicine Iwate Medical University, Japan)

梅邑 晃 (岩手医科大学医学部外科学講座)

Symposium 34 Endoscopic Ear Surgery: Historical Perspectives, Current Practice, and Future Directions

耳科内視鏡手術の、過去、現在、未来

- Chair Kishiko Sunami (Department of Otolaryngology and Head and Neck Surgery, Osaka Metropolitan University)
 角南貴司子 (大阪公立大学医学部耳鼻咽喉病態学)
- Kunio Mizutari (Department of Otorhinolaryngology-Head and Neck Surgery, Tokyo Women's Medical University)
 水足 邦雄 (東京女子医科大学耳鼻咽喉科・頭頸部外科学分野)

SY34-1 Learning from the History of Endoscopic Surgery: Lessons for Transcanal Endoscopic Ear Surgery

内視鏡外科の温故知新 耳科手術への教訓

Yu Matsumoto (Department of Otolaryngology, Tokyo Metropolitan Police Hospital, Japan)

松本 有 (東京警察病院耳鼻咽喉科)

SY34-2 Endoscopic ear and nasal surgery: education and mutual application of surgical techniques

耳科・鼻科内視鏡下手術における教育と技術の相互応用

Suetaka Nishiike (Department of Otorhinolaryngology - Head and Neck Surgery, Osaka Rosai Hospital, Japan)

西池 季隆 (大阪労災病院耳鼻咽喉科・頭頸部外科)

SY34-3 How Far Can Tympanic Membrane Regeneration Therapy Be Applied?

鼓膜再生療法はどこまで応用が可能か？

Shin-Ichi Kanemaru (Hearing Disturbance and Ear Drum Regeneration Center, Department of Otolaryngology-Head and Neck Surgery, Medical Research Institute Kitano Hospital, Japan)

金丸 真一 (医学研究所北野病院耳鼻咽喉科頭頸部外科)

SY34-4 Bottle ship surgery to the future

ボトルシップサージェリーから未来へ

Masaya Uchida (Otorhinolaryngology, Department of Otolaryngology Tracheoesophageal Surgery, Japanese Red Cross Kyoto Daini Hospital, Japan)

内田 真哉 (京都第二赤十字病院耳鼻咽喉科気管食道外科)

Symposium 35 Laparoscopic Kasai: Evaluating the Need for Institutional Standards Based on Surgical Outcomes and Safety

腹腔鏡下胆道閉鎖症手術：手術成績と安全性から施設基準の必要性を考える

Chair Takahisa Tainaka (Department of Pediatric Surgery, Nagoya University)

田井中貴久 (名古屋大学大学院小児外科学)

Hiroyuki Koga (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University)

古賀 寛之 (東京医科大学消化器・小児外科学分野)

SY35-1 Examination of the current procedure for open biliary atresia surgery

当科における開腹下胆道閉鎖症手術の現行術式の検討

Hironori Kudo (Department of Pediatric Surgery, Tohoku University Graduate School of Medicine, Japan)

工藤 博典 (東北大学大学院医学系研究科小児外科学)

SY35-2 Outcomes of open Kasai portoenterostomy for biliary atresia at our hospital

当院における胆道閉鎖症に対する開腹葛西手術の成績

Masaki Honda (Department of Pediatric Surgery and Transplantation, Kumamoto University)

本田 正樹 (熊本大学小児外科・移植外科)

SY35-3 Surgical Technique and Outcomes of Open Portoenterostomy for Biliary Atresia at Our Institution

当院における開腹肝門部空腸吻合術の方法と成績

Hirofumi Tomita (Department of Surgery, Tokyo Metropolitan Chidoren's Medical Center, Japan)

富田 紘史 (東京都立小児総合医療センター外科)

SY35-4 Toward the Widespread Adoption of Laparoscopic Kasai Procedure: Rethinking Institutional Standards Based on the Breakdown of Technical Elements

腹腔鏡下葛西手術の普及を目指して - 技術要素の分解からみた施設基準の再考 -

Shoichi Tsuzaka (Department of Pediatric Surgery, Saitama Children's Medical Center, Japan)

津坂 翔一 (埼玉県立小児医療センター小児外科)

SY35-5 Need for Institutional Standards and Alternative Strategies in Laparoscopic Surgery for Biliary Atresia

当院での腹腔鏡下胆道閉鎖症手術の経験を踏まえた施設基準の必要性と代替的安全担保策の検討

Hiroki Ishii (Department of Pediatric Surgery, Graduate School of Medicine, Nagoya University, Japan)

石井 宏樹 (名古屋大学大学院小児外科学)

SY35-6 Validity of Institutional Criteria for Laparoscopic Surgery in Biliary Atresia. An Analysis of Our Surgical Outcomes

腹腔鏡下胆道閉鎖症手術における施設基準の妥当性 当科手術成績からの検討

Masahiro Takeda (Department of Pediatric Surgery, Juntendo University School of Medicine, Tokyo, Japan)

武田 昌寛 (順天堂医院小児外科)

September 5 (Sat) Room 6 (Conference Center 4F 411+412) 12:40~14:10

Symposium 36 Best Practice of Laparoscopic and Robotic Surgery for Congenital Biliary Dilation

Chair Kenneth Wong (Department of Surgery, The University of Hong Kong, Hong Kong S.A.R., China)

Hiroo Uchida (Department of Pediatric Surgery, Nagoya University Graduate School of Medicine)

内田 広夫 (名古屋大学大学院小児外科学)

SY36-1 Surgical management of congenital biliary dilatation: laparoscopic or robotic?

Kenneth Wong (Department of Surgery, The University of Hong Kong, Hong Kong S.A.R., China)

SY36-2 Clinical Outcomes of Laparoscopic Surgery for Biliary Dilatation by Todani

Classification: Multicenter Study

小児先天性胆道拡張症に対する腹腔鏡手術の臨床成績—九州多施設研究による戸谷分類からみた比較検討

Koji Yamada (Department of Pediatric Surgery, Research Field in Medicine and Health Sciences, Medical and Dental Sciences Area, Research and Education Assembly, Kagoshima University, Kagoshima, Japan)

山田 耕嗣 (鹿児島大学学術研究院医歯学域医学系小児外科学分野)

SY36-3 Best Practices in Minimally Invasive Surgery for Congenital Biliary Dilatation in Children

小児先天性胆管拡張症に対する低侵襲手術のベストプラクティス

Chiyo Shirota (Department of Pediatric Surgery, Nagoya University graduate School of Medicine, Japan)

城田千代栄 (名古屋大学大学院小児外科学)

SY36-4 Optimal Number of Robotic Arms Based on Body Weight in Pediatric Robotic Surgery for Choledochal Cysts

小児胆道拡張症に対するロボット支援手術における体重別至適ロボットアーム数の検討

Yoshitomo Yasui (Department of pediatric Surgery, Kanazawa Medical University, Japan)

安井 良僚 (金沢医科大学病院小児外科)

SY36-5 Best Practices to Improve Safety and Reduce Operative Time in Robotic-Assisted Surgery for Congenital Biliary Dilatation

先天性胆道拡張症に対するロボット支援手術における安全性の向上と手術時間短縮のためのベストプラクティス

Soichi Shibuya (Pediatric General and Urogenital Surgery, Juntendo University School of Medicine, Japan)

澁谷 聡一 (順天堂大学医学部附属順天堂医院小児外科・小児泌尿生殖器外科)

- SY36-6 Steps Leading Up to My First Robotic Surgery for Congenital Biliary Dilation**
 初回先天性胆道拡張症ロボット手術に至るまでのステップ
 Risa Kanai (Department of Pediatric Surgery, Japanese Red Cross Society Wakayama Medical Center, Japan)
 金井 理紗 (日本赤十字社和歌山医療センター外科)
- SY36-7 Preliminary comparison between multiport laparoscopic and single-port robotic surgery for CBD**
 腹腔鏡下と da Vinci SP によるロボット支援総胆管拡張症手術の予備的比較
 Tetsuya Ishimaru (Division of Pediatric Surgery, National Center for Child Health and Development, Japan)
 石丸 哲也 (国立成育医療研究センター)
- SY36-8 AI-based Surgical Phase Analysis in Robotic Surgery: Quantifying Surgical Difficulty and Proficiency**
 AI を使ったロボット手術工程解析：手術の難しさ・習熟度をデータ化する試み
 Akihiro Yasui (Department of Pediatric Surgery, Nagoya University Graduate School of Medicine, Japan)
 安井 昭洋 (名古屋大学大学院医学系研究科小児外科学)

September 5 (Sat) Room 12 (Conference Center 4F 418)

8:00~9:30

Symposium 37 Robot-Assisted Radical Cystectomy: ECUD vs ICUD ロボット支援膀胱全摘除術 -ECUD vs ICUD-

- Chair** Toru Kanno (Department of Urology, National Hospital Organization Kyoto Medical Center)
 寒野 徹 (国立病院機構京都医療センター泌尿器科)
 Kenji Zennami (Department of Urology, Nagoya University School of Medicine)
 全並 賢二 (名古屋大学大学院医学系研究科泌尿器科学講座)

- SY37-1 (Keynote Lecture)**
 Status of Intra-corporeal Urinary Diversion in 2026
 Khurshid A Guru (Roswell Park Comprehensive Cancer Center)
- SY37-2 Preoperative Rehabilitation Program for Robot-Assisted Radical Cystectomy at Our Institution**
 当院におけるロボット支援腹腔鏡下膀胱全摘除術における術前リハビリテーションの取り組み
 Yuya Iwahashi (Department of Urology, Wakayama Medical University, Japan)
 岩橋 悠矢 (和歌山県立医科大学)
- SY37-3 Optimization of Urinary Diversion in Robot-Assisted Radical Cystectomy: Procedure Selection**
 ロボット支援膀胱全摘除術における尿路変向の工夫 -ICUD・ECUD の特徴と施設状況を考慮した術式選択 -
 Masaki Shimbo (Department of Urology, St. Luke's International Hospital, Japan)
 新保 正貴 (聖路加国際病院泌尿器科)

- SY37-4 Multicenter comparison of safety between ECUD and ICUD in RARC and technical refinements
多施設データによるロボット支援膀胱全摘除術における体外と体腔内尿路変更の合併症の比較と術式の工夫
Yoshiyuki Yamamoto (Department of Urology, Graduate School of Medicine, The University of Osaka, Japan)
山本 致之 (大阪大学大学院医学系研究科泌尿器科)
- SY37-5 Comparison of Extracorporeal and Intracorporeal Urinary Diversion in Robot-Assisted Radical Cystectomy
ロボット支援膀胱全摘除術における体腔外尿路変向と体腔内尿路変向の比較検討
Shuichi Morizane (Division of Urology, Department of Surgery, Faculty of Medicine, Tottori University, Japan)
森實 修一 (鳥取大学医学部器官制御外科学講座腎泌尿器学分野)

September 5 (Sat) Room 12 (Conference Center 4F 418)

14:20~15:50

Symposium 38 Robot-Assisted Radical Nephrectomy for IVC Tumor Thrombus

IVC 腫瘍塞栓に対するロボット支援根治的腎摘除術

Chair Kiyoshi Takahara (Department of Urology, Fujita Health University School of Medicine)

高原 健 (藤田医科大学病院泌尿器科)

Takeshi Yamasaki (Urology, Osaka Metropolitan University, Graduate School of Medicine)

山崎 健史 (大阪公立大学大学院医学研究科泌尿器病態学)

- SY38-1 Robot-assisted radical nephrectomy with intravenous thrombectomy for renal cancer with inferior vena cava tumor thrombus at Okayama University Hospital. 当院におけるロボット支援腹腔鏡下腎全摘除術、腫瘍塞栓摘除術の治療成績
Kensuke Bekku (Department of Urology, Okayama University Graduate School of Medicine, Dentistry, and Pharmaceutical Sciences, Japan)
別宮 謙介 (岡山大学病院泌尿器科)
- SY38-2 Current status of robot-assisted inferior vena cava tumor thrombectomy at our institution 当院におけるロボット支援下大静脈腫瘍塞栓摘除術の現状
Nao Yukimatsu (Department of Urology, Osaka Metropolitan University Graduate School of Medicine, Osaka, Japan)
行松 直 (大阪公立大学大学院医学研究科泌尿器病態学)
- SY38-3 Treatment Outcomes of Robot-Assisted Laparoscopic Nephrectomy for Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus at Fujita Health University 下大静脈腫瘍塞栓を伴う腎癌に対するロボット支援腹腔鏡下腎摘除術の当科での治療成績
Atsuhiko Yoshizawa (Department of Urology, Fujita Health University, Japan)
吉澤 篤彦 (藤田医科大学腎泌尿器外科)

- SY38-4 Transition to Robot-Assisted Surgery and Technical Considerations in Surgery for Renal Cell Carcinoma with Inferior Vena Cava Tumor Thrombus**
 下大静脈腫瘍塞栓を伴う腎細胞癌手術におけるロボット支援手術への移行と手術手技の実際
 Atsunari Kawashima (Department of Urology, Graduate School of Medicine, The University of Osaka, Japan)
 河嶋 厚成 (大阪大学大学院医学系研究科器官制御外科学講座 (泌尿器科学))
- SY38-5 Robot-associated radical nephrectomy with inferior vena cava tumor thrombectomy for renal cell carcinoma with level 2 ≥ inferior vena cava tumor thrombus**
 レベル 2 以下の IVC 腫瘍塞栓を有する腎癌に対するロボット支援下手術
 Kojiro Ohba (Department of Urology, Nagasaki University Graduate School of Biomedical Sciences, Japan)
 大庭康司郎 (長崎大学大学院医歯薬学総合研究科泌尿器科学)

September 5 (Sat) Room 14 (Conference Center 3F 301)

8:00~9:30

Symposium 39 New Era of Metabolic and Bariatric Surgery ~In the Era of GLP-1 RA~ 減量・代謝改善手術の新時代 ~ GLP-1 の時代における外科治療の役割 ~

Chair Masayuki Ohta (Department of Surgery, Kitakyushu Chuo Hospital)
 太田 正之 (北九州中央病院外科)
 Takeshi Naitoh (Department of lower gastrointestinal surgery, Kitasato University School of Medicine)
 内藤 剛 (北里大学下部消化管外科学)

SY39-1 (Keynote Lecture)

How are GLP agonists impacting Bariatric and Metabolic Surgery
 Peter Goh (ASG, Singapore, Malaysia, Brunei, China, Russia, Germany and Georgia)

SY39-2 Current Status and Future Perspectives of Metabolic Surgery in the GLP-1 Receptor Agonist Era

GLP-1 時代における減量代謝改善外科の現在地と未来
 Kazunori Kasama (Yotsuya Medical Cube, Japan)
 笠間 和典 (四谷メディカルキューブ)

SY39-3 Metabolic Bariatric Surgery in the GLP-1 Era: Current and Future Combination Therapy

GLP-1 時代の減量代謝改善手術：Combination therapy の現状とこれから
 Kohei Uno (Division of Upper GI Surgery, Department of Surgery, The Jikei University School of Medicine, Japan)
 宇野 耕平 (東京慈恵会医科大学附属病院外科学講座上部消化管外科)

SY39-4 Reconsidering the Significance of Metabolic Surgery Through the Gut-Brain Axis: The Role of Surgical Treatment in the GLP-1 Era **Gut-brain axis から再考する Metabolic surgery の意義**

Hideya Kashiwara (Department of Surgery, Tokushima university, Japan)
 柏原 秀也 (徳島大学消化器移植外科)

- SY39-5 How do we achieve the dual therapy both metabolic surgery and GLP-1/GIP-RA?
減量・代謝改善手術における GLP-1RA や GLP-1/GIP-RA による適切な介入時期はいつか？

Akira Umemura (Department of Surgery, School of Medicine Iwate Medical University, Japan)

梅邑 晃 (岩手医科大学医学部外科学講座)

September 5 (Sat) Room 14 (Conference Center 3F 301)

14:20~15:50

Symposium 40 Learn from Gastric Cancer Surgery and Metabolic and Bariatric Surgery

胃癌外科、減量外科それぞれから学ぶこと

Chair Hisahiro Matsubara (Center for Disease Control and Prevention, Sanmu Medical Center)

松原 久裕 (地方独立行政法人さんむ医療センター疾病予防センター)

Noriyuki Inaki (Department of Gastrointestinal Surgery / Breast Surgery, Kanazawa University)

稲木 紀幸 (金沢大学医薬保健研究域医学系消化管外科学 / 乳腺外科学)

- SY40-1 Application of Insights Gained from Gastric Cancer Surgery and Bariatric Surgery
胃癌外科、減量外科からそれぞれ学んだこととその応用

Kentaro Inoue (Department of Upper Gastrointestinal Surgery, Kansai Medical University, Japan)

井上健太郎 (関西医科大学上部消化管外科学講座)

- SY40-2 The tacit knowledge of gastric cancer surgery and metabolic surgery complements each other.

胃癌手術と減量・代謝改善手術の暗黙知を相互補完する

Yasunori Matsumoto (Department of Frontier Surgery, Graduate School of Medicine, Chiba University, Japan)

松本 泰典 (千葉大学大学院医学研究院先端応用外科学)

- SY40-3 Surgical Strategies for Laparoscopic Gastrectomy in Metabolic and Bariatric Surgery

減量・代謝改善手術における腹腔鏡下胃切除の工夫

Yota Tanahashi (Department of Surgery, School of Medicine, Iwate Medical University, Japan)

棚橋 洋太 (岩手医科大学医学部外科学講座)

- SY40-4 Standardization of gastric fundus mobilization in laparoscopic sleeve gastrectomy
スリーブ状胃切除術における胃穹窿部授動の定型化：胃癌手術から減量手術への応用

Yudai Hojo (Division of Upper GI, Department of Gastroenterological Surgery, Hyogo Medical University, Japan)

北條 雄大 (兵庫医科大学上部消化管外科)

- SY40-5 A novel approach to robotic-assisted laparoscopic gastrectomy for severely obese patients (BMI>30)

高度肥満症例(BMI>30)に対するロボット支援下腹腔鏡下胃切除術の工夫

Tomonari Suetsugu (Department of Surgery, Gifu Prefectural General Medical Center, Japan)

末次 智成 (岐阜県総合医療センター)

- SY40-6 Pathophysiology and treatment strategies of dumping syndrome and post-bariatric hypoglycemia**
Dumping 症候群と post-bariatric hypoglycaemia の病態生理と治療戦略
 Hiroshi Yamamoto (Department of Surgery, JCHO Shiga Hospital, Japan/Department of Bariatric and Metabolic Surgery, JCHO Shiga Hospital, Japan)
 山本 寛 (独立行政法人地域医療機能推進機構滋賀病院外科/独立行政法人地域医療推進機構滋賀病院減量代謝改善外科)
- SY40-7 Interpreting Weight Loss After Gastrectomy: Gastric Cancer and Bariatric Surgery**
胃切除後の体重変化をどう捉えるか：胃癌手術と減量・代謝改善手術の視点から
 Kengo Hayashi (Department of Gastrointestinal Surgery, Kanazawa University Hospital, Japan)
 林 憲吾 (金沢大学附属病院消化管外科)
- SY40-8 Preserving Weight, Prolonging Life - Gastric Cancer Surgery, Reducing Weight, Extending Life - Bariatric & Metabolic Surgery**
体重を減らさず長生き胃癌手術 体重を減らして長生き減量・代謝改善手術
 Fumihiko Hatao (Department of Surgery, Tokyo Metropolitan Tama Medical Center, Japan)
 畑尾 史彦 (東京都立多摩総合医療センター消化器・一般外科)

September 5 (Sat) Room 15 (Conference Center 3F 302)

12:40~14:10

Symposium 41 Best Practices for Laparoscopic Ventral Hernia Repair

腹腔鏡下腹壁ヘルニア修復術のベストプラクティス

Chair Hiroshi Hirukawa (Department of Surgery, Tachikawa General Hospital)

蛭川 浩史 (立川総合病院外科)

Kiyotaka Imamura (Abdominal Hernia Center, Yotsuya Medical Cube)

今村 清隆 (四谷メディカルキューブ腹部ヘルニア総合センター)

- SY41-1 eTEP Rives-Stoppa by stapler repair technique without crossover and fascial suturing**
クロスオーバーおよび筋鞘縫合を伴わない eTEP Rives-Stoppa 修復術 — ステープラーリペア法
 Kentaro Shinohara (Division of Gastroenterological Surgery, Department of Surgery, Aichi Medical University, Japan)
 篠原健太郎 (愛知医科大学病院)
- SY41-2 Extended Totally Extraperitoneal Repair Based on Guideline-Recommended Planes for Incisional Hernia**
ガイドライン推奨に基づく腹壁癒痕ヘルニアに対する eTEP 法の検討
 Yoshiro Imai (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University, Japan)
 今井 義朗 (大阪医科大学附属病院一般・消化器外科)
- SY41-3 Laparoscopic Preperitoneal Repair for Ventral Hernia**
腹壁ヘルニアに対する腹腔鏡下腹膜外修復術の検討
 Hiroshi Hirukawa (Department of Surgery, Tachikawa General Hospital, Japan)
 蛭川 浩史 (立川総合病院外科)

- SY41-4 Enhanced mesh fixation to the abdominal wall in laparoscopic IPOM plus improves clinical outcomes
メッシュ固定の強化による IPOM Plus 法の Minor modification
Hirohisa Okabe (Department of Gastroenterological Surgery, Graduate School of Life Sciences, Kumamoto University, Japan)
岡部 弘尚 (熊本大学消化器外科)
- SY41-5 Short-term outcomes of endoscopic transversus abdominis release for midline incisional hernia repair
Georgiy Ivakhov (Pirogov Russian National Research Medical University, Russia)
- SY41-6 Case Series: Outcomes of Laparoscopic eTEP Ventral Hernia Repair at Chong Hua Hospital Mandaue
Ric Jhonino Lao Solijon (Department of Surgery, Chong Hua Hospital Mandaue, Cebu, Philippines)
- SY41-7 LIRA, e-TEP and preperitoneal approach: New trends in minimally invasive abdominal wall reconstruction
Salvador Morales-Conde (Department of General and Digestive Surgery, University Hospital Virgen Macarena (Sevilla, Spain))

September 5 (Sat) Room 15 (Conference Center 3F 302)

14:20~15:50

Symposium 42 Best Practices for Laparoscopic Inguinal Hernia Repair

腹腔鏡下鼠径ヘルニア修復術のベストプラクティス

- Chair Tetsushi Hayakawa (Laparoscopic Hernia Center, Meiho Hospital)
早川 哲史 (名豊病院腹腔鏡ヘルニアセンター)
Yo Kawarada (Department of surgery, Tonan Hospital)
川原田 陽 (国家公務員共済組合連合会斗南病院外科)

- SY42-1 Best Practice Recommendations for Adult LPEC by a Pediatric Surgeon and Hernia-Certified Surgeon
小児外科医かつヘルニア技術認定医からみた成人 LPEC のベストプラクティス
Shoko Kato (Department of Gastroenterological Surgery, Aichi Medical University, Japan)
加藤 翔子 (愛知医科大学病院消化器外科)
- SY42-2 Evaluation of Surgical Operability in TAPP/SILS-TEP Based on Preoperative CT Assessment
術前 CT 評価に基づく TAPP / 単孔式 TEP における手術操作性の検討
Manabu Mikamori (Department of Surgery, Nishinomiya Keiai-kai Hospital, Japan)
三賀森 学 (西宮敬愛会病院外科)
- SY42-3 I believe that the SILS-TEP method is the first choice for treating inguinal hernia, a common abdominal wall disease.
Common disease である腹壁疾患の鼠径ヘルニア治療の第一選択は SILS-TEP 法だと思います
Yoshihiro Ikeda (Okayama Gi Surgical Clinic, Japan)
池田 義博 (岡山そけいヘルニア日帰り手術 Gi 外科クリニック外科)

- SY42-4 Treatment Strategy for Strangulated Hernia Using TEP Combined with Intraperitoneal Observation**
腹腔内観察併用 TEP を用いた絞扼性ヘルニアの治療戦略
 Yuki Okawa (Department of Surgery, Tonan Hoapital, Japan)
 大川 裕貴 (斗南病院外科)
- SY42-5 Standardized and Safe Laparoscopic Inguinal Hernia Repair: Outcomes of the TEP Approach**
安全確実な腹腔鏡下鼠径ヘルニア修復術：TEP の定型化と治療成績
 Yuji Konishi (Department of Surgery, NHO Hokkaido Medical Center, Japan)
 小丹枝裕二 (国立病院機構北海道医療センター外科・消化器外科)
- SY42-6 Tips of Transabdominal Preperitoneal (TAPP) Repair for Sliding Inguinal Hernias**
滑脱型外鼠径ヘルニアに対する腹腔鏡下鼠径ヘルニア修復術 (TAPP) のコツ
 Minoru Tanaka (Department of Surgery, Saiseikai Matsusaka General Hospital, Japan)
 田中 穰 (済生会松阪総合病院外科)
- SY42-7 Tips and pitfalls of TAPP for recurrent groin hernia**
再発鼠径部ヘルニアに対する腹腔鏡下修復術 (TAPP) の Tips and pitfalls
 Kosuke Mizukoshi (Department of Surgery, Kuwana Medical Center, Japan)
 水越 幸輔 (桑名市総合医療センター外科)
- SY42-8 Tips for the TAPP Procedure Gained Through Training Junior Surgeons**
若手術者への指導から見た、TAPP 法のコツ
 Takahide Yokoyama (Department of Surgery, Shinshu Ueda Medical Center, Japan)
 横山 隆秀 (信州上田医療センター外科・消化器外科)

September 5 (Sat) Room 16 (Conference Center 3F 303)

9:40~11:10

Symposium 43 Recurrent Laryngeal Nerve Lymphadenectomy in Robot-Assisted Minimally Invasive Esophagectomy

ロボット支援食道切除術における反回神経周囲リンパ節郭清

Chair Takashi Kamei (Department of Surgery, Tohoku University Graduate School of Medicine)

亀井 尚 (東北大学大学院医学系研究科消化器外科)

Kazuo Koyanagi (Department of Gastroenterological Surgery, Tokai University School of Medicine)

小柳 和夫 (東海大学消化器外科)

SY43-1 Recurrent Laryngeal Nerve Palsy After Esophagectomy: Better Surgery or Better Statistics?

Yin-Kai CHAO (Department of thoracic surgery, Chang Gung memorial hospital-Linkou, Taiwan)

SY43-2 Rational upper mediastinal lymphadenectomy in RAMIE

RAMIE における合理的上縦隔郭清

Taro Oshikiri (Department of Gastrointestinal Surgery and Surgical Oncology, Ehime University Hospital, Japan)

押切 太郎 (愛媛大学消化管・腫瘍外科)

- SY43-3 Significance of Upper Mediastinal Lymph Node Dissection in the Era of Neoadjuvant Chemotherapy**
術前化学療法時代における上縦隔リンパ節郭清の意義
 Hiroyuki Daiko (Division of Esophageal Surgery, National Cancer Center Hospital, Japan)
 大幸 宏幸 (国立がん研究センター中央病院)
- SY43-4 Impact of Procedural Standardization on Outcomes of Robot-Assisted Minimally Invasive Esophagectomy for Esophageal Cancer**
ロボット支援胸腔鏡下食道切除術における反回神経周囲リンパ節郭清の定型化
 Yoshiaki Shoji (Department of Gastroenterological Surgery, Tokai University School of Medicine, Japan)
 庄司 佳晃 (東海大学医学部外科学系消化器外科学)
- SY43-5 A Safe Technique for Left Upper Mediastinal Lymph Node Dissection in Robot-Assisted Esophagectomy**
ロボット支援食道切除術における安全な左上縦隔郭清手技
 Yusuke Taniyama (Department of Surgery, Tohoku University, Japan)
 谷山 裕亮 (東北大学総合外科)
- SY43-6 Standardizing Dissection based on Microanatomy of Mesentery-like Structures with Feeding Vessels**
微細解剖に基づく上縦隔郭清の定型化 - 間膜様構造と流入血管 -
 Masazumi Sakaguchi (Department of Surgery, Kyoto University, Japan)
 坂口 正純 (京都大学消化管外科)
- SY43-7 Suitable approach to right upper mediastinal lymph node dissection in RAMIE**
RAMIE での右上縦隔リンパ節郭清へのアプローチ
 Tomonori Nakanoko (Dept. of Gastrointestinal Surgery, Kyushu University, Japan / Dept. of Surgery and Science, Kyushu University, Japan)
 中ノ子智徳 (九州大学病院消化管外科 / 九州大学大学院消化器・総合外科)
- SY43-8 Standardization of Superior Mediastinal Dissection in RAMIE Focusing on the Normal Position of the Recurrent Laryngeal Nerve**
反回神経正位置を重視した RAMIE 上縦隔郭清の定型化
 Kazuhiro Noma (Department of Gastroenterological Surgery, Okayama University, Japan)
 野間 和広 (岡山大学消化器外科)

Symposium 44 Mastering Lymph Node Dissection for Advanced Colorectal Cancer**進行大腸癌のリンパ節郭清を極める**

Chair Masafumi Inomata (Department of Gastroenterological and Pediatric Surgery, OITA University Faculty of Medicine)

猪股 雅史 (大分大学医学部消化器・小児外科学講座)

Mamoru Uemura (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)

植村 守 (大阪大学消化器外科)

SY44-1 Standardization of D3 Lymph Node Dissection for Right-Sided Colon Cancer and Lateral Pelvic Lymph Node Dissection
右側結腸癌 D3 郭清と側方リンパ節郭清の定型化

Hiroyasu Kagawa (Department of Gastrointestinal Surgery, Institute of Science Tokyo, Japan)

賀川 弘康 (東京科学大学消化管外科学分野)

SY44-2 Key Principles and Surgical Techniques of Lateral Lymph Node Dissection for Advanced and Recurrent Rectal Cancer

進行・再発直腸癌に対する側方リンパ節郭清の要点と手技

Mamoru Uemura (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)

植村 守 (大阪大学消化器外科)

SY44-3 Safe and reliable D3 lymph node dissection in robotic right hemicolectomy for right-sided colon cancer

右側結腸癌に対する安全かつ確実なロボット支援下結腸右半切除術 D3 郭清

Takayoshi Kishida (Department of Gastroenterological Surgery, Aichi Cancer Center Hospital, Japan)

岸田 貴喜 (愛知県がんセンター消化器外科部)

SY44-4 Improving Precision of D3 Dissection Around the MCA Using a Cranial-First Approach in Right Colon Cancer

右側結腸癌における頭側アプローチ先行による MCA 周囲 D3 郭清の精度向上

Yukitoshi Todate (Department of Surgery, Southern TOHOKU General Hospital, Japan / Department of Minimally Invasive Surgical and Medical Oncology, FUKUSHIMA Medical University, Japan)

外館 幸敏 (総合南東北病院外科／福島県立医科大学低侵襲腫瘍制御学講座)

SY44-5 D3 Dissection along the Left Side of the SMA for Advanced Transverse Colon Cancer: Comparison with SMV Anterior Dissection and Surgical Technique

進行横行結腸癌に対する SMA 左縁 D3 郭清：SMV 前面郭清との比較と手技の実際

Yasuyuki Takamizawa (National Cancer Center Hospital, Department of Colorectal Surgery, Japan)

高見澤康之 (国立がん研究センター中央病院)

- SY44-6 **Robotic D3 Lymphadenectomy Along the Surgical Trunk and Its Application to Lateral Lymph Node Dissection**
 ロボット支援手術による Surgical trunk の D3 郭清と側方郭清への応用—若手外科医への継承—
 Shunsuke Kasai (Division of Colon and Rectal Surgery, Shizuoka Cancer Center, Japan)
 笠井 俊輔 (静岡県立静岡がんセンター大腸外科)
- SY44-7 **Robotic lateral lymph node dissection for rectal cancer: Surgical outcomes and technical considerations**
 直腸癌に対するロボット支援側方リンパ節郭清 ～手術成績と郭清手技の要点～
 Riki Ohno (Department of Gastroenterological Surgery, Saitama Cancer Center, Japan)
 大野 吏輝 (埼玉県立がんセンター消化器外科)
- SY44-8 **Standardization of lateral lymph node dissection**
 側方リンパ節郭清の定型化
 Yusuke Maeda (Department of Gastroenterological Surgery, Toranomon Hospital, Japan)
 前田 裕介 (虎の門病院)

Panel Discussion / パネルディスカッション

September 2 (Wed) Room 6 (Conference Center 4F 411+412) 16:20~17:50

Panel Discussion 1 Minimally Invasive Approaches for Anterior Mediastinal Tumors 前縦隔腫瘍に対する低侵襲アプローチ

- Chair Masayoshi Inoue (Division of Thoracic Surgery, Department of Surgery, Kyoto Prefectural University of Medicine)
 井上 匡美 (京都府立医科大学呼吸器外科学)
- Takako Matsumoto (Center for Medical and Nursing Education/ Department of Thoracic Surgery, Tokyo Women's Medical University)
 松本 卓子 (東京女子医科大学統合教育学修センター / 呼吸器外科)

- PD1-1 **Robot-Assisted Thoracoscopic Surgery for Anterior Mediastinal Tumors: A Single-Institution Experience**
 当院における前縦隔腫瘍に対するロボット支援手術
 Tamami Isaka (Department of Thoracic Surgery, Tokyo Women's Medical University, Japan)
 井坂 珠子 (東京女子医科大学呼吸器外科)
- PD1-2 **Oncological Validity of the Subxiphoid Bilateral Thoracic Approach for Thymoma**
 胸腺腫に対する剣状突起下両側開胸アプローチの腫瘍学的妥当性
 Naoko Ose (Department of General Thoracic Surgery, The University of Osaka Graduate School of Medicine, Japan)
 大瀬 尚子 (大阪大学呼吸器外科)

- PD1-3 Current Status of Minimally Invasive Robotic Surgery for Anterior Mediastinal Tumors: A Comparative Analysis of Subxiphoid and Lateral Thoracic Approaches**
前縦隔腫瘍に対する低侵襲ロボット手術の現在地：剣状突起下と側胸部アプローチの比較から見える適応と課題
 Takuro Miyazaki (Division of Thoracic Surgery, Department of Surgery, Nagasaki Graduate School of Biomedical Sciences, Japan)
 宮崎 拓郎 (長崎大学外科学講座)
- PD1-4 Robotic Subxiphoid-optical thymectomy for thymic epithelial tumours**
胸腺上皮性腫瘍に対する剣状突起下アプローチロボット支援胸腺摘出術の成績
 Masanori Shimomura (Department of Thoracic Surgery, Japanese Red Cross Society Kyoto Daiichi Hospital, Japan)
 下村 雅律 (京都第一赤十字病院呼吸器外科)
- PD1-5 Current Status of RATS Anterior Mediastinal Tumor Surgery at Our Hospital**
当院における RATS 前縦隔腫瘍手術の現状
 Kazuhito Nii (Department of General thoracic surgery, Japan Red Cross Maebashi Hospital, Japan)
 新居 和人 (前橋赤十字病院呼吸器外科)
- PD1-6 Tips and Pitfalls of the Subxiphoid Approach for Anterior Mediastinal Tumors: A Single-Center Experience of 348 Cases**
前縦隔腫瘍に対する剣状突起下アプローチ 348 例から得たコツとピットフォール
 Takahiro Negi (Department of Thoracic Surgery, Fujita Health University Okazaki Medical Center, Japan)
 根木 隆浩 (藤田医科大学岡崎医療センター呼吸器外科)
- PD1-7 Initial experience with uniportal robotic-assisted surgery for mediastinal tumors, focusing on anterior mediastinal lesions**
前縦隔腫瘍を中心とした単孔式ロボット支援下縦隔腫瘍手術の初期経験
 Hiromitsu Domen (Department of Thoracic Surgery, NTT Medical Center Sapporo, Japan)
 道免 寛充 (NTT東日本札幌病院呼吸器外科)
- PD1-8 Platform Transition Strategy for Robotic Surgery in Anterior Mediastinal Tumors**
前縦隔腫瘍に対するロボット手術のプラットフォーム移行戦略
 Daisuke Hokka (Division of Thoracic Surgery, Kobe University Hospital, Japan / Division of Thoracic Surgery, Kobe University Hospital International Clinical Cancer Research Center, Japan)
 法華 大助 (神戸大学医学部附属病院呼吸器外科 / 神戸大学医学部附属病院国際がん医療・研究センター呼吸器外科)

Panel Discussion 2 Treatment Options for Stage IV Colorectal Cancer Surgery

Stage IV 大腸癌手術の治療選択

Chair Keiji Hirata (Department of Surgery 1, University of Occupational and Environmental Health)

平田 敬治 (産業医科大学第1外科)

Seiichiro Yamamoto (Department of Gastroenterological Surgery, Tokai University School of Medicine)

山本聖一郎 (東海大学消化器外科)

PD2-1 Multimodal Strategy Aimed at Achieving R0 Resection in Colorectal Cancer with Synchronous Liver Metastases

同時性肝転移を有する大腸癌に対する R0 切除を目指したアプローチ

Tetsuro Kawazoe (Department of Surgery and Science, Graduate School of Medicine, Kyushu University, Japan)

川副 徹郎 (九州大学大学院消化器・総合外科)

PD2-2 Therapeutic Strategies Aiming for Curative Resection in Colorectal Cancer with Liver and Lung Metastases

大腸癌肝肺転移に対する治癒切除を目指した治療戦略

Kentaro Sato (Department of Colorectal Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Japan)

佐藤健太郎 (公益財団法人がん研究会有明病院大腸外科)

PD2-3 How Safe Is Minimally Invasive Simultaneous Resection for Synchronous Colorectal Liver Metastases?

大腸癌同時性肝転移に対する低侵襲同時切除

Yuji Miyamoto (Department of Gastroenterological Surgery, Graduate School of Medical Sciences, Kumamoto University, Japan)

宮本 裕士 (熊本大学病院消化器外科)

PD2-4 Effect of primary tumor resection in stage IV colorectal cancer

Stage IV 大腸癌における原発巣切除の効果

Mariko Yamashita (Department of Surgery, Nagasaki University, Japan)

山下真理子 (長崎大学外科学講座)

PD2-5 Management of the Primary Tumor in Stage IV Colorectal Cancer: Differences Between Colon and Rectal Cancer

Stage IV 大腸癌に対する結腸癌・直腸癌別の原発巣マネジメントの検討

Naoya Aisu (St. Luke's International Hospital, Department of Surgery, Japan)

愛洲 尚哉 (聖路加国際病院消化器・一般外科)

PD2-6 Significance of Laparoscopic LLND for Resectable cStage IV Lower Rectal Cancer

切除可能な cStageIV 下部直腸癌における鏡視下側方郭清の意義

Yukihiro Mori (Division of Colon and Rectal Surgery, Shizuoka Cancer Center, Japan)

森 千浩 (静岡県立静岡がんセンター大腸外科)

- PD2-7 Surgical strategy for Stage IV colorectal cancer: timing of primary and metastatic resection
Stage IV 大腸癌の手術治療戦略—原発巣・転移巣切除のタイミングと内視鏡外科手術の意義
Seiichi Shinji (Department of Gastroenterological Surgery, Nippon Medical School, Japan)
進士 誠一 (日本医科大学消化器外科)
- PD2-8 Treatment outcomes of minimally invasive surgery for stage IV colorectal cancer
Stage IV 大腸癌に対する低侵襲手術の治療成績
Atsushi Hamabe (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)
浜部 敦史 (大阪大学医学部医学科)

September 2 (Wed) Room 15 (Conference Center 3F 302)

16:20~17:55

Panel Discussion 3 Short- and Long-term Outcomes of Intracorporeal Anastomosis in Colon Cancer Surgery

結腸癌手術における体腔内吻合の短期・長期成績

Chair Keitaro Tanaka (General, Breast and Digestive Surgery, Otsu City Hospital / Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University / Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University)

田中慶太郎 (市立大津市民病院一般・乳腺・消化器外科／大阪医科薬科大学一般・消化器外科／大阪医科薬科大学一般・消化器外科)

Akio Shiomi (Division of Colon and Rectal Surgery, Shizuoka Cancer Center)

塩見 明生 (静岡県立静岡がんセンター大腸外科)

Special Comment Barry A Salky (Department of Surgery, Division of Minimally Invasive Surgery (Emeritus), Mount Sinai Health System, New York, USA)

PD3-1 Clinical outcomes of intracorporeal anastomosis at our institution
当院における体腔内吻合の治療成績

Masato Nukui (Department of Colorectal Surgery, National Cancer Center Hospital, Japan)

貫井 聖人 (国立がん研究センター中央病院大腸外科)

PD3-2 Short and mid-term outcomes of intracorporeal anastomosis by robot-assisted surgery for colon cancer

ロボット支援結腸癌手術における体腔内吻合の短期・中期成績

Yusuke Tanaka (Division of Colon and Rectal Surgery, Japan)

田中 佑典 (静岡県立静岡がんセンター大腸外科)

- PD3-3 Short- and Mid-term Outcomes of Intracorporeal Anastomosis in Robot-assisted Surgery for Colon Cancer**
 当院のロボット支援結腸癌手術における体腔内吻合の短期・中期成績の検討
 Akira Kato (Department of Gastrointestinal Surgery, Nagoya City University, Japan)
 加藤 瑛 (名古屋市立大学病院消化器外科)
- PD3-4 Risk factors for peritoneal recurrence after robotic colectomy with intracorporeal anastomosis**
 ロボット支援結腸体腔内吻合における術後腹膜播種再発因子の解析と検討
 Gaku Inaguma (Department of Surgery, Fujita Health University, Japan)
 稲熊 岳 (藤田医科大学病院総合消化器外科)
- PD3-5 Short- and mid-term outcomes of intracorporeal anastomosis for colon cancer**
 結腸癌に対する体腔内吻合の短期、中期成績
 Koji Soga (Department of Surgery, Kyoto Chubu Medical Center, Japan/Japanese Red Cross Kyoto Daiichi Hospital, Japan)
 曾我 耕次 (京都中部総合医療センター外科/京都第一赤十字病院外科)
- PD3-6 Treatment outcomes of intracorporeal anastomosis in minimally invasive colon cancer surgery**
 腹腔鏡下 / ロボット支援結腸癌手術における体腔内吻合の治療成績：Propensity score-matched 解析
 Masayuki Hiraki (Department of Gastroenterological Surgery, Kansai Rosai Hospital, Japan/Department of Gastroenterological Surgery, Osaka General Medical Center, Japan)
 平木 将之 (関西労災病院消化器外科/大阪急性期総合医療センター消化器外科)
- PD3-7 Short- and Long-Term Outcomes of Intracorporeal versus Extracorporeal Anastomosis in Colon Cancer Surgery**
 当院における結腸癌に対する体腔内吻合と体腔外吻合の短期・長期成績の検討
 Yumi Sota (Colorectal Surgery Division, National Cancer Center Hospital East, Japan)
 曾田 祐民 (国立がん研究センター東病院大腸外科)
- PD3-8 Long-term outcomes of intracorporeal anastomosis in laparoscopic surgery for colon cancer: Results from the ICAN study**
 腹腔鏡下結腸癌手術における体腔内吻合の長期治療成績 -ICAN study の結果から -
 Hiroki Hamamoto (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University, Japan)
 濱元 宏喜 (大阪医科大学一般・消化器外科)
- PD3-9 Comparison of minimally invasive colectomy between intra- vs extra-corporeal anastomosis technique**
 大学関連多施設共同レジストリを用いた結腸癌手術における体腔内吻合と体外吻合の成績比較
 Yoshiro Itatani (Department of Surgery, Graduate School of Medicine, Kyoto University, Japan)
 板谷 喜朗 (京都大学消化管外科)

Panel Discussion 4 Exploring the Optimal Minimally Invasive Approach for Gallbladder Cancer

胆嚢癌に対する適切な低侵襲術式を問う

Chair Toshiki Rikiyama (Department of Surgery, Saitama Medical Center, Jichi Medical University)

力山 敏樹 (自治医科大学附属さいたま医療センター一般・消化器外科)

Osamu Itano (Department of Hepato-Biliary-Pancreatic & Gastrointestinal Surgery, International University of Health and Welfare School of Medicine)

板野 理 (国際医療福祉大学医学部消化器外科)

PD4-1 Optimal procedure selection and lymph node dissection in minimally invasive surgery for gallbladder carcinoma

胆嚢癌に対する低侵襲手術の術式選択とリンパ節郭清適応に関する検討

Takuya Minagawa (Department of Hepato-Biliary-Pancreatic and Gastrointestinal Surgery, School of Medicine, International University of Health and Welfare, Japan)

皆川 卓也 (国際医療福祉大学医学部消化器外科)

PD4-2 Optimal Surgical Strategy and Outcomes for Suspected T1/T2 Gallbladder Cancer

T1/T2 胆嚢癌疑いに対する至適術式と治療成績の検討

Ryosuke Yamanaka (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Japan)

山中 良輔 (東京女子医大病院消化器・一般外科)

PD4-3 Role of Preoperative Imaging and Intraoperative Frozen Section in Surgical Management of Gallbladder Cancer: A Single-Center Experience

術前画像評価と術中迅速病理検査を用いた胆嚢癌に対する至適な手術戦略

Daisuke Hokuto (Department of surgery, Nara Prefecture General Medical Center, Japan)

北東 大督 (奈良県総合医療センター)

PD4-4 Minimally invasive surgery for suspected gallbladder cancer: Evaluation of full-thickness resection and regional lymph node sampling

胆嚢癌疑診例に対する低侵襲手術：全層切除と領域リンパ節サンプリングによる検討

Hideaki Sato (Department of Surgery, Tohoku University Graduate School of Medicine, Japan)

佐藤 英昭 (東北大学大学院消化器外科学)

PD4-5 Two-stage surgical approach for suspected gallbladder cancer

胆嚢癌疑診例に対する two-stage approach の妥当性検証

Masao Nakajima (Department of Gastroenterological, Breast and Endocrine Surgery, Yamaguchi University Graduate School of Medicine, Japan)

中島 正夫 (山口大学医学部附属病院消化器・腫瘍外科)

- PD4-6 Laparoscopic cholecystectomy combined with systematic cholecystic mesentery excision (LC-SME) for suspected gallbladder cancer: A novel surgical approach
胆嚢癌疑診例に対する胆嚢間膜切除を伴う腹腔鏡下胆嚢摘出術
Teijiro Hirashita (Department of Gastrointestinal and Pediatric Surgery, Oita University Faculty of Medicine, Japan)
平下 禎二郎 (大分大学医学部消化器・小児外科)
- PD4-7 Outcomes of Laparoscopic Surgery for Malignant Gallbladder Tumors in Clinically T2 Disease
cT2 胆嚢癌に対する腹腔鏡下胆嚢悪性腫瘍手術の治療成績の検討
Yuta Ushida (Department of Gastroenterological Surgery, Kameda Medical Center, Chiba, Japan)
牛田 雄太 (亀田総合病院消化器外科)
- PD4-8 Standardization and Short-Term Outcomes of Common Bile Duct-Preserving Laparoscopic Gallbladder Bed Resection for Advanced Gallbladder Cancer
進行胆嚢癌に対する総胆管温存下腹腔鏡下胆嚢床切除の定型化と短期成績
Yoshiki Fujiyama (Department of General, Pediatric and Hepato-Biliary-Pancreatic Surgery, Kitasato University Hospital, Japan)
藤山 芳樹 (北里大学病院一般・小児・肝胆膵外科)

September 3 (Thu) Room 2 (Conference Center 5F 501)

15:40~17:10

Panel Discussion 5 Endoscopic Surgery Skills Qualification System in the Robotic Era ロボット時代の内視鏡外科技術認定制度

Chair Suguru Hasegawa (Department of gastroenterological surgery, Fukuoka University)

長谷川 傑 (福岡大学消化器外科)

Tsukasa Baba (Department of Obstetrics and Gynecology, Iwate Medical University)

馬場 長 (岩手医科大学産婦人科)

- PD5-1 The History and Future Prospects of the Endoscopic Surgery Qualification System
内視鏡外科技術認定制度のこれまでと今後の展望
Hiroya Kuroyanagi (Department of Colorectal Surgery, Toranomon Hospital, Japan)
黒柳 洋弥 (虎の門病院消化器外科 (下部消化管))
- PD5-2 Objective AI Evaluation of Robotic Surgery for JSES Skill Qualification Review
AI 解析を用いたロボット手術手技の客観的評価—技術認定審査への応用を見据えて—
Kurumi Sahara (Department of Gastroenterological Surgery, Fukuoka University, Japan)
佐原くるみ (福岡大学消化器外科)
- PD5-3 Technical Evaluation of Robotic Gastrectomy in the Endoscopic Surgical Skill Qualification System
技術認定制度におけるロボット支援幽門側胃切除術の技術評価
Kazutaka Obama (Department of Surgery, Kyoto University, Japan)
小濱 和貴 (京都大学消化管外科)

- PD5-4 **Ideal Form of the Endoscopic Surgical Skill Qualification System in Pancreatic Surgery in the Robotic Era**
 ロボット時代の膵臓外科における内視鏡外科技術認定制度のあり方
 Yuichi Nagakawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
 永川 裕一 (東京医科大学消化器・小児外科学分野)
- PD5-5 **Endoscopic Surgical Skill Qualification System in the Robotic Era: The Field of Thoracic Surgery**
 ロボット時代の内視鏡外科技術認定制度～呼吸器領域
 Toshihiko Sato (Department of Thoracic, Breast and Pediatric Surgery, Japan)
 佐藤 寿彦 (福岡大学呼吸器乳腺小児外科)
- PD5-6 **How Can We Utilize Intraoperative AI to Train Board-Certified Surgeons in the Age of Robotics? - Current Status and Challenges to Overcome**
 ロボット時代における技術認定医育成に術中 AI を活用できるか?～現状と克服すべき課題
 Atsuro Sawada (Department of Urology, Faculty of Medicine University of Miyazaki, Japan)
 澤田 篤郎 (宮崎大学医学部発達泌尿生殖医学講座泌尿器科学分野)
- PD5-7 **AI 3D pelvic MRI segmentation and VR simulation for gynecologic surgical education and development**
 AI 骨盤 MRI 自動 3D セグメンテーションと VR シミュレーションを婦人科手術教育と応用
 Ryusuke Murakami (Department of Gynecology and Obstetrics, Graduate School of Medicine and Faculty of Medicine, Kyoto University, Japan)
 村上 隆介 (京都大学大学院医学研究科婦人科産科学)

September 3 (Thu) Room 3 (Conference Center 5F 502)

9:00~10:30

Panel Discussion 6 Troubleshooting in Minimally Invasive Liver Resection

低侵襲肝切除におけるトラブルシューティング

Chair Keiichi Okano (Department of Gastroenterological Surgery, Kagawa University)

岡野 圭一 (香川大学消化器外科)

Hiroyuki Nitta (Department of Surgery, Iwate Medical University)

新田 浩幸 (岩手医科大学外科)

- PD6-1 **Key Technical Principles for Ensuring Safety in Laparoscopic Liver Resection**
 Shuguo Zheng (The Institute of Hepatobiliary Surgery of the Army, Southwest Hospital, Army Medical University, China)
- PD6-2 **Laparoscopic Liver Resection: Technical Strategies and Tips to Avoid Open Conversion**
 KuoHsin Chen (Department of Surgery, Far-Eastern Memorial Hospital, Taiwan)

- PD6-3 Troubleshooting in Minimally Invasive Hepatectomy**
低侵襲肝切除におけるトラブルシューティング
 Yoichi Kawano (Department of Gastrointestinal Surgery, Nippon Medical School, Tokyo, Japan)
 川野 陽一 (日本医科大学付属病院消化器外科)
- PD6-4 Hemostatic Strategies for Unexpected Bleeding during Laparoscopic Liver Resection**
腹腔鏡下肝切除時の予期せぬ出血に対する止血戦略
 Gen Yamamoto (Department of Surgery, Kobe City Medical Center General Hospital, Japan)
 山本 玄 (神戸市立医療センター中央市民病院外科)
- PD6-5 Exploratory Study on Troubleshooting Severe Hepatic Venous Bleeding During Minimally Invasive Hepatectomy**
低侵襲肝切除における重度肝静脈出血に対するトラブルシューティングに関する特定臨床研究
 Ryo Ashida (Division of Hepato-Biliary-Pancreatic Surgery, Shizuoka Cancer Center, Japan)
 蘆田 良 (静岡県立静岡がんセンター肝胆膵外科)
- PD6-6 Strategies to avoid intraoperative complications and recovery shots in laparoscopic liver resection**
低侵襲肝切除における合併症対策とトラブルシューティング
 Yutaka Takeda (Department of Surgery, Kansai Rosai Hospital, Japan)
 武田 裕 (関西労災病院消化器外科)
- PD6-7 Bile Duct Repair Using Lapra-Ty for Intraoperative Bile Leakage During Robotic Liver Resection**
ロボット支援下肝切除における術中胆汁漏に対する Lapra-Ty を用いた胆管修復
 Hirotaka Fukuoka (Department of Surgery, Fujita Health University, Japan)
 福岡 裕貴 (藤田医科大学総合消化器外科)
- PD6-8 Glisson first approach for Laparoscopic anatomical hepatectomy on patients with large hepatocellular carcinoma**
術中腫瘍破裂リスクが高い巨大肝細胞癌症例に対する栄養血管先行処理による腹腔鏡下肝切除術
 Jun Muto (Department of General Surgery, Kurashiki Central Hospital, Japan)
 武藤 純 (倉敷中央病院外科)
- PD6-9 Robotic Left lobectomy for Giant Hepatic MCN: Strategies to Prevent Capsular Rupture**
巨大肝 MCN に対するロボット支援下肝左葉切除：被膜破綻を防ぐトラブル回避戦略
 Masahiko Honjo (Hyogo Prefectural Amagasaki General Medical Center, Department of Surgery, Digestive Surgery, Japan)
 本庄 真彦 (兵庫県立尼崎総合医療センター外科・消化器外科)
- PD6-10 Expanding Indications and Patient Selection to Avoid Complications in Laparoscopic Repeat Liver Resection**
当院における腹腔鏡下再肝切除術の適応拡大の変遷と安全な適応症例の検討
 Hajime Kamiya (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East, Japan)
 神谷 肇 (国立がん研究センター東病院肝胆膵外科)

Panel Discussion 7 Endoscopic Thyroid Surgery, Innovations by Endocrine Surgeons and Head & Neck Surgeons

甲状腺内視鏡手術 内分泌外科医と耳鼻咽喉科医の工夫

Chair Makoto Kurose (Department of Otolaryngology-Head and Neck Surgery, Sapporo Medical University)

黒瀬 誠 (札幌医科大学耳鼻咽喉科・頭頸部外科)

Yoshiyuki Saito (Department of Surgery, Ito Hospital)

齋藤 慶幸 (伊藤病院外科)

PD7-1 Endoscopic operations on the thyroid and parathyroid glands at the S.S.Yudin State Clinical Hospital

Elena Viktorovna Yangurazova (Moscow State Budgetary Healthcare Institution “Moscow City Hospital named after S.S. Yudin, Moscow Healthcare Department”, Russia)

PD7-2 The Role of Endoscopic Surgery in Standard Operations for Benign and Malignant Thyroid Diseases

Masayuki Tori (Department of Surgery, Osaka International Medical and Science Center, Japan)

PD7-3 Measures against complications in the expanded indications of endoscopic thyroidectomy

内視鏡下甲状腺手術の適応拡大に対する合併症対策

Tadao Yokoi (Department of General Surgery, St. Luke's International Hospital, Japan)
横井 忠郎 (聖路加国際病院消化器・一般外科)

PD7-4 Innovations and outcomes of endoscopic thyroid surgery in our department

当教室における内視鏡下甲状腺手術の工夫と手術成績

Mariko Misaki (Department of Thoracic, Endocrine Surgery and Oncology, Institute of Health, Biosciences, The University of Tokushima, Japan)
三崎万理子 (徳島大学病院胸部外科内分泌外科学)

PD7-5 Minimally Invasive Thyroid Surgery VANS vs Transaxillary Robotic Thyroidectomy

甲状腺低侵襲手術における VANS 法と経腋窩的ロボット甲状腺手術 (TART) の比較

Shin Takayanagi (Department of Otolaryngology-Head and Neck Surgery, Sapporo Medical University, Japan)

高柳 心 (札幌医科大学付属病院耳鼻咽喉科・頭頸部外科)

Panel Discussion 8 Techniques for Securing Surgical Margins in Pulmonary Segmentectomy

肺区域切除術のマージン確保の工夫

Chair Kimihiro Shimizu (Division of General Thoracic Surgery, Department of Surgery, Shinshu University School of Medicine)
清水 公裕 (信州大学呼吸器外科)

Keisuke Asakura (Division of Thoracic Surgery, Keio University)
朝倉 啓介 (慶應義塾大学外科学 (呼吸器))

- PD8-1 Appropriate preoperative planning and intraoperative identification techniques for thoracoscopic segmentectomy
胸腔鏡下肺区域切除術における適切な術前計画と術中の同定法
Mingyon Mun (Department of Thoracic Surgical Oncology, Cancer Institute Hospital of JFCR, Japan)
文 敏景 (公益財団法人がん研究会有明病院呼吸器センター外科)
- PD8-2 Efforts to Reduce Local Recurrence in Pulmonary Segmentectomy Using Multimodal ICG Evaluation
多角的 ICG 評価を用いた肺区域切除術における局所再発低減への取り組み
Kazuhiro Washio (Department of Thoracic Surgery, Public School Mutual Aid Association, Chugoku Central Hospital, Japan)
鷺尾 一浩 (公立学校共済組合中国中央病院呼吸器外科)
- PD8-3 Strategies to Secure Adequate Margins in Segmentectomy: The Usefulness of SuReFInD Placement
区域切除におけるマージン確保の工夫 SuReFInD 留置の有用性
Masaya Nishino (Department of General Thoracic Surgery, School of Medicine, Kindai University, Japan)
西野 将矢 (近畿大学病院呼吸器外科)
- PD8-4 Outcomes of lung segmentectomy with preoperative computed tomography-guided indocyanine green marking using an overlay fluorescence imaging system
オーバーレイ技術搭載カメラシステムを用いた ICG 蛍光術前 CT ガイド下マーキング併用肺区域切除の治療成績
Takuya Matsui (Department of Thoracic Surgery, Aichi Cancer Center, Aichi, Japan)
松井 琢哉 (愛知県がんセンター)
- PD8-5 Technical strategies for securing surgical margins in navigation-assisted segmentectomy using preoperative marking
術前マーキングを用いたナビゲーション支援区域切除における切除マージン確保の工夫
Taketo Kato (Department of Thoracic Surgery, Nagoya University Graduate School of Medicine, Japan)
加藤 毅人 (名古屋大学医学部附属病院呼吸器外科)
- PD8-6 Techniques for ensuring adequate margins in thoracoscopic segmentectomy
胸腔鏡下肺区域切除のマージンの確保の工夫
Shinichiro Kikunaga (Department of thoracic surgery, Respiratory Center, Toranomon Hospital, Japan)
菊永晋一郎 (虎の門病院呼吸器外科)

- PD8-7 **Intraoperative CBCT-Based Margin Visualization for Distance-Guided Decision Support in Segmentectomy**
 肺区域切除術における術中Cone Beam CT画像解析を用いた距離情報に基づく切除マージンの判断支援
 Masaki Kashiwara (Division of General Thoracic Surgery, Department of Surgery, Kurume University, Japan)
 桒原 正樹 (久留米大学外科学講座呼吸器外科)
- PD8-8 **Selection of intersegmental identification methods based on tumor characteristics in thoracoscopic segmentectomy**
 胸腔鏡下肺区域切除術における腫瘍の特性に応じた区域間同定法の選択
 Hirohisa Kato (Department of Thoracic Surgery, Okitama Public General Hospital, Japan)
 加藤 博久 (公立置賜総合病院呼吸器外科)

September 3 (Thu) Room 13 (Conference Center 4F 419)

9:00~10:30

Panel Discussion 9 Current Situation of Fluorescence-guided Surgery and AI-navigated Surgery **蛍光ガイド手術・AIナビゲーションの実際**

- Chair **Gyu-Seog Choi** (Colorectal Cancer Center, Kyungpook National University Chilgok Hospital / School of Medicine, Kyungpook National University, Daegu, Korea)
Ichiro Takemasa (Department of Gastroenterological surgery, Osaka International Medical and Science Center)
 竹政伊知朗 (大阪国際メディカル & サイエンスセンター消化器外科)

- PD9-1 **ICG Fluorescence and 3D reconstruction guided robotic lateral pelvic node dissection**
 Gyu-Seog Choi (Colorectal Cancer Center, Kyungpook National University Chilgok Hospital / School of Medicine, Kyungpook National University, Daegu, Korea)
- PD9-2 **From Qualitative to Quantitative: ICG Perfusion Assessment in Colorectal Surgery -Evidence and the SPECTACLE Trial**
ICG 蛍光血流評価の進化：定性から定量化へーエビデンスと SPECTACLE 試験
 Jun Watanabe (Department of Colorectal Surgery, Kansai Medical University, Japan)
 渡邊 純 (関西医科大学下部消化管外科学講座)
- PD9-3 **Fluorescence Ureteral Navigation and AI in Rectal Cancer Surgery: Current Status and Future Directions**
蛍光尿管ナビゲーションと AI ナビゲーションの現在地と未来
 Shunjin Ryu (Department of Digestive Surgery, Kawaguchi Municipal Medical Center, Kawaguchi, Japan / Rokken Inc., Japan)
 柳 舜仁 (川口市立医療センター消化器外科 / 株式会社ロッケン)
- PD9-4 **Clinical Availability of an Infrared Illumination System in Robotic Colorectal Surgery**
ロボット大腸癌手術をより精緻に～蛍光尿管ステント IRIS がもたらす安全性と有用性～
 Junki Kato (Department of Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)
 加藤 潤紀 (名古屋市立大学病院消化器外科)

- PD9-5 Fluorescent ureteral catheter-guided navigation in complex minimally invasive colorectal surgery
蛍光尿管カテーテルによる尿管ナビゲーションを活用した高難度低侵襲大腸切除術
Taiga Tenkumo (Department of Gastroenterological Surgery Faculty of Medicine, Kagawa University, Japan)
天雲 大雅 (香川大学医学部消化器外科)
- PD9-6 Interindividual Variability in AI-Derived Tissue Distensibility and Surgical Difficulty in Right-Sided Colon Cancer Surgery
右側結腸癌手術において AI が示す Tissue Distensibility の個体差と手術難度
Takehito Yamamoto (Department of Surgery, Kyoto University, Japan)
山本 健人 (京都大学医学部附属病院消化管外科)
- PD9-7 Robotic-Assisted Rectal Surgery Using Virtual Reality Technology: Potential as a Navigation Surgery Tool
VR 技術を応用したロボット支援下大腸手術：教育・ナビゲーション手術としての可能性
Nobu Oshima (Dept. of Future Medical Science, Kobe University, JAPAN / Dept. of Surgery, CCRI, Kobe City Medical Center General Hospital, Japan)
大嶋 野歩 (神戸大学医学部未来医学講座 / 神戸市立医療センター中央市民病院外科領域研究部)
- PD9-8 Accuracy of anatomical landmark teaching system in laparoscopic left-sided colorectal cancer surgery
腹腔鏡下左側大腸癌手術における解剖学的ランドマーク教示システムの教示精度
Hidefumi Shiroshita (Department of Advanced medical personnel nurturing, Faculty of Medicine, Oita University, Japan)
白下 英史 (大分大学医学部高度医療人育成講座)

September 3 (Thu) Room 14 (Conference Center 3F 301)

14:00~15:30

Panel Discussion 10 PLND in RARP: Current Status and Future Perspectives

RARP における PLND: 現状と展望

Chair Masaki Shimbo (Department of Urology, St. Luke's International Hospital)

新保 正貴 (聖路加国際病院泌尿器科)

Shintaro Narita (Urology, Akita University School of Medicine)

成田伸太郎 (秋田大学泌尿器科)

PD10-1 Indications and Safe Techniques for Pelvic Lymph Node Dissection in Robot-Assisted Radical Prostatectomy

ロボット支援前立腺全摘術における骨盤リンパ節郭清の適応と手技のポイント

Masayuki Sano (Department of Urology, St. Luke's International Hospital, Japan)

佐野 雅之 (聖路加国際病院泌尿器科)

- PD10-2 Optimization of Pelvic Lymph Node Dissection in Prostate Cancer from an Anatomical Perspective
解剖学的視点に基づく前立腺癌リンパ節郭清の最適化
Ryutaro Shimizu (Division of Urology, Department of Surgery, Faculty of Medicine, Tottori University, Japan)
清水龍太郎 (鳥取大学医学部器官制御外科学講座腎泌尿器学分野)
- PD10-3 Current Status and Challenges of Pelvic Lymph Node Dissection in RARP: Balancing Clinical Significance and Procedural Safety
RARP における骨盤リンパ節郭清の現状と課題 —臨床的意義と安全性のバランスについて—
Naoya Sugihara (Department of Urology, Ehime University Graduate School of Medicine, Japan)
杉原 直哉 (愛媛大学医学部泌尿器科)
- PD10-4 Standardizing Lymph Node Dissection and Evaluating Post-Neoadjuvant Templates in Robot-assisted Radical Prostatectomy
ロボット支援腹腔鏡下前立腺全摘除術におけるリンパ節郭清の標準化と術前療法後の郭清範囲の検討
Hiromi Sato (Department of Urology, Akita University School of Medicine, Japan)
佐藤 博美 (秋田大学医学部付属病院)
- PD10-5 Troubleshooting in Pelvic Lymph Node Dissection
骨盤リンパ節郭清におけるトラブルシューティング
Takafumi Yanagisawa (Department of Urology, The Jikei University School of Medicine, Japan)
柳澤 孝文 (東京慈恵会医科大学泌尿器科)

September 3 (Thu) Room 14 (Conference Center 3F 301)

15:40~17:10

Panel Discussion 11 The Necessity and Optimal Extent of Pelvic Lymph Node Dissection in RARC

RARC における骨盤リンパ節郭清の必要性和至適な郭清範囲

Chair Kazuhide Makiyama (Department of Urology, Yokohama City University)
槇山 和秀 (横浜市立大学泌尿器科)
Jun Miki (Department of Urology, The Jikei University School of Medicine, Kashiwa Hospital)
三木 淳 (東京慈恵会医科大学附属柏病院泌尿器科)

- PD11-1 The necessity of lymph node dissection and the optimal number of lymph nodes dissected during RARC
RARC におけるリンパ節郭清の必要性和至適郭清リンパ節数について
Takuji Hayashi (Department of Urology, The University of Osaka Graduate School of Medicine, Japan)
林 拓自 (大阪大学医学部附属病院泌尿器科)

- PD11-2 **Challenge to Limit PLND in Bladder Cancer: Findings from a Multidisciplinary Study**
膀胱癌に対する骨盤リンパ節郭清限局化への取り組み 診療科横断前向き研究から
Tomokazu Sazuka (Department of Urology, Graduate School of Medicine, Chiba University, Japan)
佐塚 智和 (千葉大学大学院医学研究院泌尿器科学)
- PD11-3 **Clinical Significance and Indications of Pelvic Lymph Node Dissection in Robot-Assisted Radical Cystectomy: A Treatment Strategy Including Bladder-Preserving Therapy**
RARCにおける骨盤リンパ節郭清の意義と適応：温存療法も含めた治療戦略の検討
Masanobu Shiga (Department of Urology, University of Tsukuba Hospital, Japan)
志賀 正宣 (筑波大学附属病院泌尿器科)
- PD11-4 **Reconsidering Pelvic Lymph Node Dissection in RARC in the Era of Perioperative Immunotherapy**
周術期免疫療法時代の RARC における骨盤リンパ節郭清再考
Hiroki Ito (Department of Urology, Yokohama City University Graduate School of Medicine, Japan)
伊藤 悠城 (横浜市立大学大学院医学研究科泌尿器科学)
- PD11-5 **Pelvic Lymph Node Dissection in Robot-Assisted Radical Cystectomy: A Practical Strategy Based on Intraoperative Findings and 3D Imaging**
RARCにおける骨盤リンパ節郭清：術中所見と3Dイメージングに基づく実践的戦略
Kosuke Iwatani (Department of Urology, The Jikei University School of Medicine, Kashiwa Hospital, Japan / Department of Urology, The Jikei University School of Medicine, Japan)
岩谷 洸介 (東京慈恵会医科大学附属柏病院 / 東京慈恵会医科大学泌尿器科学講座)

September 3 (Thu) Room 15 (Conference Center 3F 302)

9:00~10:30

Panel Discussion 12 Minimally Invasive Surgery for Extragenital Endometriosis: Boundaries of Multidisciplinary Collaboration

稀少部位子宮内膜症に対する低侵襲手術：他科連携の境界線

Chair Taisuke Mori (Department of Obstetrics and Gynecology, Kyoto Prefectural University of Medicine)

森 泰輔 (京都府立医科大学産婦人科)

Masao Ichikawa (Dep. of OBGYN Nippon medical school Chiba Hokuso Hospital, Nippon Medical School)

市川 雅男 (日本医科大学千葉北総病院女性診療科産科)

- PD12-1 **Multidisciplinary Surgical Strategy for Colorectal Endometriosis (CRE): Collaboration between Gastroenterological Surgery and Gynecology.**
消化器外科・婦人科の連携による腸管子宮内膜症(CRE)に対する治療戦略
Mari Kitade (Juntendo University, Faculty of Medicine, Department of Obstetrics and Gynecology, Japan)
北出 真理 (順天堂大学産婦人科学講座)

- PD12-2 **Treatment of Extrapelvic Endometriosis through a Minimally Invasive Approach**
Megan Nicole Wasson (Department of Medical and Surgical Gynecology, Mayo Clinic, Phoenix, Arizona, United States/Director Division of Benign Surgery, International Federation of Gynecology and Obstetrics (FIGO), United States)
- PD12-3 **How Rectal Mobilization Expands Surgical Options in Rectal Endometriosis**
直腸授動による子宮内膜症に対する手術戦略の拡張
Kay Uehara (Department of Gastroenterological Surgery, Nippon Medical School, Japan)
上原 圭 (日本医科大学消化器外科)
- PD12-4 **Laparoscopic Urinary Reconstruction for Endometriosis and Iatrogenic Injuries**
稀少部位子宮内膜症・医原性尿路損傷に対する腹腔鏡下尿路再建術の経験と他科連携
Hirokazu Abe (Department of Urology, Kameda Medical Center, Japan/Nihonbashi pelvic floor clinic)
安倍 弘和 (亀田総合病院泌尿器科/日本橋骨盤底診療所)

September 3 (Thu) Room 15 (Conference Center 3F 302)

15:40~17:10

Panel Discussion 13 Career Paths for Young Female Surgeons: The Value of Technical Certification 若手女性医師のキャリアプラン：技術認定取得の意義

- Chair Kaori Koga (Department of Obstetrics and Gynecology, Reproductive Medicine, Graduate School of Medicine, Chiba University)
甲賀かをり (千葉大学大学院医学研究院産婦人科学)
- Kaoru Abiko (Department of Obstetrics and Gynecology, Kanazawa University)
安彦 郁 (金沢大学産婦人科)

- PD13-1 **Supporting factors and future perspectives on laparoscopic certification for female physicians during child-rearing**
育児期間の女性医師における腹腔鏡技術認定医取得を支える要素と今後の展望
Shoko Kurokawa (Obstetrics and Gynecology, Sapporo Medical University Hospital, Japan)
黒川 晶子 (札幌医科大学付属病院産婦人科)
- PD13-2 **Catching Two Rabbits at Once: Optimizing Surgical Training Based on the Learning Pyramid**
二兎を追って二兎を得る ラーニングピラミッドに基づいたよりよい修練を目指して
Ruriko Takase (Department of Obstetrics and Gynecology, Tokyo Women's Medical University, Japan)
高瀬瑠璃子 (東京女子医科大学産婦人科講座)
- PD13-3 **Career plans for young female doctors -From the perspective of a parent and obstetrician-gynecologist working in the personnel system of university hospitals-**
若手女性医師のキャリアプラン～育児をしながら大学医局人事で働く産婦人科医の立場から～
Saki Sawayama (Japanese Red Cross Otsu Hospital, Department of Obstetrics and Gynecology, Japan)
澤山 咲輝 (大津赤十字病院産婦人科)

- PD13-4 **Diverse Career Development After Endoscopic Surgical Certification: From the Perspective of Balancing Clinical Practice, Research, and Education**
 技術認定取得後の多様なキャリア形成 — 臨床・研究・教育を両立する立場から
 Nao Baba (Department of Obstetrics and Gynecology, Reproductive Medicine Graduate School of Medicine, Chiba University, Chiba, Japan)
 馬場 七織 (千葉大学大学院医学研究院生殖医学分野産婦人科学教室)
- PD13-5 **Perseverance is not grit but design: A proposal for a quality assurance and educational system that makes technical certification function as a License**
 継続は根性ではなく設計：技術認定を“免許”として機能させる質保証と教育システムの提案
 Miseon Nakazawa (NTT East Medical Center Sapporo, Japan)
 仲澤 美善 (NTT 東日本札幌病院)
- PD13-6 **Career Development for Young Women Physicians: The Unfiltered Reality of Department Life at a Regional Core Hospital**
 若手女性医師のキャリア形成 地域中核病院医局の“超リアル”上司の目線から
 Takashi Kurahashi (National Hospital Organization Saitama Hospital, Japan)
 倉橋 崇 (国立病院機構埼玉病院)

September 3 (Thu) Room 16 (Conference Center 3F 303)

9:00~10:30

Panel Discussion 14 Hybrid Surgery Combining Robotics and Laparoscopy

ロボットと腹腔鏡を用いた Hybrid surgery

Chair Naoki Hiki (Department of Upper Gastrointestinal Surgery, Kitasato University School of Medicine)

比企 直樹 (北里大学医学部上部消化管外科)

Sangwoong Lee (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University)

李 相雄 (大阪医科薬科大学一般・消化器外科学)

PD14-1 **Utility of hybrid surgery (LARCS) for training of junior surgeons**

若手外科医教育を目的とした Hybrid surgery (LARCS) の有用性

Koshi Kumagai (Department of Upper Gastrointestinal Surgery, Kitasato University School of Medicine, Japan)

熊谷 厚志 (北里大学医学部上部消化管外科学)

PD14-2 **A new fusion surgery by DaVinci SP for gastric cancer: Possibility of Minimally Invasive Laparoscopic Robotic (MILAR) system**

胃癌に対する DaVinci SP を用いた新しい Fusion surgery : MILAR

Takaki Yoshikawa (Department of Gastrointestinal Surgery, Yokohama City University, Japan / Department of Gastric Surgery, National Cancer Center Hospital, Japan)

吉川 貴己 (横浜市立大学消化管外科 / 国立がん研究センター中央病院胃外科)

- PD14-3 What is the benefit of hybrid surgery in robotic gastrectomy?
 ロボット支援下胃切除におけるハイブリッド手術の有用性はどこにあるのか？
 Tomoya Tsukada (Department of Surgery, Toyama Prefectural Central Hospital, Japan)
 柄田 智也 (富山県立中央病院外科)
- PD14-4 Clinical Outcomes of the Haptic-Assisted Reconstructive Technique (HANDS) in Robotic Gastrectomy
 ロボット支援胃切除における触覚補完的再建手技 (HANDS) の実践と成績
 Kenichi Iwasaki (Tokyo Medical University Department of Gastrointestinal and Pediatric Surgery, Japan/International University of Health and Welfare Ichikawa Hospital, Department of Gastrointestinal Surgery)
 岩崎 謙一 (東京医科大学病院消化器・小児外科学分野/国際医療福祉大学市川総合病院消化器外科)
- PD14-5 Technical Considerations and Role Sharing in Hybrid Surgery for Gastric Cancer in the Era of Multiple Robotic Platforms
 多機種ロボット時代における胃癌 Hybrid surgery の工夫と役割分担
 Kohei Fujita (Department of Gastroenterological Surgery, Nagoya City University, Japan)
 藤田 康平 (名古屋市立大学病院)
- PD14-6 Utility of da Vinci SP in MILAR Gastrectomy: Comparison with Xi Focusing on Junk Time
 da Vinci SP を用いた MILAR 胃切除術の有用性 — junk time に着目した Xi との比較 —
 Yuki Takenaka (Department of Gastric Surgery, National Cancer Center Hospital, Japan)
 竹中 雄輝 (国立がん研究センター中央病院胃外科)
- PD14-7 Surgical Technique and Treatment Outcomes of Hybrid Robot Assisted Surgery in Our Institution
 当科における Hybrid RAS の手術手技と治療成績について
 Takahisa Yamaguchi (Department of Gastroenterological Surgery, Ishikawa Prefectural Central Hospital, Japan)
 山口 貴久 (石川県立中央病院消化器外科)
- PD14-8 Robotic and laparoscopic surgery for advanced gastric cancer with Bulky N lymphnode metastasis
 高度リンパ節転移を有する進行胃癌に対する腹腔鏡手術を組み合わせたロボット支援下胃切除術
 Ken Yuu (Department of Surgery, Bell Land General Hospital, Japan)
 庾 賢 (ベルランド総合病院外科)
- PD14-9 Efficiency and Educational Impact of Hybrid Robotic-Laparoscopic Surgery
 ロボット・腹腔鏡 Hybrid 手術導入による手術効率と教育的有用性
 Shuhei Kajiwara (Department of Surgery, Iizuka Hospital, Japan)
 梶原 脩平 (飯塚病院外科)
- PD14-10 Robotic/Laparoscopic Fusion Surgery for Gastric Cancer
 ~An evolved hybrid approach to improve surgical efficiency~
 胃癌に対するロボット・腹腔鏡 Fusion Surgery ~ Hybrid Surgery からの進化と手術効率の最適化~
 Yuya Tanaka (Department of Surgery, School of Medicine Kurume University, Japan)
 田中 侑哉 (久留米大学医学部外科学講座)

Panel Discussion 15 **Anatomy and Lymphadenectomy at the Thoracoabdominal Junction Based on Insights from Endoscopic Surgery**

内視鏡手術の知見に基づく胸腹境界領域の解剖とリンパ節郭清

Chair Yoshihiro Kakeji (Division of Gastrointestinal Surgery, Department of Surgery, Kobe University Graduate School of Medicine)

掛地 吉弘 (神戸大学大学院医学研究科外科学講座食道胃腸外科)

Hisashi Shinohara (Division of Upper GI, Department of Gastroenterological Surgery, Hyogo Medical University)

篠原 尚 (兵庫医科大学上部消化管外科)

PD15-1 Embryological Basis for Understanding the Anatomy of the Thoracoabdominal Junction

胸腹境界領域の解剖を理解するための発生学的基盤

Hisashi Shinohara (Division of Upper GI, Department of Gastroenterological Surgery, Hyogo Medical University, Japan)

篠原 尚 (兵庫医科大学上部消化管外科)

PD15-2 Landmark-based lower mediastinal lymph node dissection in minimally invasive Ivor Lewis surgery for esophagogastric junction cancer

食道胃接合部癌に対する低侵襲 Ivor Lewis 手術による解剖学的ランドマークに基づいた下縦隔郭清手技

Shoichi Kitano (Department of Gastrointestinal Surgery, School of Medicine, Kyoto University, Japan)

北野 翔一 (京都大学大学院医学研究科消化管外科学講座)

PD15-3 Robot-assisted lower mediastinal lymphadenectomy via esophageal hiatus approach

膜構造を意識した食道裂孔アプローチによるロボット支援下下縦隔郭清

Kenji Kikuchi (Robotic and Endoscopic Surgical Center, Keiyukai Sapporo Hospital, Japan)

菊地 健司 (恵佑会札幌病院ロボット・内視鏡外科)

PD15-4 Left lower mediastinal lymph node dissection by mediastinal approach

縦隔アプローチによる左側下縦隔リンパ節郭清

Yohei Owada (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery, Faculty of Medicine, University of Tsukuba, Japan)

大和田洋平 (筑波大学医学医療系消化器外科)

PD15-5 Selection of approaches and surgical modalities for EGJ cancer requiring lower mediastinal lymphadenectomy

当院における下縦隔郭清が必要な食道胃接合部癌に対する approach と modality の使い分け

Yuki Katsura (Department of Gastrointestinal Surgery, Hiroshima City Hiroshima Citizens Hospital, Japan)

桂 佑貴 (広島市立広島市民病院外科)

- PD15-6 Thoracoabdominal Anatomy and Lower Mediastinal Lymphadenectomy Based on Minimally Invasive Surgery
鏡視下手術に基づく胸腹境界領域の解剖と下縦隔リンパ節郭清
Shuichiro Oya (Department of Gastrointestinal Surgery, Graduate School of Medicine, The University of Tokyo, Japan)
大矢周一郎 (東京大学医学部附属病院胃・食道外科)
- PD15-7 Thoracoabdominal Junction Anatomy and Lymph Node Dissection Strategy Based on Dual Robotic Approaches: Transthoracic and Transmediastinal
経胸腔・経縦隔両アプローチから再構築する胸腹境界部解剖とリンパ節郭清戦略
Kazuma Sato (Esophageal Surgery, National Cancer Center Hospital East, Japan)
佐藤 和磨 (国立がん研究センター東病院食道外科)
- PD15-8 Surgical anatomy of the thoracoabdominal junctional region around the esophageal hiatus
経胸・経腹双方からアプローチに共通する胸腹境界領域の外科解剖
Hisashi Fujiwara (Department of Gastrointestinal Surgery, Institute of Science Tokyo, Japan)
藤原 尚志 (東京科学大学消化管外科学分野)

September 3 (Thu) Room 17 (Conference Center 3F 304)

14:00~15:35

Panel Discussion 16 Minimally Invasive Colorectal Surgery in High-difficulty Cases

高難度症例に対する低侵襲大腸手術

Chair Kiyoshi Maeda (Department of Gastroenterological Surgery, Osaka Metropolitan University)

前田 清 (大阪公立大学消化器外科)

Takatoshi Nakamura (Department of Colorectal Surgery, Dokkyo Medical University)

中村 隆俊 (獨協医科大学下部消化管外科)

PD16-1 Laparoscopic Multivisceral Resection for Locally Advanced Right-Sided Colon Cancer

局所進行右側結腸癌に対する腹腔鏡下隣接臓器合併切除術

Toshiki Mukai (Division of Colorectal surgery, Cancer Institute Hospital of JFCR, Japan)
向井 俊貴 (がん研究会有明病院大腸外科)

PD16-2 Minimally Invasive Extended Pelvic Surgery With a Transanal Approach for Complex Rectal Cancer

骨盤内高難度症例に対する経肛門アプローチを併用した低侵襲手術

Takashi Nonaka (Department of Surgery, Colorectal Surgery, School of Medicine, Nagasaki University, Japan)

野中 隆 (長崎大学病院大腸・肛門外科)

- PD16-3 Technical strategies and perioperative outcomes of taTME for mid-to-low rectal cancer in obese patients**
肥満患者の中下部直腸癌に対する経肛門鏡視下手術における手技の工夫と周術期成績
 Masanori Sando (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)
 山東 雅紀 (国立がん研究センター東病院大腸外科)
- PD16-4 Challenges in Rectal Transection in a Narrow Pelvis: The Role of TaTME in Robotic Surgery**
狭骨盤症例における直腸切離の課題 —ロボット支援手術に TaTME を併用する意義—
 Ryosuke Okamura (Department of Surgery, Kyoto University Hospital, Japan)
 岡村 亮輔 (京都大学医学部附属病院消化管外科)
- PD16-5 Technical Strategies for Robotic Surgery in Challenging Rectal Cancer Cases**
高難度直腸癌症例に対するロボット支援手術の工夫と実際 — 男性・肥満・狭骨盤症例への対応—
 Toshinori Sueda (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)
 末田 聖倫 (大阪国際がんセンター消化器外科)
- PD16-6 Expanded Indications for Minimally Invasive Surgery in High-Difficulty Rectal Cancer After the Introduction of Fluorescent Ureteral Navigation**
蛍光尿管ナビゲーション導入による高難度直腸癌の低侵襲手術適応拡大
 Shunsuke Nakashima (Department of Digestive Surgery, Kawaguchi Municipal Medical Center, Japan)
 中嶋 俊介 (川口市立医療センター消化器外科)
- PD16-7 Robot-assisted right-sided colon cancer surgery for obese patients**
肥満症例に対するロボット支援右側結腸癌手術
 Yusuke Omura (Department of Surgery, Fujita Health University, Japan)
 大村 悠介 (藤田医科大学病院総合消化器外科)
- PD16-8 Efficacy of laparoscopic surgery for presacral tumors**
仙骨前面腫瘍に対しての腹腔鏡手術の有用性
 Takashi Tamura (Department of Surgery, Nara Medical University, Japan)
 田村 昂 (奈良県立医科大学)
- PD16-9 Perioperative and Oncological Outcomes of Colorectal Surgery in Obese Patients: A Multicenter Database Analysis and Institutional Surgical Strategies**
多施設 DB を用いた肥満症例に関する大腸手術の周術期・腫瘍学的成績の検討および当院での手術の工夫
 Kazuhiro Taguchi (Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan)
 田口 和浩 (広島大学病院消化器・移植外科)

Panel Discussion 17 Tips for Prevention of Chronic Postoperative Inguinal Pain (CPIP)

鼠径部ヘルニア術後の慢性疼痛 (CPIP) を防ぐための工夫

Chair Hidetoshi Wada (Department of Surgery, Shimada General Medical Center)

和田 英俊 (島田市立総合医療センター外科)

Masato Narita (Department of Surgery, Kobe City Medical Center General Hospital)

成田 匡大 (神戸市立医療センター中央市民病院外科)

PD17-1 Can CPIP Be Prevented? A Review of 1,992 Laparoscopic Groin Hernia Repairs
CPIP は防げるのか？腹腔鏡下鼠径部ヘルニア修復術 1992 例の検討

Tatsuya Tazaki (Department of Surgery, JA Hiroshima General Hospital, Japan)
田崎 達也 (JA 広島総合病院外科)

PD17-2 Strategies for Preventing CPIP Based on Safe TEP Technique
安全な TEP 手技を基盤とした CPIP 予防の工夫

Yuji Konishi (Department of Surgery, NHO Hokkaido Medical Center, Japan)
小丹枝裕二 (国立病院機構北海道医療センター外科)

PD17-3 Lessons from Surgery of Chronic Postoperative Inguinal Pain (CPIP)
鼠径ヘルニア術後慢性疼痛(CPIP)に対する手術から考える腹腔鏡下ヘルニア手術への提言

Hiroto Arino (Department of Surgery, Kobe City Medical Center General Hospital, Hyogo, Japan)
有野 寛人 (神戸市立医療センター中央市民病院外科)

PD17-4 Is One Stitch Sufficient for Mesh Fixation? -Single-Stitch Fixation to Cooper's Ligament in TAPP-

メッシュ固定は1針で十分か？ -TAPP における Cooper 靱帯 1 針固定の試み -

Shinnosuke Harata (NAGOYA CITY UNIVERSITY Graduate School of Medical Sciences Gastroenterological Surgery, Japan)
原田真之資 (名古屋市立大学医学部附属東部医療センター消化器外科)

PD17-5 TAPP-Meister trial

CPIP 減少への取り組み 多機関共同無作為割付比較試験；TAPP-Meister 試験

Masato Narita (Department of Surgery, Kobe City Medical Center General Hospital, Japan)
成田 匡大 (神戸市立医療センター中央市民病院外科)

Panel Discussion 18 Approaches to Obesity Management in Adolescents and Elderly Patients

若年成人と高齢者に対する肥満治療を考える

Chair Soo Min Ahn (Pediatric Surgery, Yonsei University, Gangnam Severance Hospital)

Keigo Yada (Department of Pediatric Surgery, St. Luke's International Hospital)

矢田 圭吾 (聖路加国際病院小児外科)

PD18-1 Current status of pediatric/adolescent bariatric surgery in Japan

本邦における小児・思春期肥満に対する外科治療の現状と課題

Keigo Yada (Department of Pediatric Surgery, St. Luke's International Hospital, Japan)

矢田 圭吾 (聖路加国際病院小児外科)

PD18-2 Update on Metabolic and Bariatric Surgery for Pediatric Patients with Morbid Obesity in Korea

Soo Min Ahn (Department of Pediatric Surgery, Bariatric & Metabolic Surgery Center, Gangnam Severance Hospital, Yonsei University Medical College, Seoul, Korea)

PD18-3 Outcomes of bariatric and metabolic surgery in Japanese patients aged 60-65 years with severe obesity

60歳以上の日本人高度肥満症患者に対する減量・代謝改善手術の治療成績

Mio Shioda (Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube, Japan)

塩田 美桜 (四谷メディカルキューブ)

PD18-4 Is metabolic surgery less effective in elder Japanese patients

日本人の高齢患者では減量・代謝改善手術の効果が悪いのか

Tatsuya Tanaka (Division of Gastroenterological Surgery, Nagoya City University East Medical Center, Japan / Division of Gastroenterological Surgery, Nagoya City University, Japan / Nagoya City University Obesity Treatment Center, Japan)

田中 達也 (名古屋市立大学附属東部医療センター消化器外科 / 名古屋市立大学消化器外科 / 名古屋市立大学肥満症治療センター)

Panel Discussion 19 Education in Robotic and Laparoscopic Surgery, including Technical Certification

ロボット & 腹腔鏡手術の教育—技術認定取得を含めて

Chair Suguru Hasegawa (Department of gastroenterological surgery, Fukuoka University)

長谷川 傑 (福岡大学消化器外科)

Junichiro Kawamura (Department of surgery, Kindai University)

川村純一郎 (近畿大学外科)

PD19-1 Education and endoscopic surgical skill qualification in robotic and laparoscopic surgery for colorectal cancer

大腸癌に対するロボット手術・腹腔鏡手術の教育と技術認定医取得

Akinari Nomura (Department of Surgery, Japanese Red Cross Osaka Hospital, Japan)

野村 明成 (大阪赤十字病院消化器外科)

PD19-2 Robotic surgery education in a high-volume center: efforts toward endoscopic surgical skill qualification

ハイボリュームセンターにおけるロボット支援手術教育の実践 —技術認定取得に向けた取り組み—

Shoichi Manabe (Division of Colon and Rectal Surgery, Shizuoka Cancer Center Hospital, Japan)

眞部 祥一 (静岡県立静岡がんセンター大腸外科)

PD19-3 Education on robotic rectal surgery aimed at obtaining technical certification

技術認定取得を目指したロボット直腸手術の教育

Norikazu Yamada (Department of Colorectal Surgery, Kansai Medical University, Japan)

山田 典和 (関西医科大学下部消化管外科)

PD19-4 Standardization of Surgical Procedures up to the IMA Root

IMA 根部までを定型化する

Keiichi Shiokawa (Department of Gastroenterological Surgery, Fukuoka University Hospital, Japan)

塩川 桂一 (福岡大学病院消化器外科)

PD19-5 Visualizing the Requirements for Certification in Laparoscopic Colorectal Surgery

大腸手術における内視鏡技術認定合格条件を可視化した指導法

Yoshiro Itatani (Department of Surgery, Kyoto University Hospital, Japan)

板谷 喜朗 (京都大学大学院医学研究科消化管外科)

PD19-6 Education in Robotic-Assisted Colorectal Cancer Surgery: Teaching the Fundamental Principles Embedded in IMA Root Management and Refining Procedure-Specific Techniques Thereafter

IMA 処理までに込められた総論を教え、それ以後の操作の各論を鍛えるロボット支援大腸癌手術における教育

Yushi Yamakawa (Department of Gastroenterological Surgery, Nagoya City University, Japan)

山川 雄士 (名古屋市立大学病院消化器外科)

PD19-7 Key Points for Introducing Robot-Assisted Surgery for Early-Career Surgeons
若手外科医のロボット支援手術導入のポイント

Yutaka Hanaoka (Department of Gastroenterological surgery, Toranomon Hospital, Japan)

花岡 裕 (虎の門病院消化器外科)

PD19-8 Robot-Assisted Colorectal Cancer Surgery Education Using a Remote Surgical Support System

遠隔手術支援システムを用いた当院でのロボット支援大腸癌手術教育の取り組み

Masakatsu Paku (Division of Gastroenterological Surgery, Osaka Keisatsu Hospital, Japan)

朴 正勝 (大阪けいさつ病院消化器外科)

September 4 (Fri) Room 12 (Conference Center 4F 418)

16:20~17:50

Panel Discussion 20 Strategies and Techniques for Rectal Cancer Surgery Following Preoperative Treatment
術前治療後の直腸癌手術の対策と工夫

Chair Eduardo M^a Targarona (Surgery, Autonomous University of Barcelona)

Hiroya Kuroyanagi (Department of Colorectal Surgery, Toranomon Hospital)

黒柳 洋弥 (虎の門病院消化器外科 (下部消化管))

PD20-1 Strategies and Techniques for Rectal Cancer Surgery Following Preoperative Treatment

Martin Ross Weiser (Memorial Sloan Kettering Cancer Center, United States)

PD20-2 Overcoming the Hostile Pelvis: Securing Free Margins in Post-CCRT locally advanced Rectal Cancer

Chuchep Sahakitrungruang (Chulalongkorn University, Thailand)

PD20-3 Technical tips for safe robot-assisted surgery for rectal cancer following neoadjuvant radiotherapy

術前放射線治療後のロボット支援直腸癌手術を安全に行う工夫

Tomohiro Yamaguchi (Department of Colorectal Surgery, Cancer Institute Hospital of Japanese Foundation for Cancer Research, Japan)

山口 智弘 (がん研究会有明病院大腸外科直腸がん集学的治療センター)

PD20-4 Technical Tips and Pitfalls of Minimally Invasive Surgery After Total Neoadjuvant Therapy

Total neoadjuvant therapy (TNT) 後の直腸癌における鏡視下手術の課題と技術的工夫

Kosuke Hiramatsu (Colorectal Surgery Division, Department of Gastroenterological Surgery, Toranomon Hospital, Japan)

平松 康輔 (国家公務員共済組合連合会虎の門病院消化器外科)

- PD20-5 Endoscopic Surgery for Locally Advanced Rectal Cancer After Total Neoadjuvant Therapy
TNT 後の局所進行直腸癌に対する腹腔鏡手術
Yoshinori Kagawa (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)
賀川 義規 (大阪国際がんセンター消化器外科)
- PD20-6 Benefit of Transanal Endoscopic Surgery for cT4b Rectal Cancer After Preoperative Radiotherapy
術前放射線治療後 cT4b 直腸癌に対する経肛門的鏡視下手術の有用性
Yuichiro Tsukada (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)
塚田祐一郎 (国立がん研究センター東病院大腸外科)
- PD20-7 The feasibility of TaTME for locally advanced rectal cancer after NACRT
NACRT 後局所進行直腸癌に対する TaTME の有用性
Masayuki Ando (Division of Gastrointestinal Surgery, Department of Surgery, Kobe University Graduate School of Medicine, Kobe, Japan)
安藤 正恭 (神戸大学大学院医学研究科外科学講座食道胃腸外科学分野)

September 4 (Fri) Room 13 (Conference Center 4F 419)

9:40~11:10

Panel Discussion 21 The Current State of Minimally Invasive Surgery in Perioperative Treatment Cases 周術期治療症例に対する低侵襲手術の実際

Chair Hiroyuki Ito (Department of Thoracic Surgery, Kanagawa Cancer Center)

伊藤 宏之 (神奈川県立がんセンター呼吸器外科)

Masaru Takenaka (Second Department of Surgery, University of Occupational and Environmental Health)

竹中 賢 (産業医科大学第2外科)

- PD21-1 Technical Strategies to Achieve 3-port VATS Resection After Neoadjuvant ICI Therapy for Locally Advanced Lung Cancer

術前 ICI 治療後の進行肺癌に対して 3-port VATS で切除し得る工夫

Yosuke Hamada (Department of Thoracic Surgery, Respiratory Center, Toranomon Hospital, Tokyo, Japan)

濱田 洋輔 (虎の門病院呼吸器センター外科)

- PD21-2 Short-Term Outcomes of Thoracoscopic Surgery (TS) and Completion Rate of ICI Therapy in Lung Cancer Patients Receiving Perioperative ICI Treatment
周術期 ICI 治療を行った肺癌における治療完遂率と胸腔鏡手術の短期成績

Sodai Nagata (Department of Thoracic Surgical Oncology, Cancer Institute Hospital of JFCR, Japan)

永田 宗大 (がん研究会有明病院呼吸器センター外科)

- PD21-3 VATS Selection and Perioperative Outcomes After Perioperative Chemo+ICI for NSCLC
周術期 chemo+ICI 後 NSCLC に対する VATS 選択と周術期成績
Katsutoshi Seto (Department of Thoracic Surgery, Aichi Cancer Center Hospital, Japan)
瀬戸 克年 (愛知県がんセンター呼吸器外科)
- PD21-4 Robot-Assisted Thoracic Surgery After Neoadjuvant Chemo-Immunotherapy
当院での術前導入化学免疫療法後の低侵襲手術経験
Shota Nakamura (Department of Thoracic Surgery, Nagoya University Graduate School of Medicine, Japan)
中村 彰太 (名古屋大学医学部附属病院呼吸器外科)
- PD21-5 Utility and Practice of RATS Following Neoadjuvant Immunotherapy
術前免疫療法後 RATS の有用性と実際
Shinya Tane (Division of Thoracic Surgery, Kobe University Graduate School of Medicine, Japan)
田根 慎也 (神戸大学大学院医学研究科外科学講座呼吸器外科学分野)
- PD21-6 RATS as a Minimally Invasive Strategy for Locally Advanced Lung Cancer After Induction Therapy: Two Cases Requiring Technical Modifications
術前導入療法後の局所進行肺癌に対する低侵襲戦略としての RATS: 術式工夫を要した 2 例
Hitoshi Igai (Department of General Thoracic Surgery, Japanese Red Cross Maebashi Hospital, Japan)
井貝 仁 (前橋赤十字病院呼吸器外科)

September 4 (Fri) Room 13 (Conference Center 4F 419) 14:40~16:10

Panel Discussion 22 Current Status and Future Prospects of Intra Peritoneal Onlay Mesh (IPOM) Plus IPOM Plus の現状と展望

Chair Hitoshi Idani (Center for Abdominal Hernia, Chubu Tokushukai Hospital)

井谷 史嗣 (中部徳洲会病院ヘルニアセンター)

Yuichiro Miyaki (Department of Surgery, Hernia Center, Seirei Hamamatsu General Hospital)

宮木祐一郎 (聖隷浜松病院ヘルニアセンター・一般外科)

- PD22-1 Is IPOM Plus Still Relevant in Modern Ventral Hernia Surgery?
腹壁ヘルニア修復術における IPOM Plus の意義
Hiroshi Hirukawa (Department of Surgery, Tachikawa General Hospital, Japan)
蛭川 浩史 (立川総合病院外科)
- PD22-2 演題取り下げ
- PD22-3 A study of 120 cases of IPOM Plus method for abdominal wall hernia
腹壁ヘルニアに対する IPOM Plus 法 120 例の検討
Ken Nakata (Department of Gastroenterologic Surgery, Higashiosaka City Medical Center, Osaka, Japan)
中田 健 (市立東大阪医療センター外科消化器外科)

- PD22-4 **Tips and Pitfalls of IPOM-Plus Using Absorbable Recoil Ring Mesh**
 吸収性リコイルリングつきメッシュを用いる IPOM-Plus の Tips and Pitfalls
 Ryuichi Karashima (Department of Surgery, Yamaga City Medical Center, Japan)
 辛島 龍一 (山鹿市民医療センター外科)
- PD22-5 **Technical Innovations and Clinical Outcomes of IPOM Plus at Our Center**
 当センターにおける【IPOM plus】の手技の工夫と治療成績について
 Toshiaki Kobayashi (Abdominal Hernia Center, Shizuoka City Shizuoka Hospital, Japan)
 小林 敏樹 (静岡市立静岡病院おなかのヘルニアセンター)
- PD22-6 **Short-Term Outcomes of the Hybrid Intraperitoneal Onlay Mesh Plus Technique: A Comparative Review with Other Surgical Approaches**
 Hybrid IPOM (Intraperitoneal onlay mesh) plus 法の短期成績と他術式との文献的比較検討
 Yusuke Suto (Department of Surgery, Iwate Medical University School of Medicine, Japan)
 須藤 佑介 (岩手医科大学附属病院)
- PD22-7 **Reappraisal of Laparoscopic IPOM -Plus for Incisional Hernia -A Retrospective Comparison with Extraperitoneal Repair-**
 腹壁癒痕ヘルニアに対する腹腔鏡下 IPOM-Plus 法の再評価—腹膜外修復法との後方視的比較—
 Tatsuya Tazaki (Department of Surgery, JA Hiroshima General Hospital, Japan)
 田崎 達也 (JA 広島総合病院外科)

September 4 (Fri) Room 13 (Conference Center 4F 419)

16:20~17:50

Panel Discussion 23 Current Status and Problems in Endoscopic Cardiac Surgery

内視鏡下心臓手術の現状と問題点

Chair Hiroshi Niinami (Department of Cardiovascular Surgery Heart Institute of Japan, Tokyo Women's Medical University)

新浪 博士 (東京女子医科大学心臓血管外科)

Mimiko Tabata (Department of cardiovascular surgery, YAMATOSEIWA HOSPITAL)

田畑美弥子 (大和成和病院心臓血管外科)

PD23-1 **Robotic Coronary Surgery: From MIDCABG to TECAB. State of the Art**
 Gianluca Torregrossa (Department of Cardiothoracic Surgery, Cleveland Clinic)

PD23-2 **The current situation and future aspects of minimally invasive cardiac surgery**
 MICS の現状と展望

Taichi Sakaguchi (Department of Cardiovascular Surgery, Hyogo Medical University, Japan)

坂口 太一 (兵庫医科大学心臓血管外科)

PD23-3 Current Status and Challenges of Totally Endoscopic Cardiac Surgery: Focus on the 3-Port 3D Technique

内視鏡下心臓手術の現状と問題点 3-port 3D 手術を中心に

Toshiaki Ito (Department of Cardiovascular Surgery, Shonan Kamakura General Hospital, Japan/Japanese Red Cross Nagoya First Hospital, Japan)
伊藤 敏明 (湘南鎌倉総合病院心臓血管外科/赤十字名古屋第一病院)

PD23-4 Current Status and Challenges of Robot-Assisted Cardiac Surgery

ロボット支援下手術の現状と問題点

Yoshitsugu Nakamura (Chibanishi General Hospital, Department of Cardiovascular Surgery, Japan)
中村 喜次 (千葉西総合病院心臓血管外科)

PD23-5 Totally Endoscopic AVR via Right Mini-Thoracotomy: Is Robotic Assistance Truly Necessary?

完全鏡視下大動脈弁置換術の優位性：ロボット支援は必要か？

Tomohiro Iwakura (Department of Cardiovascular Surgery, Minimally Invasive Heart Disease Comprehensive Treatment Center, Sakakibara Heart Institute, Japan)
岩倉 具宏 (榊原記念病院心臓血管外科低侵襲心臓病総合治療センター)

PD23-6 Expansion of Indications for Thoracoscopic Cardiac Surgery and an Educational System Supporting Its Safe Dissemination

胸腔鏡下心臓手術の適応拡大と、その安全な普及を支える教育システム

Kazuma Okamoto (Division of Cardiovascular Surgery, Department of Surgery 1, Hamamatsu University School of Medicine, Japan)
岡本 一真 (浜松医科大学外科学第一講座・心臓血管外科)

September 4 (Fri) Room 15 (Conference Center 3F 302)

8:00~9:30

Panel Discussion 24 Surgical and Endoscopic Treatment for PPI-refractory GERD

Chair Haruhiro Inoue (Digestive Diseases Center, Showa Medical University Koto Toyosu Hospital)

井上 晴洋 (昭和医科大学江東豊洲病院消化器センター)

Fumiaki Yano (Department of Surgery, The Jikei University School of Medicine)

矢野 文章 (東京慈恵会医科大学外科学講座)

Special Comment Kanagaraj Govindaraj (Minimally Invasive, Endoscopic & Robotic Surgery, Dr. G. Viswanathan Hospitals, Trichy, India)

PD24-1 Surgical Treatment for Gastroesophageal Reflux Disease (GERD)

難治性胃食道逆流症に対する外科治療

Masao Fujiwara (Takamatsu Red Cross Hospital Department of Gastroenterological Surgery, Japan)
藤原 理朗 (高松赤十字病院消化器外科)

- PD24-2 Treatment outcomes of laparoscopic repair for hiatal hernia in patients with PPI-refractory GERD**
PPI 抵抗性 GERD を有する食道裂孔ヘルニアに対する腹腔鏡下修復術の治療成績
 Yasushige Takeda (Department of Gastroenterological Surgery, Okayama University, Japan)
 竹田 泰茂 (岡山大学病院消化管外科)
- PD24-3 Laparoscopic Antireflux Surgery for PPI/PCAB Refractory GERD**
PPI/PCAB 抵抗性 GERD に対する腹腔鏡下逆流防止術
 Takahiro Masuda (Division of Gastrointestinal Surgery, Department of Surgery, The Jikei University School of Medicine, Japan)
 増田 隆洋 (東京慈恵会医科大学消化管外科)
- PD24-4 Minimally invasive giant paraesophageal hernia repair, biosynthetic cruroplasty and fundoplication**
 Sajid Malik (Croydon Univeristy Hospital, United Kingdom / Alam Memorial Hospital, Sadiqabad, Rahim Yar Khan Pakistan, United Kingdom)
- PD24-5 Surgical Treatment for Reflux Hypersensitivity: Is Antireflux Surgery Justified?**
いわゆる Reflux Hypersensitivity (逆流過敏症) に対する逆流防止手術は正当化されるか?
 Yosuke Seki (Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube, Japan / Minimally Invasive Surgery Center, Yotsuya Medical Cube, Japan)
 関 洋介 (四谷メディカルキューブ減量・糖尿病外科センター / 四谷メディカルキューブ外科・内視鏡外科)
- PD24-6 Comparison of Laparoscopic Surgery and Endoscopic Anti-Reflux Mucosectomy for PPI-Refractory GERD**
PPI 抵抗性 GERD に対する腹腔鏡手術と内視鏡的逆流防止粘膜切除術の比較
 Chiaki Sato (Department of Surgery, School of of Medicine, Tohoku University, Japan)
 佐藤 千晃 (東北大学総合外科)
- PD24-7 Clinical experience of anti-reflux myoplasty (AR-MP) with direct suturing of sling fibers for refractory GERD**
斜走筋を直接縫合する anti-reflux myoplasty (AR-MP) の臨床経験
 Hironari Shiwaku (Department of Gastroenterological Surgery, Fukuoka University Faculty of Medicine, Japan)
 塩飽 洋生 (福岡大学消化器外科)
- PD24-8 Clinical outcomes of endoscopic and surgical treatment for PPI-refractory GERD**
PPI 抵抗性 GERD に対する内視鏡的治療および外科手術の治療成績
 Manabu Onimaru (Digestive Diseases Center, Showa Medical University Koto Toyosu Hospital, Japan)
 鬼丸 学 (昭和医科大学江東豊洲病院消化器センター)

Panel Discussion 25 Toward Sustainable Robotic Surgery in HPB Surgery

持続可能な肝胆膵外科ロボット支援手術を考える

Chair Minoru Tanabe (Department of Surgery, Kashiwa Municipal Hospital)
田邊 稔 (柏市立柏病院外科)

Goro Honda (Department of Surgery, Institute of Gastroenterology,
Tokyo Women's Medical University)

本田 五郎 (東京女子医科大学消化器病センター外科)

PD25-1 Economic Evaluation and Policy Implications of Robotic Hepatobiliary and Pancreatic Surgery

ロボット肝胆膵手術における医療経済評価と制度的課題

Taiga Wakabayashi (Division of Hepatobiliary and Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Japan)

若林 大雅 (公益財団法人がん研究会有明病院)

PD25-2 Standardized Reconstruction and Task Division for Sustainable Robot-Assisted Pancreaticoduodenectomy

ロボット支援下膵頭十二指腸切除術における再建手技の定型化とチーム運営の工夫

Shinichi Taniwaki (Department of Surgery, Fujita health University, Japan)

谷脇 慎一 (藤田医科大学病院総合消化器外科)

PD25-3 Robotic Liver Resection Using a Two-Surgeon Model -Revisiting Surgical Team Composition for Sustainable Robotic Surgery-

外科医2名体制によるロボット支援肝切除—持続可能なロボット手術を目指した手術人員配置の見直し—

Noriyuki Egawa (Department of Surgery, Faculty of Medicine, Saga University, Japan)

江川 紀幸 (佐賀大学)

PD25-4 Cost Reduction Achieved by the Two-Surgeon Technique in Robot-Assisted Pancreatic Resection

ロボット支援下膵切除における Two-Surgeon Technique によるコスト削減効果

Mikiya Shine (Department of Hepato-Biliary-Pancreatic and Breast Surgery Ehime University School of Medicine, Japan)

新恵 幹也 (愛媛大学病院肝胆膵移植外科)

PD25-5 Sustainability of Robotic Liver Resection: Textbook Outcome in Liver Surgery, Costs, and Personnel Proxies vs Open Surgery

ロボット肝切除の持続可能性：開腹と比較した Textbook Outcome in Liver Surgery と費用・人的資源の評価

Yuta Ushida (Department of Surgery, Toyota Kosei Hospital, Japan)

牛田 雄太 (JA 愛知厚生連豊田厚生病院)

PD25-6 Profit and Loss Analysis of Different Surgical Approaches to Pancreatectomy

膵切除術における外科的アプローチ別の収支損益分析

Sohei Satoi (Department of Pancreatobiliary Surgery, Kansai Medical University, Japan)

里井 壯平 (関西医科大学胆膵外科)

Panel Discussion 26 Key Points of the Endoscopic Surgical Skill Qualification System in Robotic Pancreatic Surgery

ロボット膵手術における技術認定制度のポイント

Chair Masafumi Nakamura (Shin-kuki General Hospital)

中村 雅史 (新久喜総合病院)

Takao Ohtsuka (Department of Digestive Surgery, Kagoshima University, Japan)

大塚 隆生 (鹿児島大学消化器外科)

PD26-1 (Keynote Lecture)

Establishing Minimally Invasive Pancreatic Surgery in Alignment with JSES Skill Qualification System

JSES 技術認定制度に基づく膵臓領域の低侵襲手術の構築

Yoshiharu Nakamura (Department of Surgery, Nippon Medical School, Chiba Hokusoh Hospital, Japan)

中村 慶春 (日本医科大学千葉北総病院消化器外科)

PD26-2 Ingenuity to obtain technical certification from the Japanese Society of Endoscopic Surgery for robotic distal pancreatectomy

RDP における内視鏡外科学会技術認定医取得に向けた当院の取り組み

Hiroaki Osakabe (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)

刑部 弘哲 (東京医科大学消化器・小児外科学分野)

PD26-3 Optimization of operative field development and key requirements in the Endoscopic Surgical Skill Qualification for robotic distal pancreatectomy

ロボット膵体尾部切除術における術野展開の最適化と技術認定の要点

Akira Matsushita (Department of Gastroenterological Surgery, Nippon Medical School, Japan)

松下 晃 (日本医科大学消化器外科)

PD26-4 Key points of robotic distal pancreatectomy compared to laparoscopic surgery 腹腔鏡手術との比較からみたロボット尾側膵切除術の要点

Takanori Morikawa (Department of Gastroenterological Surgery, Miyagi Cancer Center, Japan)

森川 孝則 (宮城県立がんセンター消化器外科)

PD26-5 Key points of the certification system for robotic pancreatic surgery

ロボット膵手術における技術認定制度のポイント

Takao Ohtsuka (Department of Digestive Surgery, Kagoshima University, Japan)

大塚 隆生 (鹿児島大学消化器外科)

Panel Discussion 27 Technical Refinements and Challenges in Robotic Pancreaticoduodenectomy

ロボット支援膵頭十二指腸切除術の技術的工夫と課題

Chair Masayuki Sho (Department of Surgery, Nara Medical University)

庄 雅之 (奈良県立医科大学消化器・総合外科)

Susumu Eguchi (Department of Surgery, Nagasaki University

Graduate School of Biomedical Sciences)

江口 晋 (長崎大学大学院外科学講座移植・消化器外科学分野)

PD27-1 Technical ingenuity in Robotic Pancreaticoduodenectomy in our institute

当科におけるロボット膵頭十二指腸切除の工夫

Tomohiko Adachi (Nagasaki University, Department of Surgery, Japan)

足立 智彦 (長崎大学外科学講座)

PD27-2 Outcomes of robotic pancreatoduodenectomy

ロボット支援膵頭十二指腸切除術の手術成績

Kosei Takagi (Department of Gastroenterological Surgery, Okayama University, Japan)

高木 弘誠 (岡山大学病院消化器外科学)

PD27-3 Technical Refinements and Standardization of Reconstruction in Robot-Assisted Pancreaticoduodenectomy

ロボット補助下膵頭十二指腸切除術の手術手技の工夫

-SMA 両側アプローチとシンプルな膵空腸吻合法-

Naohisa Kuriyama (Department of Hepatobiliary Pancreatic and Transplant Surgery, Mie University Graduate School of Medicine, Japan)

栗山 直久 (三重大学肝胆膵・移植外科)

PD27-4 Technical innovations of the SMA approach to achieve both oncological radicality and safety in robotic pancreaticoduodenectomy

ロボット支援膵頭十二指腸切除術における根治性と安全性の両立を追求した SMA アプローチの工夫

Kenta Saito (Department of Gastroenterological Surgery, Graduate School of Medical Sciences, Nagoya City University, Japan)

齊藤 健太 (名古屋市立大学消化器外科)

PD27-5 Surgical Techniques and Short-term Outcomes of Robotic Pancreaticoduodenectomy

当院のロボット支援下膵頭十二指腸切除術の手技の工夫と短期成績の検討

Yoshifumi Iwagami (Division of Gastroenterological Surgery, Department of Surgery, Kansai Rosai Hospital, Japan)

岩上 佳史 (関西労災病院外科)

PD27-6 Robot assisted pancreaticoduodenectomy with daVinci SP: comparison with multi-arm system

daVinci SP による RPD の経験と課題 マルチアームシステムとの比較

Yuichiro Uchida (Department of Surgery, Fujita Health University, Japan)

内田雄一郎 (藤田医科大学総合消化器外科)

- PD27-7 Standardization and indication expansion of robotic pancreaticoduodenectomy: A single-center experience of 200 consecutive cases With Zero Mortality
ロボット支援下膵頭十二指腸切除術における手技の標準化と適応拡大：単施設 200 例における周術期死亡 0 の経験

Kosuke Kobayashi (Division of Hepatobiliary and Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Japan)

小林 光助 (がん研有明病院肝胆膵外科)

- PD27-8 Stepwise Training and Short-Term Outcomes of Robot-Assisted Pancreaticoduodenectomy Using Standardized Techniques
定型化手技を用いたロボット膵頭十二指腸切除術の段階的教育と短期成績

Hisanori Mizutani (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)

水谷 久紀 (東京医科大学消化器・小児外科)

September 4 (Fri) Room 17 (Conference Center 3F 304)

16:20~17:50

Panel Discussion 28 Envisioning the Future of Surgery Integrating Robotic Techniques and AI

ロボット支援手術と AI を融合した将来の外科手術を考える

Chair Masafumi Inomata (Department of Gastroenterological and Pediatric Surgery, OITA University Faculty of Medicine)

猪股 雅史 (大分大学医学部消化器・小児外科学講座)

Hisashi Shinohara (Department of Gastroenterological Surgery, Division of Upper GI, Hyogo Medical University)

篠原 尚 (兵庫医科大学上部消化管外科)

- PD28-1 Clinical Utility of an AI-Based Active Bleeding Detection Model in Robot-Assisted Distal Gastrectomy

ロボット支援幽門側胃切除術における活動性出血 AI 認識モデルの有用性

Koki Fujiwara (Department of Surgery, School of Medicine, Keio University, Japan)

藤原 弘毅 (慶應義塾大学医学部外科学 (一般・消化器))

- PD28-2 AI video analysis of No.6 dissection in robotic gastrectomy: association between bleeding area and POPF

ロボット支援下幽門側胃切除における 6 番郭清の AI 動画解析：出血面積と術後膵液漏の関連

Eiichiro Nakao (Division of Upper G.I. Surgery, Department of Gastroenterological Surgery, Hyogo Medical University, Japan)

中尾英一郎 (兵庫医科大学上部消化管外科)

- PD28-3 AI-Assisted Intraoperative Support in Colorectal Cancer Surgery Using the Senhance Digital Laparoscopy System

センハンス・デジタルラパロスコピー・システムを用いた大腸癌手術における AI 術中支援

Hirofumi Sugita (Department of Gastroenterological Surgery, Saitama Medical University International Medical Center, Japan)

梶田 浩文 (埼玉医科大学国際医療センター外科・消化器外科)

- PD28-4 Development of Total Navigation Surgery through Fusion of Surgical Video Analysis and Robotic Positional Data
手術動画解析とロボット位置情報の融合による Total Navigation Surgery の構築
Yoshiko Bamba (Department of Surgery, Institute of Gastroenterology Tokyo Women's Medical University, Japan)
番場 嘉子 (東京女子医大消化器・一般外科)
- PD28-5 Robot and AI-integrated intraoperative navigation system for rectal cancer
手術ロボットと AI を融合した直腸癌術中ナビゲーションシステムの開発
Kimimasa Sasaki (Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East, Japan)
佐々木公将 (国立がん研究センター東病院医療機器開発推進部門)
- PD28-6 Development of Intraoperative AI-Based Navigation for Robot-Assisted Distal Pancreatectomy
ロボット支援下膵体尾部切除における術中 AI ナビゲーションの開発
Junichiro Kawamoto (Department of Surgery, Keio University School of Medicine, Japan)
川本潤一郎 (慶應義塾大学病院一般・消化器外科)
- PD28-7 Breaking away from digital AI anatomical matching guidance robot systems: the challenge of anomaly with quantum AI predictive navigation
デジタル AI 解剖照合誘導ロボットシステムからの脱却：量子 AI 予測ナビゲーションによる anomaly への挑戦
Takeshi Ohdaira (Institute for Solid State Physics, Tokyo University, Japan)
大平 猛 (東京大学物性研究所)

September 5 (Sat) Room 1 (Conference Center 1F Main Hall) 9:40~11:10

Panel Discussion 29 Training Young Surgeons in Robot-Assisted Surgery

ロボット支援手術の若手への教育

Chair Nobuyuki Hinata (Department of Urology, Hiroshima University)
日向 信之 (広島大学大学院医系科学研究科腎泌尿器科学)

Daisuke Ban (Department of Hepatobiliary & Pancreatic Surgery, Institute of Science Tokyo)

伴 大輔 (東京科学大学肝胆膵外科学分野)

PD29-1 Onboarding Robotic Surgery Trainees in a Financial Restricted Environment
Christopher Schlachta (Department of Surgery, Schulich School of Medicine and Dentistry, Western University, Canada)

PD29-2 Current Status of Training Young Surgeons Using Robot-Assisted Transabdominal Preperitoneal Inguinal Hernia Repair (RTAPP) at Our Institution
当科におけるロボット支援鼠径ヘルニア修復術(RTAPP)による若手外科医教育の現状
Fumitoshi Mizutani (Department of Surgery, Nagoya Ekisaikai Hospital, Japan)
水谷 文俊 (名古屋掖済会病院外科)

- PD29-3 From Console to OR: Operationalizing Robotic Training for Early-Career Thoracic Surgeons**
 若手呼吸器外科医を育てるロボット手術教育の実装
 Yoshimasa Inoue (Department of General Thoracic Surgery, Saiseikai Yokohamashi Tobu Hospital, Japan)
 井上 芳正 (済生会横浜市東部病院)
- PD29-4 Learning Curve Analysis of Surgeon Proficiency in Robotic Colorectal Surgery Using Inferior Mesenteric Artery Division Time: Implications for Training Young Surgeons**
 若手外科医教育を見据えたロボット支援下大腸手術の学習曲線解析：下腸間膜動脈切離時間による評価
 Kenta Hikotani (Department of Surgery, Chubu Tokushukai Hospital, Japan)
 彦谷 健太 (中部徳洲会病院)
- PD29-5 An Organization-Based Training Program for Robotic Colectomy: Implementation and Outcomes of Resi-Robo**
 ロボット支援結腸切除術における組織的教育プログラム「Resi-Robo」の実践と成果
 Yoshihiro Morimoto (Department of Gastroenterological surgery, Osaka General Medical Center, Japan)
 森本 祥悠 (大阪急性期・総合医療センター)
- PD29-6 Optimizing Training for Non-Qualified Surgeons (ESSQS) in Robotic Colorectal Surgery**
 技術認定未取得者に対する大腸ロボット手術トレーニングの現状と課題
 Koya Hida (Department of Surgery, Kyoto University Hospital, Japan)
 肥田 侯矢 (京都大学医学部附属病院消化管外科)
- PD29-7 AI Navigation Accelerates Vascular Recognition in Robotic-Assisted Pancreaticoduodenectomy: A Validation Study by Surgical Trainees**
 AIナビゲーションによるロボット支援下膵頭十二指腸切除術の血管認識支援：若手外科医による検証
 Sonoda Keita (Department of Gastroenterological Surgery, School of Medicine, Keio University, Japan)
 園田 啓太 (慶應義塾大学病院一般・消化器外科)
- PD29-8 Robotic Surgical Education at a Turning Point: Structural Challenges and the Path Toward Standardization**
 ロボット支援手術教育の再設計
 Hideki Takami (Department of Surgery, Nagoya University Hospital, Japan)
 高見 秀樹 (名古屋大学医学部附属病院消化器・腫瘍外科)

Panel Discussion 30 Training and Education of Young Surgeons in Minimally Invasive Liver Resection

低侵襲肝切除における若手教育

Chair Ken Shirabe (Department of General Surgical Science, Gunma University)

調 憲 (群馬大学総合外科学講座)

Hideki Yokoo (Division of Gastroenterological and Transplant Surgery, Department of Surgery, Asahikawa Medical University)

横尾 英樹 (旭川医科大学外科学講座消化器・移植外科学分野)

PD30-1 Multifaceted Approaches to Training Young Surgeons in Parallel with the Standardization of High-Difficulty Minimally Invasive Liver Resection

高難度低侵襲肝切除の定型化と並行した若手術者教育への多角的アプローチ

Kenichiro Araki (Division of Hepatobiliary and Pancreatic Surgery, Gunma University Graduate School of Medicine, Japan)

新木健一郎 (群馬大学大学院肝胆膵外科学分野)

PD30-2 Education of minimally invasive liver resection for the next generation

低侵襲肝切除の次世代への教育

Akishige Kanazawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)

金沢 景繁 (東京医科大学病院消化器・小児外科学分野)

PD30-3 Training of Young Surgeons in Minimally Invasive Liver Surgery

当科における低侵襲肝切除の若手教育

Toshitaka Sugawara (Department of Hepato-Biliary-Pancreatic & Gastrointestinal Surgery, International University of Health and Welfare School of Medicine, Japan)

菅原 俊喬 (国際医療福祉大学成田病院消化器外科)

PD30-4 Young surgeon education in robotic liver resection using role-sharing surgery at our department

当科における Role Sharing Surgery を用いたロボット肝切除術の若手外科医教育

Tomokatsu Kato (Gastroenterological Surgery, Nagoya City University, Japan)

加藤 知克 (名古屋市立大学消化器外科)

PD30-5 Young Surgeon Education in Robotic Liver Resection within a Multi-Platform Environment

マルチプラットフォーム環境でのロボット肝切除における若手教育

Hiroataka Fukuoka (Department of Surgery, Fujita Health University, Japan)

福岡 裕貴 (藤田医科大学総合消化器外科)

PD30-6 Education and Implementation of Robot-Assisted Liver Resection for the Robot-Native Generation

ロボットネイティブ世代に対するロボット支援下肝切除の教育と導入

Yu Teshigahara (Department of Surgery, Ageo central general hospital, Japan)

勅使河原優 (上尾中央総合病院外科)

- PD30-7 Educational Significance of the Two-Surgeon Method in Robot-Assisted Liver Resection Using Saroa
力覚ロボット Saroa を用いたロボット支援肝切除における Two-surgeon method の教育的意義
Nobuhisa Tanioka (Kochi Medical School Department of Surgery, Japan)
谷岡 信寿 (高知大学外科学講座(消化器外科学、小児外科学))
- PD30-8 Education on Minimally Invasive Liver Resection - Hands-on Training Program by the Liver Endoscopic Surgery Study Group of Japan
低侵襲性肝切除の教育 - 肝臓内視鏡外科研究会によるハンズオントレーニングプログラム
Yuichiro Otsuka (Division of General and Gastroenterological Surgery, Department of Surgery, Toho University Faculty of Medicine, Japan/The Endoscopic Liver Surgery Study Group of Japan, Japan)
大塚由一郎 (東邦大学医学部外科学講座一般消化器外科/肝臓内視鏡外科研究会)

September 5 (Sat) Room 4 (Conference Center 5F 503)

8:00~9:30

Panel Discussion 31 Robot-Assisted Surgery from a Health Economics Perspective

医療経済学的側面から見たロボット支援手術

Chair Yoshiharu Sakai (Uji Tokusyukai Hospital)
坂井 義治 (宇治徳洲会病院)

Atsushi Takenaka (Division of Urology, Tottori University)
武中 篤 (鳥取大学腎泌尿器学分野)

- PD31-1 Sustainability of Robotic Pancreatic Resection: A Cost-Benefit Analysis by Surgical Approach
膵切除術におけるアプローチ法別の収支損益分析によるロボット支援下手術の持続可能性の検討
Goro Honda (Department of Surgery, Institute of Gastroenterology, Tokyo Women's Medical University, Japan)
本田 五郎 (東京女子医科大学消化器病センター外科)
- PD31-2 Surgeon-Led Operational Reform in Robotic Surgery: Achieving Fiscal Sustainability Through Clinical and Managerial Synergy
外科医と経営の視点をつなぐロボット手術運用改革の実践
Fuminori Teraishi (Department of Surgery, National Hospital Organization Fukuyama Medical Center, Japan)
寺石 文則 (国立病院機構福山医療センター消化器外科)
- PD31-3 Robotic surgery in public hospitals in highly depopulated areas from a medical economic perspective
医療経済学的側面から見た高度過疎地域の公的病院におけるロボット手術
Katsuya Deguchi (Department of Surgery, North Medical Center, Kyoto Prefectural University of Medicine, Japan)
出口 勝也 (京都府立医大附属北部医療センター外科)

- PD31-4 Health Economic Evaluation of a Hybrid Approach in Robotic-Assisted Colorectal Cancer Surgery
 ロボット支援下大腸癌手術におけるハイブリッドアプローチの医療経済的検討
 Yusuke Takahashi (Department of Surgery, NHO Osaka National Hospital, Japan)
 高橋 佑典 (国立病院機構大阪医療センター外科)
- PD31-5 Cost Optimization in Thoracic Robotic Surgery: Fusion Surgery and Consumables Strategy
 呼吸器外科領域におけるロボット支援手術の医療経済課題とコスト最適化：Fusion Surgery と消耗品戦略
 Masato Aragaki (Department of Thoracic Surgery, Hokkaido University Hospital, Japan)
 新垣 雅人 (北海道大学病院呼吸器外科)
- PD31-6 Robotic colorectal surgery without scrub nurse
 清潔看護師を必要としないロボット支援下大腸手術
 Rei Mizuno (Department of Surgery, Kyoto Medical Center, Japan)
 水野 礼 (国立病院機構京都医療センター外科)

September 5 (Sat) Room 4 (Conference Center 5F 503)

9:40~11:10

Panel Discussion 32 Assessing Surgical Costs in the Era of Endoscopic and Robotic Surgery

内視鏡・ロボット支援手術時代の手術コストを考える

Chair Kazutaka Obama (Department of Surgery, Kyoto University)
 小濱 和貴 (京都大学消化管外科)

Yusuke Watanabe (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University / Institute of Health Science Innovation for Medical Care, Hokkaido University Hospital)

渡邊 祐介 (藤田医科大学先端ロボット・内視鏡手術学講座／北海道大学病院医療・ヘルスサイエンス研究開発機構)

- PD32-1 Sustainable Health Economic Strategy for Gynecological Robotic Surgery
 婦人科ロボット手術における持続可能な医療経済戦略
 Ikuko Sakamoto (Department of gynecology, Yamanashi Central Hospital, Japan)
 坂本 育子 (山梨県立中央病院婦人科)
- PD32-2 Operating robotic surgery across the organization
 組織全体で取り組むロボット支援手術運用
 Masayasu Kawasaki (Department of Surgery, Bell Land General Hospital, Japan)
 川崎 誠康 (ベルランド総合病院外科)
- PD32-3 Hidden cost of reusable instruments in robotic-assisted surgery
 ロボット支援手術における鉗子損傷に伴う隠れた経済的損失 (多施設共同研究)
 Shuzo Hamamoto (Department of Nephro-urology, Nagoya City University Graduate School of Medical Sciences, Japan)
 濱本 周造 (名古屋市立大学大学院医学研究科腎・泌尿器科学分野)

- PD32-4 Outcomes of Cost-Reduction Measures in Robot-Assisted Upper Gastrointestinal Surgery
 上部消化管領域のロボット支援手術におけるコスト削減施策の成果
 Yuki Sakai (Second Department of Surgery, Hamamatsu University School of Medicine, Japan)
 境井 勇気 (浜松医科大学外科学第二講座)
- PD32-5 Cost Optimization in Endoscopic Surgery for Benign Disease: Experience from 300 Consecutive Day-case TAPP Procedures by a Single Surgeon
 良性疾患における内視鏡手術コスト最適化の実践－日帰り TAPP 単一術者 300 例の経験から－
 Takashi Ishida (Department of Hepato-Biliary-Pancreatic & Gastrointestinal Surgery, International University of Health and Welfare, Narita Hospital, Japan)
 石田 隆 (国際医療福祉大学成田病院消化器外科)
- PD32-6 Efforts for Cost Management in Colorectal Surgery in the Era of Robotic Surgery: Standardization and Acceleration of Procedures to Increase Surgical Volume
 ロボット手術時代における大腸癌手術のコスト管理への取り組み～定型手術の高速化と手術件数増加への挑戦～
 Kenta Kasahara (Department of Gastrointestinal and Pediatric surgery, Tokyo Medical University, Japan)
 笠原 健大 (東京医科大学消化器・小児外科学分野)

September 5 (Sat) Room 4 (Conference Center 5F 503)

12:40～14:10

Panel Discussion 33 Efficient Training for Robot-Assisted Surgery in the Upper GI Field

上部消化管領域におけるロボット支援手術の効率的な教育

- Chair Hirofumi Kawakubo (Department of Esophageal Surgery, Cancer Institute Ariake Hospital)
 川久保博文 (がん研究会有明病院食道外科)
- Noriyuki Inaki (Department of Gastrointestinal Surgery/Breast Surgery, Kanazawa University)
 稲木 紀幸 (金沢大学医薬保健研究域医学系消化管外科学 / 乳腺外科学)

- PD33-1 Standardization of surgical procedures tailored to the characteristics of surgical robots and its impact on training in robot assisted minimally invasive esophagectomy
 手術支援ロボットの特性を考慮した手技の定型化がロボット支援下食道切除術の修練に及ぼす影響
 Hironobu Goto (Division of Gastrointestinal Surgery, Department of Surgery, Kobe University, Japan)
 後藤 裕信 (神戸大学食道胃腸外科)

- PD33-2 Structured Education of Robot-Assisted Esophagectomy Through Three Axes: Anatomy, Surgical Concept, and Device Use**
 解剖、手術コンセプト、デバイス、三つの指導とパート毎に進めるロボット支援下食道亜全摘の教育
 Masashi Hashimoto (Department of Gastroenterological Surgery, Okayama University Hospital, Japan)
 橋本 将志 (岡山大学病院消化管外科)
- PD33-3 Teaching methods to develop “spirit” in modern minimally invasive esophagectomy**
 現代の低侵襲食道癌手術における「心」を育てる指導法
 Junya Oguma (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
 小熊 潤也 (東京医科大学消化器・小児外科学分野)
- PD33-4 Strategies for Safe and Efficient Surgical Training in Robotic Esophagectomy**
 安全かつ効率的なロボット支援食道切除術者育成の取り組み
 Yohei Ozawa (Department of Surgery, Tohoku University Hospital, Japan)
 小澤 洋平 (東北大学病院総合外科)
- PD33-5 Educational Initiative for Training Young Robotic Surgeons**
 当教室における施設横断的な若手ロボット術者育成の取り組み
 Yosuke Morimoto (Department of Surgery, Keio University School of Medicine, Japan)
 森本 洋輔 (慶應義塾大学医学部一般・消化器外科)
- PD33-6 Optimizing Training for Robotic Surgeons: Reproducibility and Standardization in Surgical Education**
 ロボットサージョン育成の最適解を探る：教育の再現性と標準化
 Hiroyuki Sagawa (Department of Gastroenterological Surgery, Graduate School of Medical Sciences, Nagoya City University, Japan)
 佐川 弘之 (名古屋市立大学大学院医学研究科消化器外科学)
- PD33-7 Current Status and Future Prospects of Gastric Cancer Surgical Education in the Transition from Laparoscopic to Robotic Surgery**
 腹腔鏡からロボット手術への移行期における胃外科教育の現状と展望
 Kazuhisa Ehara (Department of Gastroenterological Surgery, Saitama Cancer Center, Japan)
 江原 一尚 (埼玉県立がんセンター胃外科)
- PD33-8 Learning Curve of Robotic Distal Gastrectomy by Certified Surgeons: RA-CUSUM Analysis**
 技術認定取得医によるロボット支援下幽門側胃切除の learning curve : RA-CUSUM 解析による検討
 Kenichiro Furukawa (Division of Gastric Surgery, Shizuoka Cancer Center, Shizuoka, Japan)
 古川健一朗 (静岡県立静岡がんセンター胃外科)
- PD33-9 An efficient surgical training method in a limited case volume: The utility of the Double-surgeon technique**
 限られた症例数での効率的な手術教育法：Double-surgeon technique の有用性
 Yoshihiko Kakiuchi (Department of Gastroenterological Surgery, Okayama University, Japan)
 垣内 慶彦 (岡山大学病院消化器外科)

Panel Discussion 34 Optimal Timing of Conversion Surgery for Advanced Gastric Cancer and Technical Caveats

進行胃癌に対する Conversion surgery の至適タイミング、手術操作における注意点について

Chair Yasushi Rino (Department of surgery, International university of health and welfare, Atami hospital)

利野 靖 (国際医療福祉大学熱海病院外科)

Hiroshi Saeki (Department of General Surgical Science, Gunma University)

佐伯 浩司 (群馬大学大学院消化管外科)

PD34-1 Clinical characteristics and significance of minimally invasive surgery in patients undergoing conversion surgery for unresectable advanced gastric cancer

切除不能進行胃癌に対する Conversion surgery 施行症例における臨床的特徴と低侵襲手術の意義

Akihiko Sano (Department of General Surgical Science, Gunma University Graduate School of Medicine, Japan)

佐野 彰彦 (群馬大学大学院総合外科学消化管外科)

PD34-2 Optimal timing of conversion surgery for Stage IV gastric cancer

Stage IV胃癌に対する Conversion surgery の至適タイミング

Maho Takuwa (Department of Gastric Surgery, National Cancer Center Hospital, Japan)

多久和真帆 (国立がん研究センター中央病院胃外科)

PD34-3 Complementary prognostic value of Stage IV factor counts to the Yoshida classification and optimal timing of conversion surgery for gastric cancer

胃癌コンバージョン手術戦略：Yoshida 分類・StageIV 因子数の補完的意義と手術時期・手技の工夫

Ryo Ishida (Division of Digestive Surgery, Department of Surgery, Kyoto Prefectural University of Medicine, Japan)

石田 怜 (京都府立医科大学附属病院消化器外科)

PD34-4 Treatment Outcomes of Conversion Surgery for Advanced Gastric Cancer: Surgical Procedure Selection and Strategies to Prevent Complications

進行胃癌に対する Conversion Surgery の治療成績に基づく術式選択と合併症回避策

Takaaki Arigami (Department of Digestive Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, Japan)

有上 貴明 (鹿児島大学大学院消化器外科学)

PD34-5 Optimal Timing of Conversion Surgery and the Role of Minimally Invasive Surgery in Stage IV Gastric Cancer

StageIV 胃癌 Conversion surgery における至適タイミングと低侵襲手術の役割

Jun Kinoshita (Department of Gastrointestinal Surgery, Kanazawa University Hospital, Japan)

木下 淳 (金沢大学附属病院消化管外科)

- PD34-6 Analysis of Surgical Timing and Prognostic Factors in Conversion Surgery for Stage IVB Gastric Cancer
Stage IVB 胃癌における Conversion surgery の施行時期と予後因子の検討
Daiki Terajima (Gastric Surgery Division, National Cancer Center Hospital East, Kashiwa, Japan)
寺嶋 大貴 (国立がん研究センター東病院胃外科)
- PD34-7 Prognostic Outcomes According to Non-curative Factors in Conversion Surgery for Gastric Cancer
胃癌 Conversion surgery における非治癒因子別にみた予後の検討
Yusuke Fujii (Department of Surgery, Kyoto University Hospital, Kyoto, Japan)
藤井 佑介 (京都大学医学部附属病院消化管外科)
- PD34-8 Surgical Pitfalls and Therapeutic Outcomes of Conversion Surgery for Advanced Gastric Cancer
進行胃癌に対する Conversion 手術の注意点と治療成績
Yoshito Yamashita (Department of Gastroenterological Surgery, Tokusyuikai Medical Group, Japan)
山下 好人 (徳洲会東京本部消化器外科)
- PD34-9 Conversion Surgery for Stage IV Gastric Cancer: Determining the Optimal Timing and the Importance of Precise Lymphadenectomy
Stage IV 胃癌 Conversion surgery : 手術時期の見極めと精緻な郭清手技の重要性
Souya Nunobe (Department of Gastric Surgery, Cancer Institute Hospital, Japan)
布部 創也 (がん研究会有明病院)

September 5 (Sat) Room 5 (Conference Center 5F 511+512) 9:40~11:10

Panel Discussion 35 Transoral Robotic Surgery 頭頸部ロボット支援手術

- Chair Ichiro Tateya (Department of Otolaryngology - Head and Neck Surgery, Fujita Health University)
楯谷 一郎 (藤田医科大学耳鼻咽喉科・頭頸部外科)
Kazunori Fujiwara (Department of Otolaryngology, Head and Neck Surgery, Tottori University)
藤原 和典 (鳥取大学耳鼻咽喉科頭頸部外科)

- PD35-1 Clinical Analysis of 70 Cases Undergoing Transoral Robotic Surgery: A Comparison Between the da Vinci Xi and SP Systems
TORS を施行した 70 症例の検討 — da Vinci Xi と SP の比較 —
Hisayuki Kato (Department of Otolaryngology - Head and Neck Surgery School of Medicine, Fujita Health University, Japan)
加藤 久幸 (藤田医科大学耳鼻咽喉科頭頸部外科)

- PD35-2 **Vances in Transoral Robotic Surgery for Hypopharyngeal Cancer Incorporating Percutaneous Laryngeal Elevation and Endoscope Repositioning**
経皮的喉頭挙上法と内視鏡配置転換を用いた下咽頭癌に対する経口的ロボット支援手術の新展開
Satoshi Koyama (Department of Otolaryngology-Head and Neck Surgery, Faculty of Medicine, Tottori University, Japan)
小山 哲史 (鳥取大学医学部感覚運動医学講座耳鼻咽喉・頭頸部外科学分野)
- PD35-3 **Safety and Indications of TORS in the Era of Centralization**
集約化時代における TORS の安全性と適応
Tsutomu Ueda (Graduate School of Biomedical and Health Sciences Hiroshima University, Japan)
上田 勉 (広島大学大学院医系科学研究科)
- PD35-4 **Current status of transoral robotic surgery in Japan**
症例レジストリデータからみる TORS の現状について
Daisuke Sano (Department of Otorhinolaryngology-Head and Neck Surgery, Yokohama City University, School of Medicine, Japan)
佐野 大佑 (横浜市立大学医学部)
- PD35-5 **Initial Experience with Transaxillary Robotic Thyroidectomy (TART)**
経腋窩的ロボット甲状腺手術 (TART) の導入初期経験
Makoto Kurose (Department of Otolaryngology-Head and Neck Surgery, Sapporo Medical University, Japan)
黒瀬 誠 (札幌医科大学耳鼻咽喉科・頭頸部外科)

September 5 (Sat) Room 6 (Conference Center 4F 411+412) 14:20~15:50

Panel Discussion 36 Thoracoscopic Repair for Tracheo-Esophageal Fistula/Long Gap Esophageal Atresia

Chair KuoJen Tsao (Pediatric Surgery, McGovern Medical School, the University of Texas Health Science Center)

Satoshi Ieiri (Department of Pediatric Surgery, Kagoshima University)
家入 里志 (鹿児島大学小児外科)

PD36-1 (Keynote Lecture)

Thoracoscopic repair of oesophageal atresia - what is new?

Kenneth Wong (Department of Surgery, The University of Hong Kong, Hong Kong S.A.R., China)

PD36-2 (Keynote Lecture)

Evolution of fetal surgery - Fetoscopic repair of open neural tube defects

KuoJen Tsao (Pediatric Surgery, McGovern Medical School, the University of Texas Health Science Center)

PD36-3 Long-gap esophageal atresia: a single-center experience with a transition from the Foker to the Howard technique

当院の Long Gap 食道閉鎖症の治療経験

Shoko Ogawa (Department of Pediatric Surgery, Saitama Children's Medical Center, Japan)

小川 祥子 (埼玉県立小児医療センター小児外科)

- PD36-4 **Thoracoscopic Approach for Esophageal Anastomosis after Esophageal Elongation in Patients with for Esophageal Atresia**
 先天性食道閉鎖症に対する食道延長後の食道吻合に対する胸腔鏡アプローチの検討
 Takahisa Tainaka (Department of Pediatric Surgery, Nagoya University Graduate School of Medicine, Japan)
 田井中貴久 (名古屋大学大学院小児外科学)
- PD36-5 **Best practice to complete thoracoscopic repair for Gross C type esophageal atresia**
Gross C 型の食道閉鎖症に対する胸腔鏡手術の完遂へ
 Soichi Shibuya (Department of Pediatric General and Urogenital Surgery, Juntendo University School of Medicine, Japan)
 澁谷 聡一 (順天堂大学医学部附属順天堂医院小児外科・小児泌尿生殖器外科)
- PD36-6 **Clinical Outcomes of Thoracoscopic Surgery for Esophageal Atresia: A Multicenter Study in East Asia**
C 型食道閉鎖症に対する胸腔鏡手術の治療成績—東アジア 5 施設の多施設共同研究解析からみえる標準化と普及
 Yudai Tsuruno (Division of Pediatric Surgery, Kobe University Graduate School of Medicine, Japan / Department of Pediatric Surgery, Research Field in Medical and Health Sciences, Medical and Dental Area, Research and Education Assembly, Kagoshima University, Japan)
 鶴野 雄大 (神戸大学大学院医学研究科外科学講座小児外科学分野 / 鹿児島大学学術研究院医歯学域医学系小児外科学分野)

September 5 (Sat) Room 14 (Conference Center 3F 301)

12:40~14:10

Panel Discussion 37 **Prospects for Metabolic and Bariatric Surgery as a Bridge Surgery**

ブリッジ手術としての減量代謝改善手術

Chair Fumiaki Yano (Department of Surgery, The Jikei University School of Medicine)

矢野 文章 (東京慈恵会医科大学外科学講座)

Yuichi Endo (Department of Gastroenterological and Pediatric Surgery, Oita University)

遠藤 裕一 (大分大学消化器・小児外科)

PD37-1 **Bariatric Surgery as a Bridge to Ventral Hernia Repair in Patients with Severe Obesity**

高度肥満患者の腹壁ヘルニア修復への架け橋としての減量・代謝改善手術

Takuya Saito (Department of Upper Gastrointestinal Surgery, Kansai Medical University General Medical Center, Japan / Abdominal Hernia and Functional Surgery Center, Kansai Medical University General Medical Center, Japan / Department of Gastroenterological Surgery, Aichi Medical University, Japan / Department of Upper Gastrointestinal Surgery, Kansai Medical University, Japan)

齊藤 卓也 (関西医科大学総合医療センター上部消化管外科 / 関西医科大学総合医療センター腹部ヘルニア・機能外科センター / 愛知医科大学消化器外科 / 関西医科大学上部消化管外科学講座)

- PD37-2 Usefulness of Laparoscopic Sleeve Gastrectomy (LSG) Performed Prior to Definitive Surgery**
 根治手術に先行して施行した腹腔鏡下スリーブ状胃切除術 (LSG) の有用性の検討
 Manabu Amiki (Department of Surgery, Kawasaki Saiwai Hospital, Japan)
 網木 学 (川崎幸病院外科)
- PD37-3 Evaluation of Short-Term Preoperative Weight Loss in Obese Patients with Gastrointestinal Cancer**
 高度肥満症を有する消化器癌患者に対する術前減量の検討
 Hiroomi Takayama (Department of Comprehensive Surgery for Community Medicine, Oita University Faculty of Medicine, Japan)
 高山 洋臣 (大分大学医学部総合外科・地域連携学講座)
- PD37-4 Perioperative Outcomes and Optimal Timing of Bridge Surgery in Patients with Severe Obesity**
 高度肥満患者に対する Bridge Surgery の周術期成績と至適インターバルの検討
 Yasunori Uesato (Department of metabolic surgery, Ohama Daiichi Hospital, Japan)
 上里 安範 (大浜第一病院代謝外科)
- PD37-5 Current Status and Institutional Experience of Metabolic and Bariatric Surgery as a Bridge Procedure**
 ブリッジ手術としての減量代謝改善手術の現状と課題
 Kohei Uno (Division of Surgery, Tokyo Jikei University School of Medicine, Japan)
 宇野 耕平 (東京慈恵会医科大学附属病院外科学講座)
- PD37-6 The Usefulness of Bariatric Metabolic Surgery as secondary surgeries for Weight Loss and Metabolic Improvement in Patients with Severe Obesity**
 高度肥満症患者における減量代謝改善手術の二期的手術としての意義
 Takafumi Iwasaki (Department of Surgery, Iwate Medical University School of Medicine, Japan)
 岩崎 崇文 (岩手医科大学医学部外科学講座)
- PD37-7 Future Potential of Metabolic and Bariatric Surgery as a Bridge to Surgery**
 ブリッジ手術としての減量・代謝改善手術の可能性
 Takeshi Naitoh (Department of Lower Gastrointestinal Surgery, Kitasato University School of Medicine, Japan)
 内藤 剛 (北里大学医学部下部消化管外科学)
- PD37-8 (Keynote Lecture)**
 Does the bridge to obesity sensitive intervention reside in obesity surgery or pharmacotherapy?
 Christopher Schlachta (Department of Surgery, Schulich School of Medicine and Dentistry, Western University, Canada)

Panel Discussion 38 Treatment Strategies for High-risk Abdominal Wall Hernia

ハイリスク腹壁ヘルニアに対する治療方針

Chair Jose Macario Velasco Faylona (Department of Surgery, UP College of Medicine, University of the Philippines Manila, Philippines)

Takeshi Nagahama (Department of General Surgery, Kudanzaka Hospital)

長浜 雄志 (国家公務員共済組合連合会九段坂病院外科)

Takahide Yokoyama (Department of Surgery, Shinsu Ueda Medical Center)

横山 隆秀 (信州上田医療センター外科)

PD38-1 Preoperative preparation and management options for high risk abdominal wall hernias

Jose Macario Velasco Faylona (Department of Surgery, UP College of Medicine, University of the Philippines Manila, Philippines)

PD38-2 Innovative Stay Sutures in Large Ventral Hernia Defect

Sanjay Chaube (Chaube Endosurgery & Rohan ultrasound centre, Shivpuri road, Jhansi, India / Lifeline superspecialist hospital, Kanpur road, Jhansi, India / St. Jude's Hospital, Sipri Jhansi, India / Department of surgery, MLB Medical college Jhansi, India)

PD38-3 eTEP approach as first choice for ventral hernia repair in high-risk patient

ハイリスク患者における腹壁癒痕ヘルニア修復術の第一選択としての eTEP アプローチ

Atomu Kiriya (Hokkaido University Graduate School of Medicine Faculty of Gastroenterological Surgery II, Japan)

桐山 亜斗夢 (北海道大学大学院医学研究院消化器外科学教室 II)

PD38-4 Tailored Extraperitoneal Reconstruction Strategy for High-risk Abdominal Wall Hernias

ハイリスク腹壁ヘルニアに対する鏡視下腹膜外修復を基本とした段階的治療戦略

Yuji Konishi (Department of Surgery, NHO Hokkaido Medical Center, Japan)

小丹 枝裕二 (国立病院機構北海道医療センター外科)

PD38-5 Treatment strategy for loss of domain hernia

Loss of Domain ヘルニアに対する治療方針

Hiroshi Hirukawa (Department of Surgery, Tachikawa General Hospital, Japan)

蛭川 浩史 (立川総合病院外科)

PD38-6 Outcomes of eTEP-Based Repair for High-Risk Incisional Hernia: A Study Based on the EHS Definition of Complex Hernia

ハイリスク腹壁癒痕ヘルニアに対する eTEP-based repair : EHS-defined complex hernia による検討

Kiyotaka Imamura (Abdominal Hernia Center, Yotsuya Medical Cube, Japan)

今村 清隆 (四谷メディカルキューブ腹部ヘルニア総合センター)

- PD38-7 eTEP/TAR for Complex Incisional Hernias: Indications, Complications, and Lessons Learned
 複雑腹壁癒痕ヘルニアに対する eTEP/TAR : 適応・合併症・治療経験から得られた教訓
 Taketo Matsubara (Hernia Center, St. Luke's International Hospital, Japan /
 Department of Gastrointestinal Surgery, St. Luke's International
 Hospital, Japan)
 松原 猛人 (聖路加国際病院ヘルニアセンター / 聖路加国際病院消化器・一般外科)
- PD38-8 Chronic Abdominal Wall and Groin Pain: A to Z
 Brian P Jacob (Department of Surgery, Mount Sinai, New York City, United States)

September 5 (Sat) Room 16 (Conference Center 3F 303)

14:20~15:50

Panel Discussion 39 Laparoscopic Para-aortic Lymphadenectomy 腹腔鏡下大動脈郭清

- Chair Ichiro Uyama (Advance Robotic and Endoscopic Surgery, Fujita
 Health University)
 宇山 一郎 (藤田医科大学先端ロボット・内視鏡手術学講座)
 Shuji Takiguchi (Department of Gastroenterological Surgery, Nagoya
 City University Graduate School of Medical
 Sciences)
 瀧口 修司 (名古屋市立大学消化器外科)

- PD39-1 Robotic Para-aortic Lymph Node Dissection Using the da Vinci SP System for
 Advanced Gastric Cancer in the Era of Immune Checkpoint Inhibitors and
 Molecularly Targeted Therapy
 ICI・分子標的治療時代の胃癌に対する傍大動脈リンパ節郭清 —da Vinci SP 手技の定
 型化—
 Takeshi Omori (Department of Gastrointestinal Surgery, Osaka International Medical
 and Science Center, Osaka Keisatsu Hospital, Japan)
 大森 健 (大阪国際メディカル&サイエンスセンター大阪けいさつ病院消化器外科)
- PD39-2 Technique for robot-assisted para-aortic lymph node dissection for gastric cancer
 当院の胃癌に対するロボット支援下大動脈リンパ節郭清の適応と手技
 Shunji Kinuta (Department of Surgery Takeda General Hospital, Japan)
 絹田 俊爾 (財団法人竹田総合病院診療部外科)
- PD39-3 Robotic para-aortic lymph node dissection: The role of the left renal vein first
 approach
 ロボット支援傍大動脈リンパ節郭清 —左腎静脈ファーストアプローチの役割—
 Hiroyuki Sagawa (Department of Gastroenterological Surgery, Nagoya City University
 Graduate School of Medical Sciences, Japan)
 佐川 弘之 (名古屋市立大学大学院医学研究科消化器外科学)

- PD39-4 **Technique, Safety, and Clinical Significance of MIS for PALN Metastasis in Gastric Cancer**
 胃癌の傍大動脈リンパ節転移に対する MIS による切除の手技の工夫と安全性・意義の検討
 Itaru Yasufuku (Department of Clinical Anatomy Development Studies, Gifu University Graduate School of Medicine, Japan / Department of Gastroenterological and Pediatric Surgery, Gifu University Graduate School of Medicine, Japan)
 安福 至 (岐阜大学大学院医学系研究科臨床解剖開発学講座 / 岐阜大学大学院医学系研究科消化器外科・小児外科)
- PD39-5 **Surgical Technique and Clinical Outcomes of Minimally Invasive Para-Aortic Lymph Node Dissection for Gastric Cancer Using the CAVING Approach**
 CAVING アプローチによる胃癌低侵襲大動脈周囲リンパ節郭清の手技と治療成績
 Keiji Hayata (Second Department of Surgery, Wakayama Medical University, Japan)
 早田 啓治 (和歌山県立医科大学第2講座)
- PD39-6 **Laparoscopic Para-aortic Lymph Node Dissection for Colorectal Cancer**
 下部消化管領域における腹腔鏡下大動脈周囲リンパ節郭清
 Jun Watanabe (Department of Colorectal Surgery, Kansai Medical University, Japan)
 渡邊 純 (関西医科大学下部消化管外科学講座)

September 5 (Sat) Room 17 (Conference Center 3F 304)

9:40~11:10

Panel Discussion 40 Optimizing Perioperative Management in Minimally Invasive Colorectal Surgery

低侵襲大腸手術の周術期管理の最適化を目指して

- Chair Shungo Endo (Department of Gastrointestinal Surgery, Aizu Medical Center, Fukushima Medical University)
 遠藤 俊吾 (福島県立医科大学会津医療センター消化器外科)
 Hirotohi Kobayashi (Department of Surgery, Teikyo University Hospital, Mizonokuchi)
 小林 宏寿 (帝京大学医学部附属溝口病院外科)

- PD40-1 **Perioperative management of MIS using ERAS protocols in the United States**
 米国がん専門病院における ERAS を用いた MIS 周術期管理
 Tsuyoshi Konishi (Department of Colon and Rectal Surgery, The University of Texas MD Anderson Cancer Center, United States)
 小西 毅 (Department of Colon and Rectal Surgery, The University of Texas MD Anderson Cancer Center, United States)
- PD40-2 **Effect of Preoperative Oral Antibiotics in Preventing SSI after Laparoscopic Colorectal Cancer Surgery**
 腹腔鏡下大腸癌手術における術前経口抗菌薬の手術部位感染予防効果：傾向スコアマッチングを用いた検討
 Tomohiro Arita (Division of Digestive Surgery, Department of Surgery, Kyoto Prefectural University of Medicine, Japan)
 有田 智洋 (京都府立医科大学消化器外科)

- PD40-3 Evolution of Preoperative Care and SSI-Reduction Efforts in MIS Colon Cancer Surgery at Our Hospital**
 当院の MIS 結腸癌手術における術前処置の変遷と SSI 低減の取り組み
 Yu Kuboyama (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
 久保山 侑 (東京医科大学消化器・小児外科学分野)
- PD40-4 Optimal perioperative fluid volume for preventing paralytic ileus in minimally invasive colorectal surgery**
 大腸 MIS における麻痺性イレウス発症予防の観点から考える周術期至適輸液量
 Gakushi Kitamura (Division of Digestive Surgery, Department of Surgery Kyoto Prefectural University of Medicine, Japan)
 北村 学士 (京都府立医科大学消化器外科)
- PD40-5 Comprehensive analysis of retrograde infection of a prophylactic pelvic drain in rectal surgery: a retrospective cohort study**
 直腸手術における予防的骨盤ドレーンの逆行性感染に関する包括的検討
 Yuzo Nagai (Department of Surgical Oncology, Faculty of Medicine, The University of Tokyo, Japan)
 永井 雄三 (東京大学腫瘍外科)
- PD40-6 Risk Factors for Surgical Site Infection Following Colorectal Cancer Surgery and Perioperative Management**
 大腸癌手術後の手術部位感染の危険因子の検討と周術期管理
 Takuya Yano (Department of Gastroenterological and Transplant Surgery, Hiroshima University Hospital, Japan)
 矢野 琢也 (広島大学病院消化器外科)
- PD40-7 Implementation of a Clinical Pathway for Colorectal Cancer Surgery Aimed at Perioperative Care Close to Daily Life**
 日常生活に近い周術期管理を目指した大腸がんクリニカルパスの導入
 Satoshi Fukai (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)
 深井 智司 (大阪国際がんセンター消化器外科)
- PD40-8 Clinical Pathway Operations in Colorectal Cancer by Stoma Status and DPC Differential Trends**
 人工肛門造設の有無に基づく大腸癌クリニカルパスの運用と DPC 出来高包括差額の傾向分析
 Hiroki Ohya (Department of Gastroenterological Surgery, Yokohama City University Graduate School of Medicine, Japan)
 大矢 浩貴 (横浜市立大学医学部消化器・腫瘍外科学)

Panel Discussion 41 The Current Status and Future Prospects of Robot-assisted Surgery for Colon Cancer

ロボット支援結腸癌手術の現状と展望

Chair Tsunekazu Hanai (Department of Gastroenterological Surgery, Fujita-Health-University Bantane Hospital)

花井 恒一 (藤田医科大学ばんだね病院外科)

Shunsuke Tsukamoto (Department of Colorectal Surgery, National Cancer Center Hospital)

塚本 俊輔 (国立がん研究センター中央病院大腸外科)

- PD41-1 Sustainable Robot-Assisted Colon Cancer Surgery: Short- and Mid-Term Outcomes with Cost-Conscious Efficiency Optimization
Sustainable なロボット支援結腸がん手術 - 短期 / 中期成績とコストを意識した効率化 -
Junichi Mazaki (Department of Gastrointestinal and Pediatric Surgery, Japan)
真崎 純一 (東京医科大学病院消化器・小児外科学分野)
- PD41-2 Robotic surgery for right-sided colon cancer with a standardized duodenum-first approach
定型化した十二指腸前面アプローチを用いた右側結腸癌手術におけるロボット手術の特性
Kinuko Nagayoshi (Department of Surgery and Oncology, Kyushu University, Japan)
永吉 絹子 (九州大学臨床・腫瘍外科)
- PD41-3 Short- and long-term outcomes of robot-assisted colon cancer surgery in our institution
結腸癌に対するロボット支援手術の短期および長期成績の検討と術者教育
Takehito Yamamoto (Department of Surgery, Kyoto University, Japan)
山本 健人 (京都大学医学部附属病院消化管外科)
- PD41-4 Effectiveness of Robotic Surgery in Short-Term Outcomes of Colon Cancer - Standardization of Colon Cancer Surgery Including Surgeon Training
ロボット支援結腸癌手術の短期成績における有効性 - 術者教育を含めた結腸癌手術における標準化
Tadahiro Kojima (Division of Colon and Rectal Surgery, Shizuoka Cancer Center, Japan)
小嶋 忠浩 (静岡がんセンター大腸外科)
- PD41-5 Multicenter Propensity Score-Matched Analysis of Robotic Colectomy: Short-term Outcomes and Strategic Approach to Cost and Technique
多施設 PSM 解析によるロボット結腸癌手術の短期成績とアプローチ・コスト戦略
Kaido Oishi (Department of Surgery, NHO Nagasaki Medical Center, Nagasaki, Japan)
大石 海道 (長崎医療センター外科)
- PD41-6 Short-term outcomes of laparoscopic versus robotic colectomy stratified by surgical procedure for colon cancer
結腸癌手術における腹腔鏡手術とロボット支援手術の術式別短期成績
Hitomi Matsuki (Department of Colorectal Surgery, National Cancer Center Hospital, Japan)
松木 仁美 (国立がん研究センター中央病院大腸外科)

- PD41-7 **Robotic vs Laparoscopic Right-Sided Colectomy: Propensity Score-Matched Analysis of Short-Term Outcomes**
 右側結腸切除におけるロボット手術の利点と術後短期成績：PSM を用いた腹腔鏡との比較
 Shoichiro Hara (Department of Surgery, Kyoto Chubu Medical Center, Japan)
 原 章一郎 (京都中部総合医療センター外科)
- PD41-8 **Short-term outcomes and efforts in robotic colon cancer surgery at our institution**
 当院におけるロボット支援結腸癌手術の短期成績と取り組み
 Noriko Iwata (Department of Surgery, Edogawa Hospital, Japan)
 岩田乃理子 (社会福祉法人仁生社江戸川病院外科)
- PD41-9 **Short-Term Outcomes, Learning Curves, and Cost Challenges of Robotic Colon Cancer Surgery**
 結腸癌におけるロボット支援手術の短期成績・学習曲線とコスト課題
 Masatoshi Kitakaze (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)
 北風 雅敏 (大阪国際がんセンター消化器外科)

Workshop / ワークショップ

September 2 (Wed) Room 4 (Conference Center 5F 503)

14:40~16:10

Workshop 1 **Intra-Institutional Use of Multiple Robotic Platforms in Robot-Assisted Surgery**

複数機種でのロボット支援手術における施設内の機種の使い分け

Chair Ichiro Takemasa (Department of Gastroenterological surgery, Osaka International Medical and Science Center)

竹政伊知朗 (大阪国際メディカル & サイエンスセンター消化器外科)

Ikuko Sakamoto (Gynecology, Yamanashi Central Hospital)

坂本 育子 (山梨県立中央病院婦人科)

WS1-1 **Our experience in the introduction and implementation of robotic gastrectomy for gastric cancer using novel surgical robots** 新規手術支援ロボットを用いた胃癌に対するロボット支援胃切除術—当科における導入と運用の経験

Koichi Suda (Divisions of GI & HPB, Department of Surgery, Fujita Health University, Japan/Collaborative Laboratory for Research and Development in Advanced Surgical Intelligence, Fujita Health University, Japan)

須田 康一 (藤田医科大学医学部総合消化器外科学講座／藤田医科大学医学部高度情報医療外科学共同研究講座)

- WS1-2 Usefulness of fusion, hybrid surgery for safe introduction and flexible application of surgical robot for gastrectomy
胃切除への安全な新規ロボット導入と柔軟な機種選択における fusion、hybrid 手術の有用性
Motohira Yoshida (Ehime University Graduate School of Medicine, Department of Gastrointestinal Surgery and Surgical Oncology, Japan)
吉田 素平 (愛媛大学大学院消化管・腫瘍外科学)
- WS1-3 Perioperative Outcomes During the Introduction of the Hinotori Surgical Robot: A Comparison with the da Vinci System
hinotori 導入期の周術期成績：da Vinci との比較検討
Mitsuru Ishizuka (Department of Colorectal Surgery, Dokkyo Medical University, Japan)
石塚 満 (獨協医科大学下部消化管外科)
- WS1-4 Experience with Robotic Distal Pancreatectomy Using Three Platforms (da Vinci, hinotori, and Hugo): Comparison of Surgical Outcomes and Educational Implications
三機種 (ダビンチ、hinotori、Hugo) によるロボット支援膵体尾部切除術の経験：治療成績の比較と教育的意義
Kazuyuki Nagai (Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Graduate School of Medicine, Kyoto University, Japan)
長井 和之 (京都大学医学部附属病院肝胆膵・移植外科)
- WS1-5 Robotic platform selection for hernia repair at our institution (da Vinci Xi, SP, Senhance)
当院のヘルニア修復術におけるロボット 3 機種の使い分け (da Vinci Xi・SP・Senhance Surgical System)
Yuka Iwami (Department of Gastroenterological Surgery, Osaka International Medical and Science Center, Osaka, Japan)
石見 優佳 (大阪国際メディカル&サイエンスセンター大阪けいさつ病院)
- WS1-6 How to Use Multiple Surgical Robotic Systems: Balancing Case Selection, Education, and Cost
複数ロボット機種時代における症例・教育・コストから考える使い分け
Sachiko Nagao (Sapporo Medical University, Japan)
長尾沙智子 (札幌医科大学産婦人科)

Workshop 2 Troubleshooting in Robot-Assisted Surgery**ロボット支援手術におけるトラブルシューティング**

Chair Daisuke Ichikawa (First Department of Surgery, University of Yamanashi)

市川 大輔 (山梨大学第一外科)

Masato Kanzaki (Department of Thoracic Surgery, Tokyo Women's Medical University)

神崎 正人 (東京女子医科大学病院呼吸器外科)

WS2-1 Characteristics and management of intraoperative injuries during RATS lung resection

RATS 肺切除における術中損傷の特徴とトラブルシューティング

Kazutoshi Hamanaka (Division of General Thoracic Surgery, Department of Surgery, Shinshu University, Japan)

濱中 一敏 (信州大学呼吸器外科学)

WS2-2 Analysis of Unique Troubles in Robot-Assisted Esophagectomy: Pitfalls of Tactile-Free Surgery

ロボット支援下食道切除術における特有トラブルの検討～触覚なき手術に潜むピットフォール～

Hiroataka Ishida (Department of Surgery, Tohoku University Graduate School of Medicine, Japan)

石田 裕嵩 (東北大学大学院医学系研究科消化器外科学分野)

WS2-3 Our experience with Mechanical Troubles in Robot-Assisted Surgery

ロボット支援下手術で経験した機械トラブルについて

Takuya Noda (Center for Gynecologic Endoscopic Surgery, Department of Gynecology, Osaka City General Hospital, Japan / Department of Gynecology, Osaka City General Hospital, Japan)

野田 拓也 (大阪市立総合医療センター婦人科内視鏡手術センター / 大阪市立総合医療センター婦人科)

WS2-4 Troubleshooting Intraoperative Complications in Robotic-Assisted Surgery: Practical Management Strategies and Decision Making for Conversion to Open Surgery

術中合併症への実践的対応と開腹移行の判断基準：経験に基づくトラブルシューティングと予防策

Takaaki Fujimoto (Department of Surgery and Oncology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan)

藤本 崇聡 (九州大学大学院医学研究院臨床・腫瘍外科(第一外科))

WS2-5 Intraoperative troubles and troubleshooting in robotic upper gastrointestinal surgery

ロボット支援下上部消化管手術における術中トラブルとその対応

Hisahiro Hosogi (Department of Surgery, Japanese Red Cross Osaka Hospital, Japan)

細木 久裕 (大阪赤十字病院消化器外科)

WS2-6 Dissecting Hugo: Troubleshooting from 100 Colorectal Cancer Surgery Cases
Hugo を解剖する：大腸癌手術 100 例の経験から学ぶトラブルシューティング
Yu Yoshida (Department of Surgery, Graduate School of Medicine, Kyoto University,
Japan)
吉田 祐 (京都大学医学部附属病院消化管外科)

WS2-7 Troubleshooting in Robot-Assisted Colorectal Cancer Surgery
ロボット支援大腸癌手術におけるトラブルシューティング
Tomohiro Yamaguchi (Department of Colorectal Surgery, Cancer Institute Hospital of
Japanese Foundation for Cancer Research, Japan)
山口 智弘 (がん研究会有明病院大腸外科直腸がん集学的治療センター)

September 2 (Wed) Room 5 (Conference Center 5F 511+512) 14:40~16:10

Workshop 3 The Potential Role of Robot-Assisted Surgery in Renal Transplantation

腎移植手術におけるロボット支援手術の可能性

Chair Ryoichi Imamura (Department of Urology, Nagasaki University
Graduate School of Biomedical Sciences)

今村 亮一 (長崎大学大学院医歯薬学総合研究科泌尿器科学分野)

Motoo Araki (Department of Urology, Okayama University Graduate
School of Medicine, Dentistry and Pharmaceutical
Sciences)

荒木 元朗 (岡山大学腎泌尿器科)

WS3-1 Current Status and Future Prospects of Robot-assisted Kidney Transplantation in Japan

本邦におけるロボット支援下腎移植術の現状と将来展望

Kazunari Tanabe (Kidney Transplant/Robotic Surgery Center, Shonan Kamakura
General Hospital, Japan)

田邊 一成 (湘南鎌倉総合病院腎移植ロボット手術センター)

WS3-2 Robot assisted kidney transplantation

本邦におけるロボット腎移植の展望

Shingo Nishimura (Department of Urology, Okayama University Graduate School of
Medicine, Dentistry and Pharmaceutical Sciences, Japan)

西村 慎吾 (岡山大学病院腎泌尿器科)

WS3-3 Robotic kidney transplantation in Korea: current status and future directions

Sangil Min (Department of Surgery, Seoul National University College of Medicine,
Seoul, Korea)

WS3-4 The FY2026 Medical Fee Schedule Revision and Robot-Assisted Surgery under Japan's Public Health Insurance System

令和 8 年度診療報酬改定と保険診療におけるロボット支援下内視鏡手術について

Ryuichiro Sano (Medical Economics Division, Health Insurance Bureau, Ministry of
Health, Labour and Welfare, Government of Japan)

佐野隆一郎 (厚生労働省保険局医療課)

Workshop 4 Globalization Strategies for Endoscopic Surgeons

内視鏡外科医のグローバル化戦略

Chair Davide Lomanto (Minimally Invasive Surgical Centre, Department of Surgery, NUHS and National University of Singapore)

Kazunori Kasama (Weight loss and metabolic surgery center, Yotsuya Medical Cube)

笠間 和典 (四谷メディカルキューブ減量・糖尿病外科センター)

Commentator Noriyuki Inaki (Department of Gastrointestinal Surgery / Breast Surgery, Kanazawa University)

稲木 紀幸 (金沢大学医薬保健研究域医学系消化管外科学 / 乳腺外科学)

WS4-1 Hope and Reality Within a Single Nation: Reflections from the ELSA Outreach Program and Beyond

東南アジアにおける希望と現実：ELSA Outreach Fellowship と自身の外科経験からの示唆

Yusuke Kitagawa (Department of Colorectal Surgery, Kansai Medical University Medical Center, Japan)

北川 祐資 (関西医科大学総合医療センター下部消化器外科)

WS4-2 Advancing Japanese Surgeons Globally: Insights from International Training Initiatives

日本の外科医の国際的発展：国際研修イニシアチブからの洞察

Manabu Okawada (Sunrise Japan Hospital Phnom Penh, Cambodia)

岡和田 学 (Sunrise Japan Hospital 消化器外科小児外科)

WS4-3 A global strategy for expanding Japanese expertise in minimally invasive surgery for gastric cancer across East and South Asia

胃癌低侵襲手術の未来を切り拓く国際連携

— アジアにおけるグローバル外科医の役割 —

Tsuyoshi Etoh (Department of Gastroenterological and Pediatric Surgery, Oita University, Japan)

衛藤 剛 (大分大学消化器・小児外科)

WS4-4 Insights from an Overseas Clinical Experience in Australia: Colorectal Surgery

大腸外科における海外臨床経験からの考察

Shiki Fujino (Gastroenterological Surgery, Department of Surgery, Itami City Hospital, Japan)

藤野 志季 (市立伊丹病院)

WS4-5 Strategic Globalization of Endoscopic Surgeons: Respect and Mutual Growth

ヨーロッパでの臨床経験に基づく内視鏡外科医のグローバル化戦略

Tomoyuki Irino (Division of Gastric Surgery, Cancer Institute Hospital Ariake, Tokyo, Japan)

入野 誠之 (がん研有明病院消化器外科)

- WS4-6 **Global Engagement in Endoscopic Surgery: Education, Exchange, and Career Perspectives from Japan**
 内視鏡外科医の国際的関与 ―教育・臨床交流とキャリアの視点から―
 Kengo Hayashi (Department of Gastrointestinal Surgery, International Clinical Training Center, Kanazawa University, Japan)
 林 憲吾 (金沢大学附属病院消化管外科)
- WS4-7 **Encouraging the Acceptance of International Surgical Trainees: New Value in Surgical Education and Global Collaboration**
 外国人修練医受入れのすすめ～手術教育と国際交流の新たな価値～
 Yosuke Seki (Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube, Japan)
 関 洋介 (四谷メディカルキューブ減量・糖尿病外科センター)

September 3 (Thu) Room 4 (Conference Center 5F 503)

14:00～15:30

Workshop 5 The Frontier of Advanced Medicine Pioneered by Self-Pay Treatments: Pathways to Insurance Coverage

自費診療が切り拓く先進医療の地平線 - 保険収載への道筋

Chair Masafumi Nakamura (Shin-kuki General Hospital)
 中村 雅史 (新久喜総合病院)

Ichiro Takemasa (Department of Gastroenterological surgery, Osaka International Medical and Science Center)
 竹政伊知朗 (大阪国際メディカル & サイエンスセンター消化器外科)

- WS5-1 **From Self-Pay Practice to Insurance Coverage: The Pathway of Robotic Gastrectomy for Gastric Cancer in Japan**
 自費診療から保険収載へ：ロボット胃癌手術の道のり
 Ichiro Uyama (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University, Japan)
 宇山 一郎 (藤田医科大学医学部先端ロボット・内視鏡手術学講座)
- WS5-2 **From Self-Pay Innovation to Insurance Coverage: The Evolution of Bariatric and Metabolic Surgery**
 自費診療は“例外”ではなく“起点”である―減量外科の歴史と制度化への戦略
 Kazunori Kasama (Yotsuya Medical Cube, Japan)
 笠間 和典 (四谷メディカルキューブ)
- WS5-3 **Pathway to National Insurance Coverage of Robotic Transabdominal Preperitoneal Repair**
 ロボット支援鼠径部ヘルニア修復術の保険収載への道筋
 Fumitoshi Mizutani (Department of Surgery, Aichi Advanced Trauma Center ,Nagoya Ekisaikai Hospital, Japan)
 水谷 文俊 (名古屋掖済会病院外科愛知県重症外傷センター)

WS5-4 Safe Introduction and Pathway to Insurance Coverage in Minimally Invasive Pancreatic Surgery

低侵襲膵切除における安全な導入と保険収載への道筋

Yuichi Nagakawa (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)

永川 裕一 (東京医科大学消化器・小児外科学分野)

WS5-5 Surgical Techniques Destined for Future Textbooks

未来の教科書に載る外科医療を！

Go Wakabayashi (Department of Surgery, Ageo Central General Hospital, Japan)

若林 剛 (上尾中央総合病院外科)

September 3 (Thu) Room 5 (Conference Center 5F 511+512) 14:00~15:30

Workshop 6 Technical Refinements in Liver Parenchymal Transection for Robotic Liver Resection

ロボット肝切除における肝実質切離法の工夫

Chair Yuji Soejima (Department of Surgery, Shinshu University)

副島 雄二 (信州大学消化器・移植・小児外科)

Yutaro Kato (Department of Surgery, Fujita Health University Okazaki Medical Center)

加藤悠太郎 (藤田医科大学岡崎医療センター外科)

WS6-1 Clamp-crushing technique in robotic liver resection

ロボット肝切除におけるクランプクラッシュ法を用いた肝実質切離

Naoto Gotohda (Department of Hepatobiliary and Pancreatic Surgery, National Cancer Center Hospital East, Japan)

後藤田直人 (国立がん研究センター東病院肝胆膵外科)

WS6-2 The Optimal liver parenchymal transection in robotic liver resection, based on the principles of liver dissection.

肝離断の原則からロボット肝切除における肝実質切離の最適解を考える

Satoru Seo (Department of Surgery, Kochi Medical School, Kochi University, Japan)

瀬尾 智 (高知大学外科学講座)

WS6-3 Technical considerations for liver parenchymal transection using the clamp-crushing technique in robot-assisted liver resection

ロボット支援下肝切除における Clamp crushing technique による肝実質離断の工夫

Akira Shimizu (Division of Gastroenterological, Hepato-Biliary-Pancreatic, Transplantation and Pediatric Surgery Department of Surgery, Shinshu University School of Medicine, Japan)

清水 明 (信州大学医学部外科学教室消化器・移植・小児外科学分野)

WS6-4 Robotic liver parenchymal transection: “Scratch” and “Push-apart” technique using Maryland Forceps

ロボット肝切除においてメリーランド鉗子先端を閉じたまま行う離断手技“スクラッチ法”と“押し割り法”

Takashi Kaizu (Department of Surgery, Kitasato University Medical Center, Japan)

海津 貴史 (北里大学メディカルセンター)

- WS6-5** Surgical techniques for dissection along the hepatic vein and parenchymal transection in cirrhotic liver using robot-assisted liver resection
 ロボット支援下肝切除における新しい肝離断方法 -Trac&Pac-
 Yutaka Nakano (Department of Surgery, Keio University School of Medicine, Japan)
 中野 容 (慶應義塾大学医学部外科学)
- WS6-6** Evaluation of Techniques and Utility of Liver Parenchymal Transection Using Robotic Ultrasonic Shears (da Vinci System) in Robot-Assisted Hepatectomy
 ロボット支援肝切除の肝離断におけるダビンチ用超音波凝固切開装置を用いた肝離断の工夫と有用性の検討
 Daisuke Satoh (Department of Surgery, Hiroshima City Hiroshima Citizens Hospital, Japan)
 佐藤 太祐 (広島市立広島市民病院外科)
- WS6-7** Technical tips for surgical field exposure and hepatic parenchymal transection in robotic liver resection using a silicone band retraction method
 Silicone band retraction method を用いたロボット肝切除における術野展開と肝実質離断の工夫
 Hisamune Sakai (Department of Surgery, School of medicine, Kurume University, Japan)
 酒井 久宗 (久留米大学医学部外科学)
- WS6-8** Optimizing Liver Traction to Facilitate Safe and Effective Hepatic Parenchymal Transection
 効果的な肝離断を遂行するための肝臓のトラクションの工夫
 Sho Kiritani (Division of Hepatobiliary and Pancretic Surgery, Cancer Institute Hospital of JFCR, Japan)
 桐谷 翔 (がん研有明病院)
- WS6-9** Challenge of solo surgery in robotic liver resection: Utility of a 4-in-1 system using a flexible suction-coagulation device
 フレックスタイプ吸引凝固嘴管を用いた肝実質切離の工夫—Solo Surgery を目指した 4-in-1 システムの有用性
 Toru Kato (Department of Surgery, Division of Gastroenterological Surgery, Sapporo Medical University, Japan)
 加藤 透 (札幌医科大学外科学講座消化器外科学分野)
- WS6-10** Standardization of safe and reliable liver parenchymal transection - Crush clamp, Vas Guide®, and XR -
 安全確実な肝実質離断の定型化 - Crush clamp/Vas guide®/XR -
 Yu Saito (Department of Surgery, Tokushima University, Japan)
 齋藤 裕 (徳島大学病院消化器移植外科)
- WS6-11** Standardization of Parenchymal Transection in Robot-Assisted Liver Resection: Clamp Crushing and Two-Surgeon technique
 ロボット支援肝切除における肝実質切離の定型化：クラッシュ法と Two-surgeon technique
 Takeshi Urade (Department of Surgery, Division of Hepato-Biliary-Pancretic Surgery, Kobe University Graduate School of Medicine, Japan)
 浦出 剛史 (神戸大学大学院医学研究科外科学講座肝胆膵外科学分野)

WS6-12 Standardization of Robotic Liver Parenchymal Transection at Our Institution

当科でのロボット肝実質離断の定型化

Takeshi Takahara (Department of Surgery, Fujita Health University, Japan)

高原 武志 (藤田医科大学総合消化器外科)

September 3 (Thu) Room 6 (Conference Center 4F 411+412)

9:00~10:30

Workshop 7 Surgical Training for Young Thoracic Surgeons

若手呼吸器外科医の手術トレーニング

Chair Norihiko Ikeda (International University of Health and Welfare)

池田 徳彦 (国際医療福祉大学)

Hisashi Iwata (Department of General Thoracic Surgery, Gifu University Hospital)

岩田 尚 (岐阜大学医学部附属病院呼吸器外科)

WS7-1 Training in Open Thoracotomy Techniques for the VATS and RATS Generation: The Role of Cadaver Training

VATS・RATS世代における開胸下手術手技のトレーニング —カダバートレーニングの役割—

Masaru Hagiwara (Department of General Thoracic Surgery, Japan)

萩原 優 (東京医科大学呼吸器・甲状腺外科学分野)

WS7-2 A surgical training model using simulation and stepwise guidance for diverse procedures

シミュレーションと段階的実地指導による手術教育モデル：術式多様化への実践的対応

Takeo Nakada (Division of Thoracic Surgery, Department of Surgery, The Jikei University School of Medicine, Japan)

仲田 健男 (東京慈恵会医科大附属病院呼吸器外科)

WS7-3 Video-assisted Thoracic Surgery Training Using VR/AR and Standardized Training Manual

VR・AR技術とトレーニングマニュアルを活用した胸腔鏡手術教育

Yujin Kudo (Department of surgery, Tokyo Medical University, Japan)

工藤 勇人 (東京医科大学呼吸器甲状腺外科)

WS7-4 Stepwise Training and Skill Acquisition of Young Surgeons in Uniportal Video-Assisted Thoracoscopic Lung Resection

当科での単孔式胸腔鏡下肺切除術の修練における段階的技術習得

Hiroataka Yuki (Department of Thoracic surgery, Kanazawa University, Japan)

結城 浩考 (金沢大学附属病院呼吸器外科)

WS7-5 RATS Pulmonary Resection Training Using a Novel Concept Feature-Enhanced Artificial Organ

新コンセプトの模擬臓器で行う RATS 肺切除トレーニング

Ryuichi Waseda (Department of General Thoracic and Breast Surgery, Japan)

早稲田龍一 (福岡大学筑紫病院呼吸器・乳腺外科)

- WS7-6 Development of a Stepwise Educational Framework for Robotic-Assisted Thoracic Surgery Based on Standardized Techniques
定型化手技を基盤とした RATS 段階的教育モデル
Hiroyasu Komuro (Department of General Thoracic Surgery, School of Medicine, Gifu University, Japan)
小室 裕康 (岐阜大学医学部附属病院)
- WS7-7 Step-by-step training in robot-assisted lung resection
ロボット支援下肺切除の段階的トレーニング
Junji Ichinose (Department of Thoracic Surgery, School of Medicine, Kitasato University, Japan)
一瀬 淳二 (北里大学医学部呼吸器外科)
- WS7-8 Certificate Acquisition and Safety of Robotic-Assisted Thoracic Surgery Based on the Number of Anatomical Pulmonary Resections Performed by Early-Career Surgeons
若手外科医の解剖学的肺切除経験数に基づくロボット支援下手術の Certificate 取得と安全性に関する検討
Hiroki Watanabe (Department of Thoracic Surgery, Nagoya University Graduate School of Medicine, Japan)
渡邊 裕樹 (名古屋大学医学部附属病院呼吸器外科)
- WS7-9 Training Young Thoracic Surgeons in a Multimodal Era -Visualizing Case Experience and Redesigning Education-
多様な術式時代の若手呼吸器外科医トレーニング ～症例経験の可視化と教育体制の再構築～
Yasushi Shintani (Department of General Thoracic Surgery, The University of Osaka, Japan)
新谷 康 (大阪大学呼吸器外科)

September 3 (Thu) Room 13 (Conference Center 4F 419)

14:00~15:30

Workshop 8 Troubleshooting Intraoperative Complications 術中合併症に対するトラブルシューティング

- Chair Yosuke Fukunaga (Department of Colorectal Surgery, Kansai Medical University, Medical Center)
福長 洋介 (関西医科大学総合医療センター下部消化管外科)
- Hideki Ueno (Department of Surgery, National Defense Medical College)
上野 秀樹 (防衛医科大学校外科学講座)

- WS8-1 Intraoperative Complications in Minimally Invasive Colorectal Surgery: Management and Prevention
大腸癌低侵襲手術における術中合併症への対処と予防戦略
Junichiro Hiro (Division of Surgery, Matsusaka City Hospital, Japan)
廣 純一郎 (済生会松阪市民病院外科)

- WS8-2 Intraoperative Troubleshooting in Robotic Colorectal Surgery: Techniques for Hemostasis and Prevention of Organ Injury**
 ロボット大腸癌手術における術中トラブルシューティングの実際：出血制御と臓器損傷予防
 Daisuke Nakano (Department of Colorectal Surgery, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan)
 中野 大輔 (がん・感染症センター都立駒込病院大腸外科)
- WS8-3 Intraoperative troubleshooting in robotic-assisted colorectal surgery**
 ロボット支援直腸手術における術中トラブルシューティングの経験
 Masanori Yoshimitsu (Department of Surgery, Hiroshima Citizens Hospital, Japan)
 吉満 政義 (広島市立広島市民病院外科)
- WS8-4 Troubleshooting for Serosal Injury During DST Anastomosis**
 DST 吻合時の漿膜損傷に対するトラブルシューティング
 Yuta Koganei (Dept of gastroenterological surgery, Yokohama City Univ, Japan)
 小金井雄太 (横浜市立大学消化器・腫瘍外科学)
- WS8-5 Analysis of Bleeding Cases and Troubleshooting in Robot-Assisted Colorectal Cancer Surgery**
 ロボット支援大腸癌手術での出血症例の実際とトラブルシューティング
 Ayumi Takaoka (Digestive of Tract and General Surgery, Saitama Medical Center, Saitama Medical University, Japan)
 高岡 亜弓 (埼玉医科大学総合医療センター消化管・一般外科)
- WS8-6 Intraoperative Bleeding in Minimally Invasive Surgery: Practical Insights and Troubleshooting**
 低侵襲手術における術中出血の実際とそのトラブルシューティング
 Masahiro Maeda (Department of Gastrointestinal Surgery, Kyoto University Hospital, Japan)
 前田 将宏 (京都大学医学部附属病院消化管外科)
- WS8-7 The Importance of a Stepwise Hemostasis Strategy and Assistant Coordination for Vascular Injury During Robot-Assisted Colorectal Surgery**
 ロボット支援下大腸手術中の血管損傷に対する段階的止血戦略と助手連携の重要性
 Yuma Takamura (Colon and Rectal Surgery, Department of Surgery, Nagasaki University, Japan)
 高村 祐磨 (長崎大学外科学講座大腸・肛門外科)
- WS8-8 Troubleshooting in the Introduction of Robot-Assisted Laparoscopic Surgery for Colorectal Cancer**
 大腸癌におけるロボット支援腹腔鏡下手術導入早期のトラブルシューティング
 Yasuhiro Yuasa (Department of Surgery, Tokushima Red Cross Hospital, Japan)
 湯浅 康弘 (徳島赤十字病院)
- WS8-9 Intraoperative Troubleshooting in Robot-Assisted Surgery for Rectal Cancer**
 直腸癌に対するロボット支援手術におけるトラブルシューティング
 Kazuhito Sasaki (Department of Surgical Oncology, The University of Tokyo, Japan)
 佐々木和人 (東京大学腫瘍外科)

Workshop 9 Practical Techniques in Minimally Invasive Extended Pelvic Surgery

低侵襲骨盤内拡大手術の実際

Chair Masataka Ikeda (Div of Lower GI, Dept of Gastroenterological Surgery, Hyogo Medical University)

池田 正孝 (兵庫医科大学消化器外科学講座下部消化管外科)

Yusuke Kinugasa (Department of Gastrointestinal Surgery, Institute of Science Tokyo)

絹笠 祐介 (東京科学大学消化管外科学分野)

WS9-1 Optimizing Minimally Invasive Pelvic Reconstruction After MIS Exenteration

Songphol Malakorn (Center of Excellence in Colorectal Disease, Colorectal Division, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand)

WS9-2 Minimally Invasive Approaches in Extended Pelvic Surgery: Patient Selection and Oncological Considerations

骨盤内拡大手術における MIS の意義と限界—適応の再考—

Kay Uehara (Department of Gastroenterological Surgery, Nippon Medical School, Japan)

上原 圭 (日本医科大学消化器外科)

WS9-3 Benefit of Transanal/Transperineal Endoscopic Surgery for Locally Recurrent Rectal Cancer

直腸癌局所再発に対する Trans-anal/Trans-perineal endoscopic surgery の有用性

Yuichiro Tsukada (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)

塚田祐一郎 (国立がん研究センター東病院大腸外科)

WS9-4 Short-term Outcomes of Endoscopic “Bottom-Up” Approach in Laparoscopic Pelvic Exenteration

局所進行・再発骨盤悪性腫瘍に対する “Bottom-Up” アプローチ併用腹腔鏡下骨盤内臓全摘の短期成績

Atsushi Ogura (Department of Surgery, Nagoya University Hospital, Nagoya, Japan)

小倉 淳司 (名古屋大学医学部附属病院消化器・腫瘍外科)

WS9-5 Minimally Invasive vs Open Multivisceral Resection for Rectal Cancer: IPTW Adjusted Outcomes

他臓器合併切除を伴う直腸癌手術における低侵襲手術と開腹手術の比較：IPTW 解析による検討

Yudai Kumamoto (National Cancer Center Hospital, Japan)

隈本 雄大 (国立がん研究センター中央病院大腸外科)

WS9-6 Surgical Outcomes of 80 Patients Undergoing Laparoscopic Pelvic Exenteration 腹腔鏡下骨盤内臓全摘術 80 例の治療成績

Marina Jimba (Division of Colorectal Surgery, Department of Gastrointestinal Surgery, Cancer Institute Hospital of JFCR, Japan)

神馬真里奈 (がん研究会有明病院大腸外科)

- WS9-7 Minimally Invasive Approaches for High-Complexity Pelvic Exenteration**
High-Complexity Pelvic Exenteration に対する低侵襲手術
 Kei Kimura (Division of Lower GI, Department of Gastroenterological Surgery, Hyogo Medical University, Japan)
 木村 慶 (兵庫医科大学下部消化管外科)
- WS9-8 R0 Resection Strategy in Minimally Invasive Total Pelvic Exenteration for Rectal Cancer: Use of Ta/TpTME and Fluorescent Ureteral Catheters**
直腸癌局所再発に対する低侵襲骨盤内臓全摘における R0 切除戦略：Ta/TpTME と蛍光尿管カテーテル併用の工夫
 Mitsunobu Takeda (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)
 竹田 充伸 (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)
- WS9-9 Robotic Pelvic Exenteration for Locally Advanced Pelvic Cancer -Indication and Surgical Technique-**
他臓器浸潤を伴う骨盤内局所進行癌に対するロボット支援下骨盤内臓全摘術の適応と手術手技
 Takahisa Hirokawa (Kariya Toyota General Hosoi, Department of Gastroenterological Surgery, Japan)
 廣川 高久 (刈谷豊田総合病院消化器外科学)

September 3 (Thu) Room 15 (Conference Center 3F 302)

14:00~15:30

Workshop 10 Minimally Invasive Surgery for Ovarian Cancer: Potential and Future Perspectives
卵巣がんに対する低侵襲手術：その可能性と今後の展開

- Chair** Masaki Mandai (Department of Gynecology and Obstetrics, Graduate School of Medicine, Kyoto University)
 万代 昌紀 (京都大学大学院医学研究科婦人科学産科学分野)
 Yasuhisa Terao (Department of Obstetrics and Gynecology, Juntendo University)
 寺尾 泰久 (順天堂大学産婦人科)

- WS10-1 Experience with the Introduction of Advanced Medical Treatment “Laparoscopic Surgery for Ovarian, Fallopian Tube, and Peritoneal Cancer” and Future Prospects**
先進医療「腹腔鏡下卵巣癌・卵管癌・腹膜癌根治術」の導入経験と今後の展望
 Masakazu Nishida (Department of Obstetrics and Gynecology, Faculty of Medicine, Oita University, Japan)
 西田 正和 (大分大学医学部産科婦人科)
- WS10-2 Perioperative Outcomes and Mid-Term Prognosis of 22 Patients Undergoing Laparoscopic Radical Surgery for Ovarian Cancer at Our Institution**
当院における腹腔鏡下卵巣癌根治術を行った 22 例の周術期成績及び中期予後
 Kazuki Kitayama (Department of Obstetrics and Gynecology, Graduate School of Medicine, The University of Osaka, Japan)
 北山 和樹 (大阪大学大学院医学系研究科産科学婦人科学教室)

- WS10-3 Laparoscopic Surgery in Ovarian Cancer: Defining Its Indications and Limits**
 卵巣がんにおける腹腔鏡下手術～その適応の境界線を探る～
 Toshiyuki Kanno (Division of Gynecology, Department of Obstetrics & Gynecology, Tokyo Women's Medical University, Japan)
 菅野 俊幸 (東京女子医科大学産婦人科学講座)
- WS10-4 Current Status and Prospects of Minimally Invasive Surgery for Ovarian Tumors in our hospital**
 当院における卵巣腫瘍に対する低侵襲手術の現状と展望
 Yuichiro Miyamoto (Division of Gynecology, Saitama Prefectural Cancer Center, Saitama, Japan)
 宮本雄一郎 (埼玉県立がんセンター婦人科)
- WS10-5 Membrane-based anatomical refinement for left b1 dissection in Lap-PAND**
 Lap-PAND における左 b1 郭清の膜解剖学的工夫 ～腎筋膜前葉を基軸とした安全・高精度郭清の実践～
 Yasuhito Tanase (Department of gynecology, Hyogo Cancer Center, Japan)
 棚瀬 康仁 (兵庫県立がんセンター婦人科)
- WS10-6 Photodynamic Diagnosis for Detecting Viable Tumors in Advanced Ovarian Cancer IDS**
 進行卵巣癌の術前化学療法後腫瘍減量術における光力学診断法の残存生存病変同定への有用性の検討
 Yusuke Matoba (Department of Obstetrics and Gynecology, Graduate School of Biomedical and Health Sciences, Hiroshima University, Japan)
 的場 優介 (広島大学大学院医系科学研究科産科婦人科学)

September 4 (Fri) Room 1 (Conference Center 1F Main Hall) 8:00~9:30

Workshop 11 Prevention of Venous Thromboembolism in the Era of Minimally Invasive Surgery

低侵襲時代の静脈血栓塞栓症予防

Chair Hiroaki Kobayashi (Robotic Surgery Center, Munakata Suikokai General Hospital)

小林 裕明 (宗像水光会総合病院ロボット手術センター)

Taishi Hata (Department of Gastroenterological Surgery, Osaka General Medical Center / Department of Next Generation Endoscopic Intervention, The University of Osaka Graduate School of Medicine)

畑 泰司 (大阪急性期・総合医療センター消化器外科 / 大阪大学大学院医学系研究科次世代内視鏡治療学共同研究講座)

- WS11-1 Risk Factors for Portomesenteric Vein Thrombosis after Minimally Invasive Surgery for Ulcerative Colitis**
 潰瘍性大腸炎に対する腹腔鏡手術後門脈血栓症の実態

Yusuke Sato (Department of Surgery, Nagoya University Hospital, Japan)
 佐藤 雄介 (名古屋大学医学部附属病院消化器・腫瘍外科)

- WS11-2 A prospective study for short-term enoxaparin in preventing venous thromboembolism after gastric cancer surgery**
 胃癌術後の静脈血栓塞栓症予防に対するエノキサパリン短期投与の有効性と安全性を検証する前向き介入研究
 Shinji Kuroda (Department of Gastroenterological Surgery, Okayama University Graduate School, Japan)
 黒田 新士 (岡山大学消化器外科)
- WS11-3 Utility of D-dimer Measurement for Detecting Venous Thromboembolism After Pancreatoduodenectomy**
 D-dimer 測定による膵頭十二指腸切除後の静脈血栓症予防
 Yui Sawa (Division of Hepato-Biliary-Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Japan)
 澤 優維 (がん研究会有明病院)
- WS11-4 Prevention and Management of VTE in Urologic Robotic Surgery**
 泌尿器科ロボット支援手術における静脈血栓塞栓症の予防と管理
 Satoshi Kobayashi (Department of Urology, School of Medicine, Kyushu University, Japan)
 小林 聡 (九州大学医学部泌尿器科)
- WS11-5 Postoperative venous thromboembolism and pulmonary embolism after minimally invasive surgery for gynecological malignancies**
 婦人科悪性腫瘍に対する低侵襲手術後の静脈血栓塞栓症と肺塞栓症
 Michiko Kaneda (Department of Obstetrics and Gynecology, Mie University School of Medicine, Japan)
 金田 倫子 (三重大学医学部附属病院)

September 4 (Fri) Room 2 (Conference Center 5F 501)

8:00~9:30

Workshop 12 Strategies for Preventing and Managing Anastomotic Leakage After Rectal Resection 直腸切除術後の縫合不全対策とその治療

Chair Takanori Goi (First department of Surgery, University of Fukui)
 五井 孝憲 (福井大学第一外科)

Ken Eto (Department of surgery, The Jikei University School of Medicine)

衛藤 謙 (東京慈恵会医科大学外科学講座)

- WS12-1 Quantitative Anastomotic Perfusion Assessment With SPY-QP to Prevent Anastomotic Leakage After Rectal Cancer Surgery: The SPECTACLE Trial**
 SPY-QP による吻合部の血流定量評価を用いた直腸癌術後の縫合不全予防効果の検証 : SPECTACLE 試験

Atsushi Hamabe (Department of Gastroenterological Surgery Graduate School of Medicine, The University of Osaka, Japan)

浜部 敦史 (大阪大学大学院医学系研究科消化器外科学)

- WS12-2 The utility of abdominal aortic calcification and tissue oxygen saturation in assessing intestinal blood flow**
腹部大動脈石灰化と組織酸素飽和度による腸管血流の評価と縫合不全予防の取り組み
 Sho Ishikawa (Department of Gastroenterological and Transplant Surgery, Graduate School of Biomedical and Health Sciences, Hiroshima University, Hiroshima, Japan)
 石川 聖 (広島大学大学院医系科学研究科消化器・移植外科学)
- WS12-3 Efficacy of a transanal drainage tube for preventing anastomotic leakage after minimally invasive rectal surgery: A post hoc analysis of a randomized controlled trial (EssentiAL trial)**
低侵襲直腸手術後の縫合不全予防における経肛門ドレナージチューブの有効性：EssentiAL study の事後解析
 Hideki Nagano (Department of Gastroenterological Surgery, Fukuoka University Hospital, Japan / Department of Colorectal Surgery, Kansai Medical University, Japan)
 長野 秀紀 (福岡大学病院消化器外科 / 関西医科大学付属病院下部消化管外科)
- WS12-4 Single-Stapling Technique Anastomosis in TaTME Reduces Anastomotic Leakage after Rectal Cancer Surgery**
TaTME における Single Stapling Technique 吻合は直腸癌手術後の縫合不全を低減する
 Naruhiko Tokuhashi (Division of Colorectal Surgery, National Cancer Center Hospital East, Japan)
 徳橋 愛彦 (国立がん研究センター東病院)
- WS12-5 Measures and treatments for anastomotic leakage after rectal resection**
直腸切除術後の縫合不全対策とその治療
 Masanori Kotake (Koseiren Takaoka Hospital, Department Surgery, Japan)
 小竹 優範 (厚生連高岡病院外科)
- WS12-6 Effectiveness of the Bundle Strategy to Prevent Anastomotic Leakage After Surgery for Lower Rectal Cancer**
下部直腸癌手術後の縫合不全対策における取り組みと有用性について
 Yume Minagawa (Saitama Medical University International Medical Center, Japan)
 皆川 結明 (埼玉医科大学国際医療センター下部消化管外科)
- WS12-7 Impact of a Comprehensive Perioperative Protocol on Anastomotic Leakage after Rectal Tumor Surgery**
包括的な直腸癌縫合不全対策の効果 ～ Total Anastomotic Care ～
 Masakatsu Numata (Department of Surgery, Gastroenterological Center, Yokohama City University Medical Center, Japan)
 沼田 正勝 (横浜市立大学附属市民総合医療センター消化器病センター外科)

Workshop 13 Tips for Laparoscopic Retromuscular Repair in Abdominal Wall Incisional Hernia

腹壁癒痕ヘルニアに対する Laparoscopic retromuscular repair 術式の工夫

Chair Jose Macario Velasco Faylona (Department of Surgery, UP College of Medicine, University of the Philippines Manila, Philippines)

Nozomi Ueno (Hernia Center, Saiseikai Suita Hospital)

植野 望 (大阪府済生会吹田病院ヘルニアセンター)

WS13-1 Cost-effective laparoscopic ventral hernia repair using primary closure and hybrid mesh fixation

Srishti Bhatt (Department of General Surgery, Maharani Laxmi Bai Medical College, Jhansi, Uttar Pradesh, India)

WS13-2 Laparoscopic extraperitoneal repair with upfront coring out of hernia defect for ventral incisional hernia

腹壁癒痕ヘルニアに対するヘルニア門環状切開先行腹腔鏡下腹膜外修復法の治療成績と課題

Hiroki Toma (Harasanshin hospital, Japan)

当間 宏樹 (医療法人原三信病院外科)

WS13-3 Technical Refinements and Pitfalls of Laparoscopic Incisional Hernia Repair Using eTEP as Abdominal Wall Reconstruction

腹壁再建術としての eTEP を用いた腹腔鏡下腹壁癒痕ヘルニア手術の工夫とピットフォール

Kiyotaka Imamura (Abdominal Hernia Center, Yotsuya Medical Cube, Japan)

今村 清隆 (四谷メディカルキューブ腹部ヘルニア総合センター)

WS13-4 Laparoscopic retro-muscular repair for ventral hernia via suprapubic approach

腹壁癒痕ヘルニアに対する恥骨上アプローチ筋層背側修復術の検討

Hiroshi Hirukawa (Department of Surgery, Tachikawa General Hospital, Japan)

蛭川 浩史 (立川総合病院外科)

WS13-5 Predictive factors for TAR in eTEP repair of midline ventral and incisional hernias

eTEP access 正中腹壁ヘルニア修復術における腹横筋リリースの必要性の予測因子

Katsuhito Suwa (Department of Surgery, The Jikei University West Medical Center, Japan)

諏訪 勝仁 (東京慈恵会医科大学西部医療センター外科)

WS13-6 Eliminating the “Inflation Artifact”: Strategies for Optimizing TAR Indications in eTEP

“Inflation Artifact” を排除する：eTEP における TAR 適応最適化のための工夫

Taketo Matsubara (Department of Gastroenterological Surgery, St Luke's International Hospital, Japan/Hernia center, St Luke's International Hospital, Japan)

松原 猛人 (聖路加国際病院消化器・一般外科/聖路加国際病院ヘルニアセンター)

WS13-7 Surgical Outcomes of Laparoscopy-Assisted Retromuscular Mesh Repair Using a Single-Incision Approach Directly Over the Hernia Sac (SILS)
ヘルニア嚢直上小切開 (SILS) を併用した腹腔鏡補助下 Retromuscular Mesh Repair の治療成績

Shutaro Hori (Department of Surgery, School of Medicine, Keio University, Japan)
堀 周太郎 (慶應義塾大学医学部外科学教室)

WS13-8 Treatment outcomes of retro-rectus repair (E/MILOS) incorporating preoperative and postoperative physical therapy
術前術後理学療法を取り入れた retro-rectus repair (E/MILOS) の治療成績

Nozomi Ueno (Hernia Center, Saiseikai Suita Hospital, Japan)
植野 望 (大阪府済生会吹田病院ヘルニアセンター)

September 4 (Fri) Room 5 (Conference Center 5F 511+512) 8:00~9:30

Workshop 14 My Rule in Endoscopic Surgery: Message from Young Surgeons

若手医師限定の私の内視鏡外科手術のこだわり

Chair Tetsuya Ishimaru (Pediatric Surgery, National Center for Child Health and Development)

石丸 哲也 (国立成育医療研究センター小児外科系専門診療部外科)

Kyoko Mochizuki (Department of surgery, Kanagawa Children's Medical Center)

望月 響子 (神奈川県立こども医療センター外科)

WS14-1 Aiming for the Ideal Ligation That Is Easy to Tighten and Resistant to Loosening: Usefulness of the Combination Knot

締め込みやすく緩みにくい理想の結紮を目指して～ Combination knot の有用性～

Shoichi Tsuzaka (Department of Pediatric Surgery, Saitama Children's Medical Center, Japan / Department of Gastroenterological Surgery I, Hokkaido University Graduate School of Medicine, Hokkaido, Japan)

津坂 翔一 (埼玉県立小児医療センター小児外科 / 北海道大学大学院医学研究院消化器外科教室 I)

WS14-2 Commitment to Energy Device Handling in Pediatric Endoscopic Surgery -Insights from Experience in Adult Endoscopic Surgery-

小児内視鏡外科におけるエネルギーデバイス操作へのこだわり

— 成人内視鏡外科の経験を踏まえて —

Motoki Ebihara (Department of Pediatric Surgery, Saitama Children's Medical Center, Saitama, Japan)

海老原統基 (埼玉県立小児医療センター小児外科)

WS14-3 Progression from Basic to Advanced Laparoscopic Surgery
Basic 手術から advanced 手術へ

Satoshi Tanaka (Department of surgery, Kanagawa Children's Medical Center, Japan)
田中 聡志 (神奈川県立こども医療センター外科)

- WS14-4 **Bringing MIS to the Children of Okinawa: An Approach to Updating Laparoscopic Procedures in a Regional Hospital**
 沖縄の子どもたちに都市部と遜色ない低侵襲手術を - 地方病院の鏡視下手術アップデートのためのアプローチ -
 Yukihiro Tsuzuki (Department of Pediatric Surgery, Okinawa Nanbu Medical Center & Children's Medical Center, Japan)
 都築 行広 (沖縄県立南部医療センター・こども医療センター)
- WS14-5 **Endoscopic Surgery Education for New Teaching Assistants: The Importance of Learning Perspectives in the Field**
 指導助手入門者のための内視鏡手術教育—現場で学ぶ視点の重要性—
 Satoshi Makita (Department of Pediatric Surgery, Nagoya University Graduate School of Medicine, Nagoya, Japan)
 牧田 智 (名古屋大学大学院医学系研究科小児外科学)
- WS14-6 **Surgical Education and Global Surgery: Promoting the Safe Dissemination of Pediatric Endoscopic Surgery**
 外科教育と Global Surgery - 小児内視鏡外科手術の安全な普及のために
 Masakazu Murakami (Department of Pediatric Surgery, Hokkaido Medical Center for Child Health and Rehabilitation, Japan / Department of Pediatric Surgery, Kagoshima University, Japan)
 村上 雅一 (北海道立子ども総合医療・療育センター小児外科 / 鹿児島大学学術研究院医歯学域医学系小児外科学分野)
- WS14-7 **Surgical training methods for young surgeons: Surgical apprenticeships in the digital age**
 若手の先生にお勧めする手術のトレーニング方法 ～デジタル時代における外科の徒弟制度～
 Shinya Takazawa (Department of Pediatric Surgery, The University of Tokyo Hospital, Japan)
 高澤 慎也 (東京大学医学部附属病院小児外科)

September 4 (Fri) Room 5 (Conference Center 5F 511+512) 9:40~11:10

Workshop 15 Knacks and Pitfalls of Endoscopic Surgery for Common Pediatric Diseases

小児の日常疾患に対する内視鏡外科手術の knack and pitfalls

Chair Toshihiko Watanabe (Department of Pediatric Surgery, Tokai University School of Medicine)
 渡辺 稔彦 (東海大学医学部小児外科学)

Hiroaki Fukuzawa (Department of Pediatric surgery, Medical Research Institute Kitano Hospital)
 福澤 宏明 (医学研究所北野病院小児外科)

- WS15-1 **Our Institutional Outcomes in Intra-Abdominal Testes and Orchiopexy Technique**
 当院における腹腔内精巣の臨床成績と腹腔鏡下精巣固定術の工夫
 Masafumi Iguchi (Department of Pediatric Surgery, Kyoto Prefectural University of Medicine, Japan)
 井口 雅史 (京都府立医科大学附属病院小児外科)

- WS15-2 Best Practice of Pediatric Laparoscopic Appendectomy Based on 373 Cases Performed by Residents and Surgical Residents**
外科研修医執刀 373 例からみた小児腹腔鏡下虫垂切除術の Best Practice：経験に依存しない Two-site 法の有用性
 Toshio Harumatsu (Department of Pediatric Surgery, Research Field in Medicine and Health Sciences, Medical and Dental Sciences Area, Research and Education Assembly, Kagoshima University, Kagoshima, Japan／Department of Pediatric Surgery, Kagoshima City Hospital, Kagoshima, Japan)
 春松 敏夫 (鹿児島大学学術研究院医歯学域医学系小児外科学分野／鹿児島市立病院小児外科)
- WS15-3 Points of Appendectomy**
虫垂切除術の注意点
 Junko Fujino (Department of Surgery, School of Medicine, Iwate Medical University, Japan／Pediatric Surgical Center, Saitama Medical Center, Dokkyo Medical University, Japan)
 藤野 順子 (岩手医科大学医学部外科学講座／獨協医科大学埼玉医療センター小児疾患外科治療センター)
- WS15-4 Timing of LPEC procedure for inguinal hernia in very-low-birth-weight infants**
極・超低出生体重児の鼠径ヘルニア患者に対する待機的 LPEC の妥当性の検討
 Hiromu Miyake (Department of Pediatric Surgery, Shizuoka Children's Hospital, Japan)
 三宅 啓 (静岡県立こども病院小児外科)
- WS15-5 Fast and safe umbilical entry in pediatric LPEC: a retractor-assisted entry technique**
小児 LPEC の臍ポート挿入を速く安全に：扁平筋鉤による鈍的腹膜到達
 Taku Yamamichi (Department of Pediatric Surgery, NHO Fukuyama Medical Center, Japan)
 山道 拓 (福山医療センター小児外科)
- WS15-6 Rare Inguinal Hernias in Children: Our Experience with Laparoscopic Repair for Femoral Hernia**
当院における稀な鼠径部ヘルニアの検討—大腿ヘルニアに対する腹腔鏡下根治術の経験—
 Takafumi Kondo (Department of Surgery, Kanagawa Children's Medical Center, Japan)
 近藤 享史 (神奈川県立こども医療センター)
- WS15-7 Surgical technique and outcomes of laparoscopic repair for pediatric hydrocele at our institution**
当院における小児腹腔鏡下陰嚢水腫根治術の術式と手術成績
 Atsuro Takimoto (Department of Pediatric Surgery, Kyoto Prefectural University of Medicine, Japan)
 瀧本 篤朗 (京都府立医科大学)
- WS15-8 An Analysis of Recurrent Cases Following Laparoscopic Percutaneous Extraperitoneal Closure (LPEC) at a Single Institution**
当院における LPEC 術後再発症例についての検討
 Yumi Mizoue (Department of Pediatric Surgery, Medical Research Institute KITANO HOSPITAL, Japan)
 溝上 優美 (医学研究所北野病院小児外科)

- WS15-9 Knack and pitfalls of LPEC method for pediatric inguinal hernia**
 小児鼠径ヘルニアに対する LPEC 法の knack and pitfalls
 Hiroki Ishibashi (Department of Pediatric Surgery, Tokushima University Hospital, Japan)
 石橋 広樹 (徳島大学病院小児外科・小児内視鏡外科)
- WS15-10 Knack and pitfalls in the treatment strategy for pediatric de novo type lateral inguinal hernia**
 小児の de novo type 外鼠径ヘルニアの治療戦略における knack and pitfalls
 Hiroo Takehara (Department of Surgery, Division of Atago Hospital, Japan)
 髙原 裕夫 (医療法人新松田会愛宕病院分院・外科)

September 4 (Fri) Room 5 (Conference Center 5F 511+512) 16:20~17:50

Workshop 16 Team-Based Medical Care and Safety Management in Pediatric Endoscopic Surgery

小児内視鏡外科手術におけるチーム医療と安全管理

- Chair Osamu Segawa** (Department of Pediatric Surgery, Tokyo Women's Medical University)
 世川 修 (東京女子医科大学小児外科)
Yukako Abukawa (Department of Anesthesia, Tokyo Jikei Medical University Hospital)
 虻川有香子 (東京慈恵会医科大学附属病院麻酔科)

- WS16-1 Advanced pediatric endoscopic surgery developed through teamwork with physicians from other departments and other specialties**
 他科医師や他職種とのチームで築き上げる小児 Advanced 内視鏡外科手術
 Naoki Orimoto (Tokyo Medical University, Department of Gastrointestinal and Pediatric Surgery, Japan)
 織本 尚樹 (東京医科大学病院消化器・小児外科学分野)
- WS16-2 Analysis of Adverse Events in Pediatric Laparoscopic Surgery in Our Department and the Medical Safety Management Process Through Multidisciplinary Conferences**
 当科における小児鏡視下手術の有害事象解析と多職種カンファレンスによる医療安全管理プロセス
 Yoshinori Koga (Division of Pediatric Surgery, Department of Surgery, Kurume University School of Medicine, Kurume, Japan)
 古賀 義法 (久留米大学医学部外科学講座小児外科部門)
- WS16-3 Patient-safety checklist for surgery in our operating rooms: A review of incident reports in pediatric surgery**
 当院手術室での医療安全の取り組み：小児外科でのインシデント報告を振り返り
 Masahito Sato (Department of Pediatric Surgery, Medical Research Institute KITANO HOSPITAL, Japan)
 佐藤 正人 (医学研究所北野病院小児外科)

- WS16-4 Team-based approaches to medical safety during endoscopic surgery: What do anesthesiologists observe and how do they intervene?
小児内視鏡外科手術の医療安全を支えるチーム医療 ―麻酔科医は何を見て、どう介入するか―
Yukako Abukawa (Department of Anesthesia, Tokyo Jikei Medical University Hospital, Japan)
虻川有香子 (東京慈恵会医科大学附属病院麻酔科)
- WS16-5 Practical Approaches to Supporting Patient Safety in Pediatric Endoscopic Surgery -Initiatives and Challenges of Operating Room Nurses-
小児内視鏡外科の医療安全を支える現場での実践 ―手術室看護師の取り組みと課題―
Toshihide Shimura (Department of Nursing, Central Operating Room, Kanagawa Children's Medical Center, Japan)
志村 俊英 (神奈川県立こども医療センター中央手術室看護科)
- WS16-6 Safety Management in Pediatric Endoscopic Surgery from the Perspective of Operating Room Nurses: Current Status of Guideline Implementation and Future Challenges
手術室看護師の意識調査からみる小児内視鏡外科手術の安全管理 ―ガイドライン運用の現状と今後の課題―
Tomomi Shinohara (Operating Room, Nagano Children's Hospital, Nagano Prefectural Hospital Organization, Japan / Department of Pediatric Surgery, Nagano Children's Hospital, Nagano Prefectural Hospital Organization, Japan)
篠原 朋未 (長野県立病院機構長野県立こども病院手術室 / 長野県立病院機構長野県立こども病院小児外科)

September 4 (Fri) Room 13 (Conference Center 4F 419) 8:00~9:30

Workshop 17 Differences in Indications for Robotic Surgery and Thoracoscopic Surgery in Lung Cancer Surgery 肺癌手術におけるロボットと胸腔鏡の棲み分け

Chair Kenji Suzuki (General Thoracic Surgery, Juntendo University)
鈴木 健司 (順天堂大学大学院医学研究科呼吸器外科学講座)

Isao Matsumoto (Department of Thoracic Surgery, Kanazawa University)
松本 勲 (金沢大学呼吸器外科)

- WS17-1 Differentiation of RATS from VATS at a Robotic Training Institution
RATS 教育施設からみた VATS との棲み分け
Yugo Tanaka (Division of General Thoracic Surgery and Breast and Endocrine Surgery, Department of Surgery, Tottori University, Japan)
田中 雄悟 (鳥取大学医学部呼吸器・乳腺内分泌外科学分野)

- WS17-2 Eliminating Assistant Dependency: The Reality of Solo Surgery in Robot-Assisted Thoracic Surgery and Its Role Compared with Video-Assisted Thoracoscopic Surgery**
 助手依存からの脱却：ロボット支援下手術における solo-surgery の実際と胸腔鏡下手術との棲み分け
 Hisashi Iwata (Department of General Thoracic Surgery, Gifu University Hospital, Japan)
 岩田 尚 (岐阜大学医学部附属病院呼吸器外科)
- WS17-3 Thoracoscopic and Robot-Assisted Surgery for Lung Cancer at Our Institution: Evaluation of Surgical Techniques Based on Short-Term Outcomes**
 当院における肺癌に対する胸腔鏡下手術とロボット支援下手術：短期成績から手術手技を再考する
 Ryuji Nakamura (Department of Thoracic and Pediatric Surgery, Graduate School of Medical Sciences and Medical School, Nagoya City University, Nagoya, JAPAN)
 中村 龍二 (名古屋市立大学病院)
- WS17-4 Approach Selection Between RATS and VATS for Lung Cancer Segmentectomy: Selection Criteria and Perioperative Outcomes**
 肺癌区域切除における RATS と VATS の使い分け：選択基準と周術期成績
 Daisuke Nakamura (Division of General Thoracic Surgery, Department of Surgery, Shinshu University School of Medicine, Japan)
 中村 大輔 (信州大学医学部附属病院呼吸器外科)
- WS17-5 Strategic selection of uVATS and RATS for anatomical lung resection**
 解剖学的肺切除における uVATS と RATS の使い分け
 - 術者経験とコストからみた至適戦略 -
 Hitoshi Igai (Department of General Thoracic Surgery, Japanese Red Cross Maebashi Hospital, Japan)
 井貝 仁 (前橋赤十字病院呼吸器外科)

September 4 (Fri) Room 14 (Conference Center 3F 301) 8:00~9:30

Workshop 18 Minimally Invasive Surgery for Splenic Flexure Cancer

脾彎曲部癌に対する低侵襲手術

Chair Eiji Oki (Department of Advanced Medicine and Innovative Technology, Kyushu University)

沖 英次 (九州大学先端医工学診療部)

Koya Hida (Department of Surgery, Kyoto University)

肥田 侯矢 (京都大学消化管外科)

- WS18-1 Beyond Lymphadenectomy: IMV Skeletonization and Preservation in Laparoscopic Left Hemicolectomy**
 Songphol Malakorn (Center of Excellence in Colorectal Disease, Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand)

- WS18-2 Minimally Invasive Resection and Anastomosis for Splenic Flexure Colon Cancer**
William Tzu-Liang Chen (Department of Surgery, China Medical University Hsinchu Hospital, Taiwan)
- WS18-3 Minimally invasive surgery for left-sided transverse colon cancer**
左側横行結腸癌に対する低侵襲性手術
Masaaki Miyo (Department of Gastroenterological Surgery, Osaka International Cancer Institute, Japan)
三代 雅明 (大阪国際がんセンター消化器外科)
- WS18-4 Standardization of Robotic Splenic Flexure Surgery Guided by Mesocolic Continuity: Achieving Safe Mobilization via 3-D Surgical Space Creation**
結腸間膜の連続性を指標としたロボット脾彎曲部癌手術の定型化：安全な脾弯授動を実現する「立体的展開」
Ken Nagata (Department of Surgery, School of Medicine, Fukuoka University, Japan)
永田 健 (福岡大学病院消化器外科)
- WS18-5 Surgical Strategy and Outcomes of Laparoscopic Surgery for Splenic Flexure Colon Cancer**
脾彎曲部結腸癌に対する鏡視下手術の定型化と治療成績の検討
Takashi Sakamoto (Division of Colorectal Surgery, Gastroenterology Center, Cancer Institute Hospital of JFCR, Japan)
坂本 貴志 (がん研有明病院消化器外科)
- WS18-6 Postoperative Video Analysis Using an Anatomical Recognition AI (EUREKA) in Robotic Surgery for Splenic Flexure Colon Cancer**
解剖認識支援 AI (EUREKA) を用いた術後ビデオ解析による脾彎曲部癌ロボット支援手術の検討
Takuya Suzuki (Department of Gastroenterological Surgery, Nagoya city university, Japan)
鈴木 卓弥 (名古屋市立大学病院消化器外科)
- WS18-7 Standardization and Short-term Outcomes of Robot-assisted Surgery for Splenic Flexure Colon Cancer**
脾彎曲部癌に対するロボット手術の定型化と短期成績
Tomoaki Okada (Department of Surgery, Japanese Red Cross Osaka Hospital, Japan)
岡田 倫明 (大阪赤十字病院消化器外科)

Workshop 19 Approaches to Minimally Invasive Surgery for Right-Sided Colon Cancer

右側結腸癌に対する低侵襲手術のアプローチ方法

Chair Hiroyuki Egi (Department of Surgery, Kitasato University Medical Center)

恵木 浩之 (北里大学メディカルセンター外科)

Fumihiko Fujita (Department of Digestive surgery, Kurume University)

藤田 文彦 (久留米大学外科)

WS19-1 Laparoscopic Right Hemicolectomy via Medial Approach

内側アプローチ先行による腹腔鏡補助下結腸右半切除術

Koji Murono (Division of Surgical Oncology, the University of Tokyo, Japan)

室野 浩司 (東京大学医学部附属病院大腸肛門外科)

WS19-2 Evolution of Minimally Invasive Surgery for Right-Sided Colon Cancer via a Cephalic Approach

右側結腸癌に対する頭側アプローチ低侵襲手術の変遷—腹腔鏡とロボット (ダビンチ/Hugo) の経験から—

Tetsurou Tominaga (Colorectal Surgery, Department of Surgery, Nagasaki University Hospital, Japan)

富永 哲郎 (長崎大学病院外科学講座大腸・肛門外科)

WS19-3 Usefulness of a Cranial-First Approach in Robotic Surgery for Right-Sided Colon Cancer: Safe Dissection Along the Upper Border of the Surgical Trunk

右側結腸癌に対するロボット支援手術における頭側先行アプローチの有用性 -surgical trunk 上縁の安全な郭清-

Masayoshi Iwamoto (Division of Colorectal Surgery, Department of Surgery, Faculty of Medicine, Kindai University, Japan)

岩本 哲好 (近畿大学病院下部消化管外科)

WS19-4 Robotic-assisted right colectomy with a caudal approach preceded by dissection between the anterior and posterior layers of the transverse mesocolon

ロボット支援下右側結腸癌手術における横行結腸間膜前葉後葉間剥離先行尾側アプローチ

Mayumi Ozawa (Department of Surgery, Gastroenterological Center, Yokohama City University Medical Center, Japan)

小澤真由美 (横浜市立大学附属市民総合医療センター消化器病センター外科)

WS19-5 Advantages and short-term outcomes of surgical technique combining inferior and cranial approach in minimally invasive right hemicolectomy for right-sided colon cancer

後腹膜・頭側アプローチを併用した低侵襲結腸右半切除術の利点と治療成績

Akihiro Kondo (Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University, Japan)

近藤 彰宏 (香川大学医学部消化器外科学)

WS19-6 Short-term outcomes of robotic right hemicolectomy

当院におけるロボット支援結腸右半切除術の治療成績

Yusuke Takashima (Division of Colon and Rectal Surgery, Shizuoka Cancer Center,
Shizuoka, Japan)

高嶋 祐助 (静岡県立静岡がんセンター大腸外科)

WS19-7 Utility of Mixed Approach in Robotic-Assisted Right Hemicolectomy

ロボット支援右側結腸切除術における Mixed approach の有用性

Yu Yoshida (Department of Surgery, Graduate School of Medicine, Kyoto University,
Japan)

吉田 祐 (京都大学医学部附属病院消化管外科)

September 4 (Fri) Room 14 (Conference Center 3F 301)

14:40~16:10

Workshop 20 Current Status and Challenges of Minimally Invasive Surgery for IBD

IBD に対する低侵襲手術の現状と課題

Chair Alessandro Fichera (Department of Surgery, Weill Cornell Medicine
New York Presbyterian)

Tsunekazu Mizushima (Department of Colorectal Surgery, Dokkyo
Medical University)

水島 恒和 (獨協医科大学外科学 (下部消化管) 講座)

Special Comment Hermann Peter Kessler (Department of Colorectal Surgery,
Cleveland Clinic)

WS20-1 Current Practice of Laparoscopic Surgery for Ulcerative Colitis and Risk Factors for Conversion to Open Surgery

潰瘍性大腸炎に対する腹腔鏡手術の現状と開腹移行リスク因子の検討

Ryuichi Kuwahara (Division of Inflammatory Bowel Disease Surgery, Department of
Gastroenterological Surgery, Hyogo Medical University, Japan)

桑原 隆一 (兵庫医科大学炎症性腸疾患外科)

WS20-2 Outcomes of Minimally Invasive Surgery for Colitic Cancer: A Subanalysis of the COSUC Study

Colitic cancer に対する低侵襲手術の治療成績

-COSUC study サブ解析 -

Takumi Kozu (Department of Surgery, Kyoto University Hospital, Japan)

甲津 卓実 (京都大学医学部附属病院消化管外科)

WS20-3 Postoperative Anal Function After Minimally Invasive Surgery for Ulcerative colitis

潰瘍性大腸炎に対する低侵襲手術と術後肛門機能の検討

Takahide Shinagawa (Department of Surgical Oncology, The University of Tokyo,
Japan)

品川 貴秀 (東京大学腫瘍外科)

- WS20-4 Short- and long-term outcomes and anal function after robotic IACA versus laparoscopic IPAA for UC**
 潰瘍性大腸炎に対するロボット支援下 IACA と鏡視下 IPAA の短期・長期成績の比較
 Marie Hanaoka (Department of Gastrointestinal Surgery, Institute of Science Tokyo, Japan)
 花岡まりえ (東京科学大学消化管外科学分野)
- WS20-5 Surgical outcome of intestinal resection for Crohn's disease patients**
 当院で腸管切除を行ったクローン病患者の手術成績
 Nao Kakizawa (Department of Surgery, Saitama Medical Center, Jichi Medical University, Japan)
 柿澤 奈緒 (自治医大さいたま医療センター一般・消化器外科)
- WS20-6 Feasibility and Safety of Laparoscopic Surgery in Crohn's Disease Patients with Fistulas**
 瘻孔合併クローン病に対する腹腔鏡手術の安全性と有用性の検討
 Shinichi Umeda (Department of Surgery, Nagoya University Hospital, Japan)
 梅田 晋一 (名古屋大学医学部附属病院消化器・腫瘍外科)
- WS20-7 Temporal Trends and Surgical Outcomes of Minimally Invasive Surgery for Crohn's Disease**
 クローン病に対する低侵襲手術の時代的変遷と治療成績
 Takayuki Ogino (Department of Gastroenterological Surgery, Graduate School of Medicine, The University of Osaka, Japan)
 荻野 崇之 (大阪大学大学院医学系研究科消化器外科学)
- WS20-8 The usefulness of CPR analysis and intraoperative endoscopy in MIS for Crohn's disease**
 クローン病に対する低侵襲手術における CPR 解析と術中小腸内視鏡の有用性について
 Koji Okabayashi (Department of Gastrointestinal Surgery, Tokai University, Kanagawa, Japan)
 岡林 剛史 (東海大学医学部消化器外科)

September 4 (Fri) Room 14 (Conference Center 3F 301) 16:20~17:55

Workshop 21 Minimally Invasive Surgery for Diverticulitis 大腸憩室炎に対する低侵襲手術

Chair Salvador Morales-Conde (Department of General and Digestive Surgery, University Hospital Virgen Macarena (Sevilla, Spain), Spain)
 Eiji Sunami (Department of Gastroenterological and General Surgery, Kyorin University)
 須並 英二 (杏林大学消化器・一般外科)

WS21-1 (Keynote Lecture)

The UK Picture of Diverticulitis and Minimally Invasive Surgery
 Mark Giles Coleman (Colorectal Unit, University Hospitals Plymouth UK)

WS21-2 Message from the EAES Guidelines for Complicated Diverticulitis

Salvador Morales-Conde (Department of General and Digestive Surgery, University Hospital Virgen Macarena (Sevilla, Spain), Spain)

- WS21-3 Factors Influencing the Difficulty of Laparoscopic Surgery for Colovesical Fistula due to Diverticulosis
腹腔鏡下結腸膀胱瘻手術の難易度に関連する因子
Shigeo Toda (Department of Gastroenterological Surgery, Toranomon Hospital, Japan)
戸田 重夫 (虎の門病院消化器外科)
- WS21-4 Laparoscopic Surgery for Colonic Diverticulitis: Strategic Approaches to Avoid Intraoperative Complications
大腸憩室炎に対する腹腔鏡手術：術中損傷回避の工夫
Kohei Shigeta (Department of Surgery, Keio University School of Medicine, Japan)
茂田 浩平 (慶應義塾大学医学部一般・消化器外科)
- WS21-5 演題取り下げ
- WS21-6 Clinical Outcomes of Laparoscopic Surgery for Diverticulitis
憩室炎に対する腹腔鏡下手術の治療成績
Genta Sawada (Department of Surgery, Itami City Hospital, Japan)
澤田 元太 (市立伊丹病院)
- WS21-7 Near-Infrared Fluorescent Ureteral Catheter Navigation Facilitates Precision Laparoscopic Surgery in Complex Sigmoid Diverticulitis: A Retrospective Cohort Study
複雑性S状結腸憩室炎における近赤外蛍光尿管カテーテルナビゲーションが可能にする精緻な腹腔鏡手術
Yuta Imaizumi (Department of Gastroenterological Surgery, Kawaguchi Municipal Medical Center, Japan)
今泉 佑太 (川口市立医療センター消化器外科)
- WS21-8 Outcomes of Single-Stage Laparoscopic Surgery for Acute Abscess-Forming Diverticulitis
当院における急性期膿瘍形成性大腸憩室炎に対する一期的腹腔鏡手術の治療成績
Tomoya Miura (Department of gastroenterologic surgery, Tohoku medical and pharmaceutical university, Japan)
三浦 智也 (東北医科薬科大学消化器外科)

September 4 (Fri) Room 15 (Conference Center 3F 302) 14:40~16:10

Workshop 22 Pearls and Pitfalls of Gastrectomy in Obese Patients 肥満症例に対する胃切除術のコツとピットフォール

Chair Tetsu Fukunaga (Department of Esophageal & Gastroenterological Surgery, Juntendo University)
福永 哲 (順天堂大学上部消化管外科)
Tsuyoshi Etoh (Gastroenterological Surgery/RCGLID, Oita University)
衛藤 剛 (大分大学消化器外科 / グローカル感染症研究センター)

- WS22-1 Tips and Benefits of Robot-Assisted Gastrectomy in Obese Patients
肥満症例におけるロボット支援胃切除のコツとメリット
Takahiro Kinoshita (Department of Gastric Surgery, National Cancer Center Hospital East, Japan)
木下 敬弘 (国立がん研究センター東病院胃外科)

- WS22-2** Impact of an individualized adjusting camera port positions on reducing operative time in minimally invasive gastrectomy for gastric cancer patients with visceral fat obesity
 内臓脂肪型肥満患者への低侵襲胃癌手術におけるカメラポート位置調整の時短効果
 Makoto Hikage (Division of Gastroenterologic Surgery, Tohoku Medical and Pharmaceutical University, Japan)
 日景 允 (東北医科薬科大学外科学第一)
- WS22-3** Comparison of the efficacy of robot-assisted gastrectomy for gastric cancer patients with high BMI
 高 BMI 胃癌症例に対するロボット支援胃切除術の有用性の検討
 Megumi Watanabe (National Hospital Organization Iwakuni Clinical Center, Japan)
 渡邊めぐみ (独立行政法人国立病院機構岩国医療センター外科)
- WS22-4** Technical considerations for robot-assisted gastrectomy in obese patients with gastric cancer
 肥満胃癌患者におけるロボット支援下胃切除の工夫
 Keiichi Fujiya (Division of Gastric Surgery, Shizuoka Cancer Center, Japan)
 藤谷 啓一 (静岡県立静岡がんセンター胃外科)
- WS22-5** Surgical Techniques and Pitfalls of Robot-Assisted Gastrectomy for Obese Patients
 肥満症例に対するロボット支援下胃切除のコツとピットフォール
 Akio Kaito (Gastroenteric surgery division, Tsuchiura Kyodo General Hospital, Tsuchiura, Japan)
 海藤 章郎 (総合病院土浦協同病院消化器外科)
- WS22-6** Treatment Outcomes of Robotic Surgery and Laparoscopic Surgery for Obese Patients with Gastric Cancer
 胃がん肥満症例に対する鏡視下胃切除術の治療成績について
 Hideyuki Kawakami (Department of Gastrointestinal Surgery, Saitama Cancer Center, Japan)
 川上 英之 (埼玉県立がんセンター)
- WS22-7** Robotic Gastrectomy in Obese Patients with Gastric Cancer: Surgical Techniques and Short-Term Outcomes
 肥満体型胃癌患者に対するロボット支援下胃切除術の手術手技と短期成績
 Reo Sato (Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)
 佐藤 怜央 (名古屋市立大学消化器外科)
- WS22-8** Technical tips for surgical field exposure in robotic-assisted gastrectomy for obese patients
 肥満症例に対するロボット支援下胃切除術における術野展開の工夫
 Yasuhiro Tsuru (Department of Surgery, Saga University Faculty of Medicine, Japan)
 鶴 安浩 (佐賀大学医学部一般・消化器外科)
- WS22-9** Techniques and Treatment Outcomes of Robotic Gastrectomy for Obesity Cases
 肥満症例に対するロボット支援下胃切除 (RG) の工夫と治療成績
 Taro Isobe (Department of Surgery, School of Medicine, Kurume University, Japan)
 磯辺 太郎 (久留米大学医学部外科学講座)

Workshop 23 Mediastinoscopic Esophagectomy**縦隔鏡下食道切除術**

Chair Makoto Yamasaki (Department of Upper Gastrointestinal Surgery,
Kansai Medical University)

山崎 誠 (関西医科大学上部消化管外科)

Atsushi Shiozaki (Division of Digestive Surgery, Department of
Surgery, Kyoto Prefectural University of Medicine)

塩崎 敦 (京都府立医科大学大学院医学研究科消化器外科学)

WS23-1 Clinical Outcomes of Mediastinoscopic Esophagectomy for Esophagogastric Junction Cancer with Esophageal Invasion Length of 2.1-4.0cm

食道浸潤長が 2.1 ~ 4.0cm の食道胃接合部癌における縦隔鏡手術の治療成績

Yoshihiko Kawaguchi (First Department of Surgery, Faculty of Medicine, University of
Yamanashi, Japan)

河口 賀彦 (山梨大学第一外科)

WS23-2 Techniques and prevention of complications in mediastinoscopic esophagectomy

縦隔鏡下食道切除における術式の工夫とトラブル予防

Hiroataka Konishi (Division of Digestive Surgery, Department of Surgery, Kyoto
Prefectural University of Medicine, Japan)

小西 博貴 (京都府立医科大学消化器外科)

WS23-3 Treatment Outcomes and Challenges of Transmediastinoscopic Esophagectomy According to Tumor Location

腫瘍局在からみた縦隔鏡下食道切除術の治療成績と課題

Koichi Ogawa (Department of Gastrointestinal and Hepato-Biliary-Pancreatic Surgery,
Faculty of Medicine, University of Tsukuba, Japan)

小川 光一 (筑波大学附属病院消化器外科)

WS23-4 Balancing Surgical Safety and Oncologic Outcomes: A Comparative Study of Mediastinoscopic and Open Radical Esophagectomy for Esophageal Cancer

食道癌縦隔鏡手術手技の創意工夫：合併症回避と郭清精度向上の取り組みと短期・長期成績

Shuhei Komatsu (Department of Digestive Surgery, Kyoto First Red Cross Hospital,
Kyoto, Japan / Department of Digestive Surgery, Kyoto Prefectural
University of Medicine, Kyoto, Japan)

小松 周平 (京都第一赤十字病院消化器外科 / 京都府立医科大学消化器外科)

WS23-5 Efficacy of Bilateral Cervical Approach Mediastinoscopic Esophagectomy at Our Institution

当院における両側頸部アプローチ縦隔鏡下食道切除術の有用性

Seiya Inoue (Department of Thoracic, Endocrine Surgery and Oncology, Institute of
Biomedical Sciences, Tokushima University Graduate School, Japan)

井上 聖也 (徳島大学大学院胸部・内分泌・腫瘍外科学)

- WS23-6 Mediastinoscopic Esophagectomy with Bilateral Pleurectomy under the Open Pleura Concept: Outcomes in 206 Consecutive Patients**
Open Pleura Concept に基づく両側胸膜合併切除を伴う縦隔鏡下食道切除術：206 例連続症例の短期成績
 Takashi Mitui (Department of Surgery, Dokkyo Medical University Saitama Medical Center, Japan)
 三ツ井崇司 (獨協医科大学埼玉医療センター)
- WS23-7 Expanding indications for robot-assisted transmediastinal esophagectomy with an experience of mediastinoscopic surgery**
縦隔鏡下食道切除術の経験とロボット支援手術への適応拡大
 Keisuke Mishima (Department of Digestive Surgery, Nippon Medical School Musashikosugi Hospital, Japan)
 三島 圭介 (日本医科大学武蔵小杉病院消化器外科)
- WS23-8 Technical Details and Perioperative Outcomes of 80 Cases of Robotic Abdominal Cervical Esophagectomy (RACE)**
頸腹部からロボットを用いた縦隔鏡手術(RACE)80 例の技術的詳細と周術期成績
 Takeo Fujita (Division of Esophageal Surgery, National Cancer Center Hospital East, Japan)
 藤田 武郎 (国立がん研究センター東病院食道外科)
- WS23-9 Indications for robot-assisted mediastinoscopic esophagectomy based on long-term outcomes**
長期予後から考えるロボット縦隔鏡手術の最適な適応
 Koichi Yagi (Department of Stomach and Esophageal Surgery, The University of Tokyo Hospital, Japan)
 八木 浩一 (東京大学医学部附属病院)

September 4 (Fri) Room 17 (Conference Center 3F 304) 9:40~11:10

Workshop 24 Usefulness of Robotic Surgery for Splenic Vessel-preserving Distal Pancreatectomy

脾動静脈温存脾体尾部切除に対するロボット支援手術の有用性

Chair Ippei Matsumoto (Department of Surgery, Kindai University)
 松本 逸平 (近畿大学外科)

Takayuki Anazawa (Department of Gastroenterological Surgery, Sapporo Medical University)
 穴澤 貴行 (札幌医科大学消化器外科)

- WS24-1 Surgical procedures and outcomes of robot-assisted distal pancreatectomy with spleen and vein preservation in our department**
当科におけるロボット支援下脾動静脈温存脾体尾部切除の術式と成績
 Yatsuka Sahara (Department of Gastrointestinal Surgery, Japanese Red Cross Saitama Hospital, Japan)
 佐原 八束 (さいたま赤十字病院消化器外科)

- WS24-2 Outcomes of Robotic Spleen-Preserving Distal Pancreatectomy with Preservation of Splenic Vessels**
ロボット支援脾動静脈温存脾体尾部切除術の手術成績
 Kosei Takagi (Department of Gastroenterological Surgery, Okayama University, Japan)
 高木 弘誠 (岡山大学病院消化器外科学)
- WS24-3 Advanced Robotic Precision in Spleen-Preserving Distal Pancreatectomy with Splenic Vessel Preservation**
腹腔鏡下からロボット支援下へ進化した脾動静脈温存脾体尾部切除における治療成績の改善
 Hirofumi Shirakawa (Department of HepatoBiliary-Pancreatic Surgery, Tochigi Cancer Center, Japan)
 白川 博文 (栃木県立がんセンター外科)
- WS24-4 Robot-assisted Spleen Vessel-preserving Distal Pancreatectomy with utilization of Robotic Advantages**
ロボットの特性を生かしたロボット支援下脾動静脈温存脾体尾部切除
 Hiroki Sunagawa (Department of Gastro-intestinal surgery, Nakagami Hospital, Japan)
 砂川 宏樹 (敬愛会中頭病院消化器・一般外科)
- WS24-5 Technical refinements and short-mid term outcomes of robotic spleen-preserving distal pancreatectomy**
ロボット支援脾温存脾体尾部切除の手技の工夫と短・中期成績
 Keishi Sugimachi (Department of Hepatobiliary and Pancreatic Surgery, NHO Kyushu Cancer Center, Japan)
 杉町 圭史 (九州がんセンター肝胆膵外科)
- WS24-6 Surgical techniques and outcomes for robot-assisted vessel preserving distal pancreatectomy**
当科におけるロボット支援下脾動静脈温存脾体尾部切除術の手術手技 - 腹腔鏡下手術との比較 -
 Naoki Kamitani (Department of Surgery, Nara Prefecture General Medical Center, Japan)
 紙谷 直毅 (奈良県総合医療センター)
- WS24-7 Superiority of robot-assisted distal pancreatectomy in splenic vessels preservation**
脾動静脈・脾臓温存尾側脾切除術におけるロボット支援下手術の有用性
 Katsuya Ami (Division of Hepato-Biliary-Pancreatic Surgery, Department of Surgery, Kindai University Faculty of Medicine, Japan)
 阿見 勝也 (近畿大学医学部外科学教室肝胆膵部門)
- WS24-8 Robotic spleen preserving distal pancreatectomy (Kimura technique) using daVinci SP platform**
daVinci SP を用いた脾臓温存尾側脾切除術 (Kimura 法)
 Yuichiro Uchida (Department of Surgery, Fujita Health University, Japan)
 内田雄一郎 (藤田医科大学総合消化器外科)

Workshop 25 Current Status and Future Prospects of Remote Surgical Guidance Across Clinical Specialties

各疾患領域におけるリモート手術指導の現状と展望

Chair Kenichi Hakamada (Department of Gastroenterological Surgery, Hirosaki University/Hirosaki General Medical Center)

袴田 健一 (弘前大学・弘前総合医療センター消化器外科)

Eiji Oki (Department of Advanced Medicine and Innovative Technology, Kyushu University)

沖 英次 (九州大学先端医工学診療部)

WS25-1 Remote Surgical Mentoring Supporting Regional Healthcare: Current Practice and Future Perspectives in Gastrointestinal Surgery at Kyushu University
地域医療を支える遠隔手術指導—九州大学における消化器外科領域での実践と展望—

Koji Ando (Department of Surgery and Science, Kyushu University, Japan)

安藤 幸滋 (九州大学大学院消化器・総合外科)

WS25-2 Remote Surgical Mentoring for Training Young Surgeons and Supporting the Introduction of Novel Surgical Procedures

リモート手術指導による若手外科医教育と新規術式導入支援

Yuichiro Tsukada (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan)

塚田祐一郎 (国立がん研究センター東病院大腸外科)

WS25-3 Clinical Implementation of Robotic telesurgical Support

遠隔ロボット手術支援の臨床応用への取り組み

Hajime Morohashi (Department of Gastroenterological surgery, Hirosaki University, Japan)

諸橋 一 (弘前大学消化器外科)

WS25-4 The Future of Surgical Education Pioneered by Touch Surgery

Touch Surgery が切り拓く未来の外科教育

Shigeo Ninomiya (Department of Gastroenterological and Pediatric Surgery, Oita University, Japan)

二宮 繁生 (大分大学消化器・小児外科学講座)

WS25-5 Remote Surgical Mentoring in Robotic Surgery - Surgical Education Using the Telepresence Feature of Da Vinci 5 -

ロボット手術における遠隔指導の実践— Da Vinci 5 Telepresence を用いた手術教育 —

Yosuke Kobayashi (Department of Surgery, Fujita Health University, Japan)

小林 陽介 (藤田医科大学総合消化器外科学)

WS25-6 Remote Surgical Guidance Using da Vinci 5 in Gynecologic Robotic Surgery: Current Practice and Future Perspectives

婦人科ロボット手術における da Vinci 5 を用いたリモート手術指導と将来展望

Iori Kisu (Department of Obstetrics and Gynecology, Fujita Health University School of Medicine, Japan)

木須 伊織 (藤田医科大学医学部産婦人科学講座)

[Diversity, Equity & Inclusion Committee]

[Diversity, Equity & Inclusion 委員会との共同開催]

**Workshop 26 Designing Career Paths for Endoscopic Surgeons
Where Everyone Can Thrive: A DE&I Perspective”**
誰もが活躍できる内視鏡外科医のキャリアパスを設計する：
DE&I の視点から

Chair Hiroya Takeuchi (Department of Surgery, Hamamatsu University
School of Medicine)

竹内 裕也 (浜松医科大学外科学第二講座)

Emiko Kono (Department of General and Gastroenterological Surgery,
Osaka Medical and Pharmaceutical University)

河野恵美子 (大阪医科薬科大学一般・消化器外科)

WS26-1 (Keynote Lecture)

Democratizing Training to Shape Career Pathways in Endoscopic Surgery: A DE&I
Perspective

研鑽の民主化が拓く内視鏡外科医のキャリアパス：DE&I 時代の育成モデル

Yukio Suzuki (Gifu University Hospital, Japan)

鈴木 幸雄 (岐阜大学医学部)

WS26-2 AEGIS-Women's Initiatives for Career Development Support

AEGIS-Women によるキャリア形成支援の取り組み

Hisako Kubota (Association for Empowerment of Women Gastrointestinal Surgeons
(AEGIS-Women), Japan)

窪田 寿子 (消化器外科女性医師の活躍を応援する会)

WS26-3 A New Career Path in Inguinal Hernia Day Surgery

そけいヘルニア日帰り手術での新たなキャリアパス

Akira Endo (Kyoto Gi Surgical Clinic, Japan)

遠藤 彰 (京都日帰りそけいヘルニア手術 Gi 外科クリニック)

WS26-4 Sustainable Esophageal Surgery: DE&I via Task Shifts & Dynamic Teams

持続可能な食道外科診療体制の構築：タスク特化型シフトと動的チーム再編による
DE&I の実践

Tomoyoshi Kunitomo (Department of Gastroenterological Surgery, Okayama
University, Japan)

國友 知義 (岡山大学病院消化管外科)

**WS26-5 Redefining Leadership to Implement DE&I: Redesigning Role Expectations Based
on TeamSTEPPS**

DE&I を実装する医師リーダーシップの再定義：TeamSTEPPS を基盤とした役割期待
の再設計

Junko Takita (Department of Surgery, NHO Utsunomiya National Hospital, Japan)

滝田 純子 (国立病院機構宇都宮病院外科)

WS26-6 Integrating Endoscopic Surgical Training and Leadership Development for Obstetricians and Gynecologists with Parenting Responsibilities: Insights from the “Ikudoku” Seminar

育児中産婦人科医における内視鏡外科技術とリーダーシップ同時学習の試み —イクドクセミナーの経験から—

Chihiro Kamozaawa (Tochigi Cancer Center, Japan)

鴨澤 千尋 (栃木県立がんセンター)

September 5 (Sat) Room 1 (Conference Center 1F Main Hall)

14:20~15:50

Workshop 27 AI-Enhanced Surgical Assistance and Education

AI を用いた手術支援と教育支援

Chair Nobuyoshi Takeshita (Division of Surgical Technology, National Cancer Center)

竹下 修由 (国立がん研究センター先端医療開発センター手術機器開発分野)

Takeshi Aoki (Division of Gastroenterological & General Surgery, Department of Surgery, School of Medicine, Showa Medical University)

青木 武士 (昭和医科大学医学部外科学講座消化器一般外科学部門)

WS27-1 Clinical utility of anatomical recognition AI in robot assisted distal gastrectomy
ロボット支援下胃切除術における解剖認識 AI の臨床有用性の検討

Kenichi Ishibayashi (Department of Gastrointestinal Surgery and Breast Surgery, Kanazawa University Hospital, Japan)

石林 健一 (金沢大学附属病院消化管外科)

WS27-2 演題取り下げ

WS27-3 Development of AI-Assisted Software for Robotic Intraoperative 3D Simulation: i-Lung 3D Simulator

AI × 呼吸器外科医による術中三次元シミュレーションを可能にするソフトウェア開発 —i-Lung 3D Simulator—

Naoya Kawakita (Department of Thoracic and Endocrine Surgery and Oncology Institute of Biomedical Sciences, The University of Tokushima Graduate School, Japan)

河北 直也 (徳島大学病院呼吸器外科)

WS27-4 Development of a 3D Real-Time Navigation System for Liver Deformations Using AI

AI を用いた肝臓変形に対応可能な 3 次元リアルタイムナビゲーションシステムの開発

Hiroto Nishino (Department of Surgery, Graduate School of Medicine, Kyoto University, Japan)

西野 裕人 (京都大学医学部附属病院肝胆膵・移植外科)

- WS27-5 Development of AI surgical skill assessment system using SIGMASTER**
S 状結腸切除術のリアルシミュレータを用いた AI 手術技能評価システムの開発
 Hiro Hasegawa (Division of Medical Device Innovation, National Cancer Center Hospital East, Kashiwa, Japan / Department of Colorectal Surgery, National Cancer Center Hospital East, Kashiwa, Japan)
 長谷川 寛 (国立がん研究センター東病院医療機器開発推進部門 / 国立がん研究センター東病院大腸外科)
- WS27-6 Educational Effect of AI-Assisted Surgical Vision System-Based LCT Highlighting on Medical Students**
外科手術視覚支援 AI システムを用いた疎性結合組織ハイライトによる医学生への手術教育効果の検討
 Ryusuke Murakami (Department of Gynecology and Obstetrics, Graduate School of Medicine and Faculty of Medicine, Kyoto University, Japan)
 村上 隆介 (京都大学医学部附属病院産科婦人科)
- WS27-7 Understanding Tacit Knowledge through Surgical Logs and AI**
「師匠の背中」を再解釈する—手術ログと AI が拓く暗黙知の理解
 Munenori Uemura (Division of Biomedical Engineering, Faculty of Advanced Science and Technology, Kumamoto University, Japan / Kobe University Graduate School of Medicine Faculty of Medicine, Surgery Division, Japan)
 植村 宗則 (熊本大学大学院先端科学研究部医工学部門 / 神戸大学大学院医学研究科外科学講座)

September 5 (Sat) Room 2 (Conference Center 5F 501)

8:00~9:30

Workshop 28 Minimally Invasive HPB Surgery Based on Microanatomy

微細解剖学に基づく低侵襲肝胆膵手術

Chair Yoshihiro Sakamoto (Department of HBP Surgery, Kyorin University Hospital)

阪本 良弘 (杏林大学医学部付属病院肝胆膵外科)

Daisuke Ban (Department of Hepatobiliary and Pancreatic Surgery, Institute of Science Tokyo)

伴 大輔 (東京科学大学肝胆膵外科学分野)

WS28-1 Beyond Human Sensations: Laparoscopic Complex HBP Surgery Using 3D and ICG Imaging Systems

KuoHsin Chen (Department of Surgery, Far-Eastern Memorial Hospital, Taiwan)

WS28-2 Advantage of minimally invasive approaches in hepatectomy: implications from clinical anatomy

臨床解剖学者の視点から見た低侵襲肝切除術のアドバンテージとは何か？

Junichi Shindoh (Department of Gastroenterological Surgery, Toranomon Hospital, Japan)

進藤 潤一 (虎の門病院消化器外科)

- WS28-3 Laparoscopic “bona fide” anatomic liver resection using the chicken-claw sign**
Chicken claw sign に基づいた真の腹腔鏡下解剖学的肝切除
 Takuya Minagawa (Department of Hepato-Biliary-Pancreatic and Gastrointestinal Surgery, School of Medicine, International University of Health and Welfare, Japan)
 皆川 卓也 (国際医療福祉大学成田病院消化器外科)
- WS28-4 Extrahepatic glissonean approach based on robotically enhanced surgical anatomy**
Robotically enhanced surgical anatomy に基づく肝門部グリソン鞘一括確保
 Takao Ide (Department of Surgery, Saga University Faculty of Medicine, Japan)
 井手 貴雄 (佐賀大学医学部一般・消化器外科)
- WS28-5 Surgical Strategy for Minimally Invasive Right Anterior or Posterior Sectionectomy and Segmentectomies of Segments VII and VIII, Considering the Courses of P6a and the Right Hepatic Vein**
P6a と RHV の走行に基づいた right intersectional plane 離断を要する低侵襲肝系統的切除の定型化の工夫
 Yusuke Yamamoto (Digestive Surgery, Kyoto Prefectural University of Medicine, Japan)
 山本 有祐 (京都府立医科大学消化器外科)
- WS28-6 ICG-Enhanced Visualization of Venous Congestion for Laparoscopic Anatomical Hepatectomy of Segment 8-Ventral**
ICG 蛍光による静脈鬱血可視化を用いた腹腔鏡下肝 S8 腹側区域解剖学的切除
 Yusuke Hanabata (Division of Hepato-Biliary-Pancreatic Surgery and Transplantation, Department of Surgery, Graduate School of Medicine, Kyoto University, Japan)
 花畑 佑輔 (京都大学大学院医学研究科肝胆膵・移植外科)
- WS28-7 Perioperative Outcomes of Robotic Pancreaticoduodenectomy in Patients with Hepatic Arterial Variants**
動脈破格症例に対するロボット支援下膵頭十二指腸切除術
 Hajime Imamura (Department of Surgery, Hepato-Biliary-Pancreatic Surgery and Transplantation, Nagasaki University, Japan)
 今村 一步 (長崎大学病院移植・消化器外科)
- WS28-8 Early Identification of a Replaced Right Hepatic Artery During Robot-Assisted Pancreaticoduodenectomy Using a Right Lateral Approach**
Robot 支援膵頭十二指腸切除における Replaced RHA の同定
 Nobuyuki Takemura (Department of Hepato-Biliary-Pancreatic Surgery and Pediatric Surgery, Saitama Medical Center, Saitama Medical University, Japan)
 竹村 信行 (埼玉医科大学総合医療センター肝胆膵外科・小児外科)
- WS28-9 Evaluation of the Utility of the AI Surgical System “EURIKA” in the Right Lateral SMA Approach (RLA) for Pancreaticoduodenectomy**
膵頭十二指腸切除術 SMA 右側方アプローチにおける AI 手術支援ソフト EURIKA の有用性の検討
 Hiroko Okinaga (Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital, Japan)
 冲永 裕子 (がん・感染症センター都立駒込病院)

Workshop 29 Optimal Approach to ICG-guided Liver Resection: Balancing Robotic and Laparoscopic Techniques

ICG 蛍光下肝切除の最適なアプローチとは－ロボット、腹腔鏡の使い分け－

Chair Takeshi Aoki (Division of Gastroenterological & General Surgery, Department of Surgery, School of Medicine, Showa Medical University)

青木 武士 (昭和医科大学医学部外科学講座消化器一般外科学部門)

Takeaki Ishizawa (Department of Hepatobiliary-Pancreatic Surgery, Osaka Metropolitan University)

石沢 武彰 (大阪公立大学肝胆膵外科)

WS29-1 Intraoperative 3D ICG navigation system contributes to safe minimally invasive anatomical liver resection

3D ICG 蛍光法を術中活用した低侵襲肝亜区域切除術

Takao Ide (Department of Surgery, Saga University Faculty of Medicine, Japan)

井手 貴雄 (佐賀大学医学部一般・消化器外科)

WS29-2 Efficacy of ICG Fluorescence Re-staining Method in Laparoscopic Hepatectomy

腹腔鏡下肝切除術における ICG 蛍光再染色法の有用性

Hayata Sano (Division of Hepato-Biliary-Pancreatic Surgery, Department of Surgery, Kobe University, Japan)

佐野 隼大 (神戸大学大学院医学研究科外科学講座肝胆膵外科学分野)

WS29-3 Tailor-Made Posterosuperior Segmentectomy Using Minimally Invasive Surgery

MIS によるオーダーメイド肝後上区域切除

Kazuharu Igarashi (Department of General-Pediatric-Hepatobiliary Pancreatic Surgery, Kitasato University School of Medicine, Japan)

五十嵐一晴 (北里大学医学部一般・小児・肝胆膵外科学)

WS29-4 ICG Fluorescence-Guided Bile Duct Identification in Minimally Invasive Systematic Liver Resection: Tips and Pitfalls

低侵襲系統的肝切除における ICG 蛍光法を用いた胆管同定の工夫とピットフォール

Takamichi Ishii (Department of Surgery for Abdominal Oncology and Organ Regeneration, Graduate School of Medicine Kyoto University, Japan / Department of Surgery, Graduate School of Medicine Kyoto University, Japan)

石井 隆道 (京都大学大学院医学研究科消化器腫瘍制御・臓器再生外科学 / 京都大学肝胆膵・移植外科)

WS29-5 Feasibility and outcomes of the Glissonean approach by anatomical region and ICG negative staining method in minimally invasive anatomical resection

低侵襲解剖学的肝切除における領域別 Glissonean approach と ICG 陰性染色法を用いたアプローチの妥当性と成績

Ryo Muranushi (Division of Hepatobiliary and Pancreatic Surgery, Department of General Surgical Science, Gunma University Graduate School of Medicine, Japan)

村主 遼 (群馬大学大学院総合外科学講座肝胆膵外科分野)

- WS29-6 Prospective Comparison of Primary Closure versus T-Tube in Laparoscopic and Open CBD Exploration**
Abhimanyu Soni (Department of General Surgery, Maharani Laxmi Bai Medical College, Jhansi, India)
- WS29-7 Robotic anatomical liver resection guided by ICG fluorescence imaging**
ICG 蛍光イメージングを用いたロボット支援下解剖学的肝切除
Shintaro Kodai (Department of Gastroenterological Surgery, Osaka City General hospital, Japan)
高台真太郎 (大阪市立総合医療センター消化器外科)
- WS29-8 Technical Innovations in Robot-Assisted Hepatic Lobectomy Using ICG fluorescence Cholangiography**
ロボット支援下肝葉切除における工夫～ ICG 胆道造影を用いた肝門個別処理～
Daisuke Asano (Department of Hepatobiliary and Pancreatic Surgery, Graduate School of Medicine, Institute of Science Tokyo, Tokyo, Japan)
浅野 大輔 (東京科学大学肝胆膵外科)
- WS29-9 Outcomes of Robot-Assisted Hepatic Subsegmentectomy with Indocyanine green**
ICG 併用ロボット支援下肝亜区域切除術の成績
Yasuhide Kofunato (Department of Hepato-Biliary-Pancreatic and Transplant Surgery, Fukushima Medical University, Japan)
小船戸康英 (福島県立医科大学医学部肝胆膵・移植外科学講座)

September 5 (Sat) Room 6 (Conference Center 4F 411+412) 9:40~11:10

Workshop 30 Challenges of Pediatric Endoscopic Surgery in the Era of Declining Birth Rates

少子化時代の小児内視鏡外科手術の諸問題

Chair Hiroshi Kawashima (Department of Pediatric Surgery, Saitama Children's Medical Center)
川嶋 寛 (埼玉県立小児医療センター小児外科)

Mikihiro Inoue (Department of Pediatric Surgery, Fujita Health University)
井上 幹大 (藤田医科大学小児外科)

- WS30-1 Training in Pediatric Endoscopic Surgery in an Era of Declining Birthrates: Operative Opportunities for Residents at a Single Center**
少子化時代の小児内視鏡外科トレーニング：当院における修練医の執刀機会について
Bin Yamaoka (Department of Pediatric Surgery, Ibaraki Children's Hospital, Japan)
山岡 敏 (茨城県立こども病院小児外科)
- WS30-2 Classifications of surgeons handling Group A cases within the pediatric endoscopic surgical skill qualification system at our hospital and various issues relevant to this era of declining birthrate**
当院における内視鏡技術認定審査 A 群症例の執刀状況と少子化時代における諸問題
Masahiro Zenitani (Department of Pediatric Surgery, Osaka Women's and Children's Hospital, Japan)
銭谷 昌弘 (大阪母子医療センター小児外科)

- WS30-3 Can we solve the problem of inadequate pediatric endoscopic surgery case numbers in an era of declining birthrates by conducting training using disease-specific simulators?**
 疾患型シミュレータによるトレーニングは少子化時代の小児内視鏡外科手術の症例数不足を解決しうるか？
 Yudai Tsuruno (Department of Pediatric Surgery, Research Field in Medical and Health Sciences, Medical and Dental Area, Research and Education Assembly, Kagoshima University, Japan)
 鶴野 雄大 (鹿児島大学学術研究院医歯学域医学系小児外科学分野)
- WS30-4 Building an educational platform to shorten learning curves in pediatric MIS: roles of Off-JT, AI, and robotics**
 小児内視鏡外科の学習曲線短縮に向けた教育基盤整備：Off-JT と AI、ロボットの位置づけ
 Akihiro Yasui (Nagoya University Graduate School of Medicine, Japan)
 安井 昭洋 (名古屋大学医学部附属病院小児外科)
- WS30-5 Utility of Adult Inguinal Hernia TAPP Experience in Learning Pediatric LPEC - Similarities and Differences Between the Two Procedures -**
 成人鼠径ヘルニア TAPP 経験は小児 LPEC 習得にどこまで有用か
 — 両術式の共通点と相違点の検討 —
 Hikaru Aoki (Department of Pediatric Surgery, Osaka Red Cross Hospital, Osaka, Japan)
 青木 光 (大阪赤十字病院小児外科)
- WS30-6 Establishing a Pediatric Endoscopic Surgery Training System Based on Adult Inguinal Hernia Surgery**
 成人鼠径ヘルニア手術から学ぶ小児領域内視鏡外科トレーニングシステムの構築
 Hiroshi Kuwabara (Department of Gastrointestinal and Pediatric Surgery, Tokyo Medical University, Japan)
 桑原 寛 (東京医科大学消化器・小児外科学分野)
- WS30-7 Surgical Skill Succession in Pediatric Minimally Invasive Surgery in the Era of Declining Birthrates: A Training Strategy Utilizing Collaboration with Adult Surgery in a Regional Hospital**
 少子化時代の小児内視鏡外科における技術継承 - 地方病院における成人外科連携を活用したトレーニング戦略 -
 Satoshi Yokoyama (Department of Pediatric Surgery, Japanese Red Cross Society Wakayama Medical Center, Japan)
 横山 智至 (日本赤十字社和歌山医療センター小児外科)

Workshop 31 Advantages of Different Surgical Assistance Robots 各種手術支援ロボットの優越性

Chair Tomonori Habuchi (Japanese Red Cross Osaka Hospital)
羽渕 友則 (大阪赤十字病院)

Hideaki Miyake (Division of Urology, Kobe University Graduate School of Medicine)

三宅 秀明 (神戸大学大学院医学研究科腎泌尿器科学分野)

WS31-1 The Era of Multiple-Platform Robotic Urological Surgery

Multiple platforms 時代を迎えたロボット手術

Shintaro Narita (Department of Urology, Akita University School of Medicine, Akita, Japan)

成田伸太郎 (秋田大学泌尿器科)

WS31-2 Clinical feature and experience of Da Vinci 5 Surgical System

Da Vinci 5 の特徴と使用経験

Shingo Takada (Department of Urology, Osaka Medical & Science center, Osaka Keisatsu Hospital, Japan)

高田 晋吾 (大阪国際メディカル&サイエンスセンター大阪けいさつ病院泌尿器科)

WS31-3 Applications and Clinical Utility of the da Vinci SP in Urologic Surgery

泌尿器科領域における da Vinci SP の応用と臨床的有用性

Masashi Takenaka (Department of Urology, Fujita Health University School of Medicine, Japan)

竹中 政史 (藤田医科大学腎泌尿器外科)

WS31-4 “Evolution” of the hinotori Surgical Robot System from the Perspective of Perioperative Outcomes in robot-assisted radical prostatectomy (RARP)

ロボット支援腹腔鏡下前立腺全摘除術 (RARP) の周術期成績から見る hinotori の「進化」

Kotaro Suzuki (Division of Urology, Kobe University Graduate School of Medicine, Japan)

鈴木光太郎 (神戸大学大学院医学研究科腎泌尿器科学分野)

WS31-5 Recent Updates of the Hugo RAS System and Clinical Experience in Urologic Surgery

Hugo RAS System の最新アップデートと泌尿器科手術の実際

Ken-ichi Tabata (Department of Urology, Kitasato University Kitasato Institute Hospital, Japan)

田畑 健一 (北里大学北里研究所病院泌尿器科)

Workshop 32 Troubleshooting in RASC

RASC のトラブルシューティング

Chair Atsuko Fujihara (Department of Urology, Kyoto Prefectural University of Medicine)

藤原 敦子 (京都府立医科大学泌尿器科)

Masashi Takenaka (Department of Urology, Fujita Health University School of Medicine)

竹中 政史 (藤田医科大学腎泌尿器外科学講座)

WS32-1 Troubleshooting Abdominal Wall Complications in Robotic Sacrocolpopexy: Comparison with Laparoscopic Rectal Prolapse Repair

ロボット支援下仙骨膣固定術における腹壁合併症トラブルシューティングー 腹腔鏡下直腸脱例との比較検討ー

Ryo Okamoto (Department of Surgery & PELVIC FLOOR FUNCTION & PELVIC ORGAN PROLAPSE CENTER, Meiwa hospital, Japan)

岡本 亮 (医療法人信和会明和病院骨盤底(機能障害・臓器脱)センター)

WS32-2 Two Major Pitfalls in Robot-Assisted Sacrocolpopexy and Perspectives on Mesh Materials

ロボット支援仙骨膣固定術における2大トラブルとメッシュ素材の考え方

Kazutaka Narimoto (Department of Urology, St Luke's International Hospital, Japan)

成本 一隆 (聖路加国際病院泌尿器科)

WS32-3 Troubleshooting for safe RASC : Our institution's experience and a review of the literature

安全なRASCのためのトラブルシューティング 自施設における経験と文献的考察

Akihito Takeuchi (Department of Urology School of Medicine, Fujita Health University, Japan)

竹内 章人 (藤田医科大学医学部腎泌尿器外科学講座)

WS32-4 Troubleshooting and Plan B in RASC

RASCにおけるトラブル対応とPlan B

Satoshi Tanimura (Department of Obstetrics and Gynecology, Toyama Prefectural Central Hospital, Japan)

谷村 悟 (富山県立中央病院産婦人科)

Workshop 33 Current Status and Future Prospects of Endoscopic and Robotic Surgery for Breast Cancer

乳癌の内視鏡下及びロボット支援手術の現状と展望

Chair Eisuke Fukuma (Breast Center, Kameda Medical Center)
福間 英祐 (亀田総合病院乳腺科)

Sadako Akashi-Tanaka (Department of Breast Surgery, Tokyo Women's Medical University)

明石 定子 (東京女子医科大学乳腺外科)

Special Comment Eisuke Fukuma (Breast Center, Kameda Medical Center)
福間 英祐 (亀田総合病院乳腺科)

WS33-1 Minimal Access (Endoscopic & Robotic) Breast Surgery in early breast cancer
Hung-Wen Lai (Changhua Chistian Hospital, Taiwan)

WS33-2 Endoscopic mastectomy followed by immediate breast reconstruction with fat grafting for breast cancer
内視鏡下乳房全切除と脂肪移植による一次再建

Kazutaka Narui (Department of Breast and Thyroid Surgery, Yokohama City University Medical Center, Japan)

成井 一隆 (横浜市立大学附属市民総合医療センター乳腺・甲状腺外科)

WS33-3 Endoscopic breast surgery makes aesthetic after mastectomy
乳腺内視鏡手術による乳腺切除後の形成法の検討

Koji Yamashita (Department of Breast Surgery, Chiba Tokushukai Hospital, Japan / Department of Breast Surgery, Nippon Medical School, Japan)

山下 浩二 (千葉徳洲会病院乳腺外科 / 日本医科大学乳腺外科)

WS33-4 Endoscopic Nipple-Sparing Mastectomy in a Low-Resource Setting: Early experience
Sandip Bipte (Consultant, Department of Breast Surgery, Breach Candy Hospital, Mumbai, India)

WS33-5 Adoption of Endoscopic and Robotic Breast Surgery and Current Challenges
乳腺の内視鏡・ロボット手術の導入と現状の課題

Jun Okuno (Osaka International Cancer Institute, Department of Breast and Endocrine Surgery, Japan)

奥野 潤 (大阪国際がんセンター乳腺・内分泌外科)

WS33-6 Evolution from Endoscopic to Robotic NSM: What Did We Gain and What Did We Lose?

Jeeyeon Lee (Department of Breast Surgery, Kyungpook National University Chilgok Hospital, South Korea)

Workshop 34 Sleeve Plus Bypass Procedure Suitable for Japanese Patients

日本人に必要なスリーブバイパスの術式

Chair Takashi Oshiro (Department of Surgery, The Jikei University school of Medicine)

大城 崇司 (東京慈恵会医科大学外科学講座)

Yosuke Seki (Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube)

関 洋介 (四谷メディカルキューブ減量・糖尿病外科センター)

WS34-1 Sleeve Plus for Japanese Patients: Single-Center Outcomes of DJB and SAS-J

日本人に必要なスリーブプラス：DJB と SAS-J の自施設成績

Kazunori Kasama (Yotsuya Medical Cube, Japan)

笠間 和典 (四谷メディカルキューブ)

WS34-2 Evolving Sleeve-Plus Procedures: Toward the Optimal Bypass Strategy for Japanese Patients

多様化するスリーブ・バイパス術～日本人に適したバイパスとは？～

Hirofumi Imoto (Department of Surgery, Tohoku University Graduate School of Medicine, Japan)

井本 博文 (東北大学消化器外科学)

WS34-3 SG-PJB: A Sleeve Plus Alternative for the Japanese Patients

日本人に対するスリーブプラスの選択肢としての SG-PJB

Taiki Nabekura (Department of Surgery, Toho University Sakura Medical Center, Japan)

鍋倉 大樹 (東邦大学医療センター佐倉病院)

WS34-4 Early Clinical Outcomes of Laparoscopic Sleeve Gastrectomy with Transit Bipartition (Jejunum): LSG TB-J

Laparoscopic sleeve gastrectomy with Transit Bipartition (Jejunum) :LSG TB-J の初期臨床成績

Fumihiko Hatao (Department of Surgery, Tokyo Metropolitan Tama Medical Center, Japan)

畑尾 史彦 (東京都立多摩総合医療センター消化器・一般外科)

Workshop 35 Current Status and Future Prospects of Robot-Assisted Hernia Repair

ロボット支援ヘルニア修復術の現状と展望

Chair Gen Shimada (Hernia center, St. Luke's International Hospital)

嶋田 元 (聖路加国際病院ヘルニアセンター)

Takuya Saito (Department of Upper Gastrointestinal Surgery, Kansai Medical University / Hernia and Functional Surgery Center, Kansai Medical University Medical Center)

齊藤 卓也 (関西医科大学上部消化管外科学講座／関西医科大学総合医療センター 腹部ヘルニア・機能外科センター)

- WS35-1 Robotic Inguinal Hernia Repair, Standardization and Training of Young Surgeons After Insurance Coverage**
 ロボット手術時代における鼠径ヘルニア修復術
 — 保険収載後に求められる標準化と若手外科医育成 —
 Tsukasa Tanida (Department of Gastroenterological Surgery, Higashiosaka City Medical Center, Japan)
 谷田 司 (市立東大阪医療センター)
- WS35-2 Current Status and Future Perspectives of Robot-Assisted Hernia Repair after Insurance Coverage**
 ロボット支援ヘルニア修復術の現状と展望：保険導入後の課題と提言
 Toshiro Tanioka (Department Gastrointestinal Surgery, Institute of Science Tokyo, Japan)
 谷岡 利朗 (東京科学大学消化管外科学分野)
- WS35-3 Current status and future perspectives of robotic inguinal hernia repair in Japan**
 ロボット支援鼠径部ヘルニア修復術の現状と今後の展望
 Nobuhiko Okamoto (Department of Surgery, Ageo Central General Hospital, Japan)
 岡本 信彦 (上尾中央総合病院消化器外科)
- WS35-4 Current Status and Future Perspectives of Robotic TAPP Based on Outcomes from Multiple Surgeons**
 複数術者による RTAPP 成績から考える現状と展望
 Sho Ueda (Division of Gastroenterological Surgery, Department of Surgery, Aichi Medical University, Japan)
 上田 翔 (愛知医科大学病院消化器外科)
- WS35-5 Robot-assisted repair of groin hernia with Da Vinci SP**
 Da Vinci SP によるロボット支援鼠径部ヘルニア修復術
 Kazuya Iwamoto (Department of Gastroenterological Surgery, Osaka Keisatsu Hospital, Japan)
 岩本 和哉 (大阪けいさつ病院消化器外科)

- WS35-6 Possibilities of Multi-Platform Robotic Surgery in Anticipation of Insurance Coverage for R-TAPP: Safety Assessment of the First 30 hinotori Cases
R-TAPP 保険収載を見据えた複数機種ロボット手術の可能性—hinotori 初期 30 症例の安全性検証をふまえて—

Shunsuke Hayakawa (Department of Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences, Japan)

早川 俊輔 (名古屋市立大学附属病院消化器・一般外科)

- WS35-7 Current Status of Nagoya Ekisaikai Hospital-Style Robot-Assisted Transabdominal Preperitoneal Inguinal Hernia Repair (RATPP)

名古屋えきさい会病院式ロボット支援鼠径ヘルニア修復術 (RTAPP) の現状

Fumitoshi Mizutani (Department of Surgery, Nagoya Ekisaikai Hospital, Japan)

水谷 文俊 (名古屋掖済会病院外科)

September 5 (Sat) Room 16 (Conference Center 3F 303)

8:00~9:30

Workshop 36 Utilizing AI in Minimally Invasive Surgery for Esophageal Cancer

食道癌内視鏡外科手術における AI の活用

Chair Yuko Kitagawa (Keio University)

北川 雄光 (慶應義塾)

Shinya Mikami (Department of Gastroenterology and General Surgery, St. Marianna University School of Medicine)

民上 真也 (聖マリアンナ医科大学消化器・一般外科)

- WS36-1 Development and Social Implementation of an AI Surgical Recognition Program for Esophageal Cancer Surgery

食道がん手術における AI 手術認識プログラムの開発と社会実装

Masashi Takeuchi (Department of Surgery, School of Medicine, Keio University, Japan / Direava inc., Japan)

竹内 優志 (慶應義塾大学医学部 / Direava 株式会社)

- WS36-2 Development of clinically useful Artificial Intelligence-Based Navigation for esophageal surgery

外科にとって有用な食道がん手術における人工知能 (AI) を用いたナビゲーション開発

Takeo Fujita (Division of Esophageal Surgery, National Cancer Center Hospital East, Japan)

藤田 武郎 (国立がん研究センター東病院食道外科)

- WS36-3 Anatomical Recognition AI in Esophageal Cancer Surgery: Skill Improvement via AI Feedback

食道癌手術における解剖認識 AI の活用—AI フィードバックによる手技向上効果

Kenichi Ishibayashi (Department of Gastrointestinal Surgery, Kanazawa University Hospital, Japan)

石林 健一 (金沢大学附属病院消化管外科)

- WS36-4 Potential of EUREKA as a navigation tool in endoscopic surgery for esophageal cancer**
 食道癌手術において EUREKA がナビゲーションとなる可能性
 Shintaro Okumura (Department of Gastrointestinal Surgery, Kyoto University, Kyoto, Japan)
 奥村慎太郎 (京都大学消化管外科)
- WS36-5 Current Status and Future Perspectives of AI in Robot-Assisted Esophageal Cancer Surgery -Optimizing Surgical Approach Selection and Surgical Technique, Including the Hi-UP Approach-**
 ロボット支援食道癌手術における AI 活用の現状と展望
 — Hi-UP アプローチを含む術式選択と手技最適化 —
 Takeshi Omori (Department of Gastrointestinal Surgery, Osaka International Medical and Science Center, Osaka Keisatsu Hospital, Japan)
 大森 健 (大阪国際メディカル&サイエンスセンター大阪けいさつ病院消化器外科)
- WS36-6 The Utility of EUREKA in Outermost Layer-Oriented Esophagectomy for Esophageal Cancer**
 Outermost layer-oriented approach による食道癌手術における EUREKA の有用性
 Masaya Nakauchi (Department of Advanced Robotic and Endoscopic Surgery, Fujita Health University, Japan)
 中内 雅也 (藤田医科大学先端ロボット・内視鏡手術学)

September 5 (Sat) Room 16 (Conference Center 3F 303)

12:40~14:10

Workshop 37 Tips for Minimally Invasive Surgery in Far-Advanced Esophageal Cancer

高度進行食道癌に対する内視鏡手術のコツ

Chair Yuichiro Doki (Department of Surgery, Osaka General Medical Center)
 土岐祐一郎 (大阪急性期・総合医療センター外科)

Yoshifumi Baba (Department of Gastrointestinal Surgery, The University of Tokyo)

馬場 祥史 (東京大学消化管外科)

- WS37-1 Technical Strategies and Extended Resection in Robot-assisted esophagectomy for cT4 Esophageal Cancer**
 cT4 食道癌に対するロボット手術の Tips と拡大手術への応用
 Tomoki Makino (Department of Gastroenterological Surgery, Graduate School of Medicine, The University of Osaka, Japan)
 牧野 知紀 (大阪大学)
- WS37-2 Tips and Outcomes of Conversion Surgery for Locally Advanced Esophageal Cancer (cT3br/T4) at Initial Presentation**
 初診時 cT3br/T4 局所進行食道癌に対するコンバージョン手術のコツと成績
 Takeo Fujita (Division of Esophageal Surgery, National Cancer Center Hospital East, Japan)
 藤田 武郎 (国立がん研究センター東病院食道外科)

- WS37-3 Short-term Outcomes of Robot-assisted Salvage Esophagectomy**
サルベージ食道切除術におけるロボット支援下アプローチの短期成績
Ryouta Kakuta (National Cancer Center Hospital, Department of Esophageal Surgery, Japan)
角田 龍太 (国立がん研究センター中央病院食道外科)
- WS37-4 Efficacy of Robot-Assisted Esophagectomy in Advanced Esophageal Cancer**
高度進行食道癌に対するロボット支援下食道切除術の有用性
Hijiri Matsumoto (Department of Gastroenterological Surgery, Okayama University Hospital, Japan)
松本 聖 (岡山大学病院消化器外科学)
- WS37-5 Minimally Invasive Esophagectomy as Conversion Surgery for Locally Advanced Esophageal Cancer**
切除不能局所進行食道癌に対する低侵襲 Conversion 食道切除の成績と手技のコツ
Tetsuya Abe (Department of Gastroenterological Surgery, Aichi Cancer Center, Japan)
安部 哲也 (愛知県がんセンター消化器外科)
- WS37-6 Efficacy of Preoperative Chemoradiotherapy and Minimally Invasive Surgery for Advanced Esophageal Cancer**
高度進行食道癌に対する術前化学放射線療法と鏡視下手術の有用性
Kazushi Miyata (Division of Gastrointestinal Surgery Department of Surgery Nagoya University Hospital, Japan)
宮田 一志 (名古屋大学医学部附属病院消化器・腫瘍外科)
- WS37-7 Technical tips for thoracoscopic conversion surgery in Stage IVA locally advanced esophageal cancer**
Stage IVA 局所進行食道癌に対する胸腔鏡下 conversion 手術の工夫
Kohei Kanamori (Department of Gastroenterological Surgery, School of Medicine, Tokai University, Japan)
金森 浩平 (東海大学医学部附属病院消化器外科)

Medical-Industrial Partnership Promotion Session / 医工連携セッション

September 3 (Thu) Room 12 (Conference Center 4F 418)

9:00~10:30

Medical-Industrial Partnership Promotion Session 1 Reimagining Healthcare Through Partnership — The New Mindset Surgeons Need

JSES-JSCAS ジョイントセッション 医療を変えるパートナーシップ — 外科医
に求められる視点とは？

Chair Nobuyoshi Takeshita (Division of Surgical Technology, National
Cancer Center)

竹下 修由 (国立がん研究センター手術機器開発分野)

Sachiyo Nishida (Urology/ Patient Safety and Hospital
Administration, Sapporo Medical University)

西田 幸代 (札幌医科大学泌尿器科 / 医療安全・病院管理学)

Munenori Uemura (Division of Biomedical Engineering, Faculty of
Advanced Science and Technology, Kumamoto
University)

植村 宗則 (熊本大学大学院先端科学研究部医工学部門)

MIPP1-1 Reimagining value based healthcare: What surgeon-industry partnerships can deliver

バリューベースヘルスケアの実現を目指して：グローバルヘルスケア企業と外科医の
パートナーシップ

Imari Deura (Johnson & Johnson MedTech)

出浦伊万里 (ジョンソン・エンド・ジョンソン メドテック)

MIPP1-2 A Desired Mindset for Surgeons Engaged in Biomedical Engineering Research 医工学研究で外科医に求めたいマインドセット

Tatsuhiko Arafune (Electronic Information Engineering, School of Science and
Engineering, Tokyo Denki University, Japan)

荒船 龍彦 (東京電機大学理工学部電子情報工学系)

MIPP1-3 Mindsets Required of Surgeons and Engineers in Medical Device Development 医療機器開発で外科医と開発者に求められるマインドセット

Hiroaki Kitatsuji (Medicaroid Corporation, Japan)

北辻 博明 (株式会社メディカロイド)

MIPP1-4 Partnerships in Medical Device Development: Capital & Commercialization for Surgeon

医療機器開発におけるパートナーシップの本質 — 起業を目指す外科医が知るべき資本
と事業化

Kumi Sakurai (Premo Partners, Inc., Japan)

桜井 公美 (プレモパートナー株式会社)

Medical-Industrial Partnership Promotion Session 2**Special Edition: Best of the “Medical Device Development by Surgeons”**

特別編：Best of シリーズ「外科医による医療機器開発」

Chair Taishi Hata (Department of Next Generation Endoscopic Intervention,
Osaka University Graduate School of Medicine /
Department of Gastroenterological Surgery, Osaka
General Medical Center)

畑 泰司 (大阪大学大学院医学研究科次世代内視鏡治療学共同研究講座／大阪
急性期・総合医療センター消化器外科)

Ryuichi Waseda (Department of General Thoracic and Breast
Surgery, Fukuoka University Chikushi Hospital)

早稲田龍一 (福岡大学筑紫病院呼吸器・乳腺外科)

**MIPP2-1 From “Making” to “Spreading”: Market Establishment of Domestic Devices and
Proposal for a Next-Generation Dissemination Support System - Based on Tracking
Developed Products**

「作る」から「広める」へ：国産機器の市場定着と次世代への普及支援システム提言
－開発品の実績追跡より

Junichi Shimada (Graduate School of Health Nursing, Kyoto Prefectural University of
Medicine, Japan)

島田 順一 (京都府立医科大学大学院保健看護学研究科)

**MIPP2-2 The Journey to Being Selected for AMED’s Next-Generation Health Tech Startup
Incubation Support Program and Subsequent Developments**

AMED 次世代ヘルステック・スタートアップ育成支援事業に採択されるまでの道のり
とその後の展開

Yusuke Sato (Department of Esophageal Surgery, Akita University Hospital, Japan)

佐藤 雄亮 (秋田大学医学部附属病院食道外科)

**MIPP2-3 Development and Follow-up of the Flexible Hook Needle Holder and Sterile
Transparent Storage Bag**

フレキシブルフック持針器と滅菌透明情報端末収納袋の開発とその後

Nobuyuki Sakurazawa (Department of Gastroenterological Surgery, Nippon Medical
School, Japan)

櫻澤 信行 (日本医科大学付属病院)

**MIPP2-4 Effectiveness of Preoperative Training Using the LPEC Simulator and Global
Expansion**

LPEC シミュレータ開発による執刀前トレーニングの有効性と世界展開

Masakazu Murakami (Department of Pediatric Surgery, Hokkaido Medical Center for
Child Health and Rehabilitation, Japan / Department of Pediatric
Surgery, Kagoshima University, Japan)

村上 雅一 (北海道立子ども総合医療・療育センター小児外科／鹿児島大学学術研究院医
歯学域医学系小児外科学分野)

MIPP2-5 Development of Ultra-Fine High-Performance Forceps for Endoscopic and Robotic Surgery

内視鏡・ロボット手術における極細径・高機能鉗子の開発

Yuichi Okata (Division of Pediatric Surgery, Department of Surgery, Kobe University Graduate School of Medicine, Japan / Division of Minimally Invasive Surgery, Department of Surgery, Kobe University Graduate School of Medicine, Japan)

大片 祐一 (神戸大学医学部附属病院小児外科 / 神戸大学大学院医学研究科外科学講座低侵襲外科学分野)

MIPP2-6 Surgeon-Led Development of an Endoscope Cleaning System and Its Subsequent Progression: Transition to a Specified Clinical Trial

外科医主導による内視鏡洗浄システムの開発とその後の展開：特定臨床研究への移行

Tomohiro Obata (Medical-Engineering Hybrid Professional Development Program, Graduate School of Biomedical Sciences, Nagasaki University / Department of Surgery, Nagasaki University Hospital)

小畑 智裕 (長崎大学医歯薬総合研究科ハイブリッド医療人育成コース / 長崎大学病院外科学講座)

MIPP2-7 Surgeon-Led Medical Device Development and Social Implementation: The Development of Vas Guide and Its Subsequent Journey

外科医主導で実現した医療機器開発と社会実装：Vas Guide 開発の軌跡とその後

Yutaro Sasaki (Department of Urology, Tokushima University Graduate School of Biomedical Sciences, Japan)

佐々木雄太郎 (徳島大学大学院医歯薬学研究部泌尿器科学分野)

Medical-Industrial Partnership Promotion Session 3

Globalizing Innovative Medical Devices: Lessons from Success Stories

新規医療機器の国際展開 成功例に学ぶ

Chair Toshiaki Shichinohe (Gastroenterological Surgery II, Hokkaido University / Center for Education Research & Innovation of Advanced Medical Technology, Hokkaido University Hospital)

七戸 俊明 (北海道大学消化器外科学教室 II / 北海道大学病院先端医療技術教育研究開発センター)

Yuichi Endo (Department of Gastroenterological and Pediatric Surgery, Oita University)

遠藤 裕一 (大分大学消化器・小児外科)

Commentator Fumiaki Ikeno (Stanford University, United States)

池野 文昭 (Stanford University, United States)

Masaaki Ito (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East)

伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病院医療機器開発推進部門)

MIPP3-1 (Keynote Lecture)

Entrepreneurship Education at Stanford University School of Medicine
スタンフォード大学医学部におけるアントレプレナーシップ教育

Fumiaki Ikeno (Stanford University, United States)

池野 文昭 (Stanford University, United States)

MIPP3-2 Outlook on Medical Device Development: Insights from Experience in Both Startup Management and AMED Project Management

「スタートアップ起業」と「AMED 事業運営」の両軸の経験から考察する医療機器開発の展望

Masaaki Ito (Department of Colorectal Surgery, National Cancer Center Hospital East, Japan / Department for the Promotion of Medical Device Innovation, National Cancer Center Hospital East, Japan)

伊藤 雅昭 (国立がん研究センター東病院大腸外科 / 国立がん研究センター東病院医療機器開発推進部門)

MIPP3-3 Global Expansion of EUREKA EUREKA の国際展開

Nao Kobayashi (Anaut Inc., Japan)

小林 直 (アナウト株式会社)

**MIPP3-4 Development and Global Expansion of AI Navigation in Esophageal Cancer Surgery:
The Journey of a Surgeon-Led Startup**

食道がん手術 AI ナビゲーションの開発と国際展開：現役外科医スタートアップの軌跡

Masashi Takeuchi (Department of Surgery, School of Medicine, Keio University, Japan)

竹内 優志 (慶應義塾大学医学部)

**MIPP3-5 Experience of developing surgical devices in the North American market using
Japan-based plus-charged micro-nanobubble technology and minimal electrical
discharge machining technology**

**日本発プラス帯電性マイクロナノバブル技術と最小放電加工技術による外科機器開発の
北米市場展開に学ぶ**

Takeshi Ohdaira (Institute for Solid State Physics, Tokyo University, Japan)

大平 猛 (東京大学物性研究所)