BIOGRAPHICAL SKETCH

NAME
Nakajima, Kiyokazu

DOB/CITIZENSHIP
February 5, 1965, Japan

POSITION/TITLE

Professor

Department of Next Generation Endoscopic Intervention
Graduate School of Medicine, The University of Osaka

Department of Gastroenterological Surgery
Graduate School of Medicine, The University of Osaka

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1-3, Yamadaoka, Suita, Osaka 565-0871, Japan
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Email: knakajima@gesurg.med.osaka-u.ac.jp

EDUCATION

INSTITUTION AND LOCATION	DEGREE	YEAR	FIELD OF STUDY
The University of Osaka Medical School, Osaka, Japan	M.D.	1992	Medicine
The University of Osaka Graduate School of Medicine, Osaka, Japan	Ph.D.	1999	Gastrointestinal wound healing

Post-Graduate Training:

1992 – 1993 Internship, General, Thoracic and Cardiovascular Surgery, Osaka University Hospital, Osaka, Japan
1993 – 1995 Residency, General Surgery, Nissay Hospital, Osaka, Japan
1999 – 2001 Fellowship, Pediatric/Endoscopic Surgery, Osaka University Hospital, Osaka, Japan

Licensure and Board Certification:

1992 Physician's License in Japan, Registration No. 347810
1995 Board Certified Surgeon, Japan Surgical Society, Registration No. 11553
2006 Laparoscopic Skill Certification, Japan Society for Endoscopic Surgery, Registration No. 06-GS-098
2007 Certified Instructor, Japanese Board of Cancer Therapy, Registration No. 0707769
2007 Certified Clinical Educator in Residency Program, Japanese Ministry of Health, Labor and Welfare
2008 Board Certified Surgeon, Japan Society of Gastroenterological Surgery, Registration No. 3004046
2008 Board Certified Surgical Oncologist, Japan Society of Gastroenterological Surgery, Registration No. 3911
2008 Board Certified Cancer Therapist, Japanese Board of Cancer Therapy, Registration No. 07200505
2008 Board Certified Gastroenterologist, the Japanese Society of Gastroenterology, Registration No. 31101

2008 Board Certified Supervisory Surgeon, Japan Surgical Society, Registration No. S008469
2012 Board Certified Supervisory Surgeon, Japan Society of Gastroenterological Surgery, No. 5321

Professional Organizations and Societies:

1992 – Member, Japan Surgical Society (JSS)
1993 – Member, Japanese Society of Gastroenterological Surgery
1995 – Member, Japan Society for Endoscopic Surgery (JSES)
1995 – Member, Japanese Society of Pediatric Surgeons
1997 – Member, International Pediatric Endosurgery Group (IPEG)
1999 – International Member, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
2003 – Member, Japan Society of Coloproctology
2003 – Council Member, Japan Society for Endoscopic Surgery
2007 – Member, Japan Society of Computer Aided Surgery
2007 Executive Secretary, 20th Kinki Society for Endoscopic Surgery (held in Osaka, September 8, 2007)
2007 – Working Member, Japan Working Group of Natural Orifice Translumenal Endoscopic Surgery (JWNOTES)
2008 – Council Member, Japan Surgical Society Kinki Chapter
2008 – International Board Member, the New European Surgical Academy (NESA)
2008 – International Faculty, World Institute for Digestive Endoscopy Research (WIDER)
2010 – Working Member, Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR)
2010 – Fellow of American College of Surgeons (FACS)
2010 – Principal Investigator, Japan SPACE Study Group
2011 Faculty, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
2011 Faculty, International Congress of Endoscopy (ICE)
2011 – International Member, European Association for Endoscopic Surgery (EAES)
2011 – Council Member, Japan TANKO society
2012 Program Co-director, SPACE LAB Kansai Workshop
2012 – Council Member, Japan NOTES
2012 – Scientific Advisory Board, EndoMaster Pte. Ltd, Singapore
2013 – Council Member, Japan LECS (laparoscopy endoscopy cooperative surgery) Society
2013 – Council Member, Japan Society of Gastroenterological Surgery
2013 – Council Member, Japanese Forum for Study of the Stomach
2013 – 2019 Member, Medical Engineering Collaboration Committee, Japan Society for Endoscopic Surgery (JSES)
2013 Executive Secretary, 7th Japan NOTES meeting
2013 Program Committee Member, Japan Society for Endoscopic Surgery (JSES)
2015 Program Committee Member, Japan Society for Endoscopic Surgery (JSES)
2015 – Chief Director, Healthcare Engineering using Appropriate and Realistic Technologies (HEART) Foundation
2015 – International Advisory Board for ValueBiotech S.R.L., Italy
2016 – Clinical Advisory Board, Lumendi Ltd., United Kingdom
2016 – Council Member, Working Group on Data Collection and Utilization of Medical Device, Next Generation Medical ICT Foundation Council, Cabinet Secretariat Office of Healthcare Policy
2016 – 2020 Member, Technology Committee, European Association for Endoscopic Surgery (EAES)
2016 Chairman, Future Committee, Japan Consortium of Advanced Surgical Endoscopy (J-CASE)
2017 – Member, Industry-Academia-Government Collaboration Committee, Japan Gastroenterological Endoscopy Society (JGES)
2017 Member, Program Committee, Japan Society for Endoscopic Surgery (JSES)
2017 – Expert, ISO 215/WG2 “Health Informatics” JISC Task Force
2017 Director, JSES Medtech Initiative (JMI) program, Japan Society for Endoscopic Surgery (JSES)
2017 Program Committee Member, Japan Surgical Society (JSS)
2018 – Council Member, Japan Needlescopic Surgery Meeting
2018 International Scientific Committee member, Society for Medical Innovation and Technology (SMIT)
2018 – 2020 Evaluation Committee Member, “Advanced Diagnosis and Treatment Systems by AI-Hospital”, Cross-ministerial Strategic Innovation Promotion Program (SIP), Cabinet Office, Government of Japan
2018 – Adviser, Medical Engineering Collaboration Committee, Japan Society for Endoscopic Surgery (JSES)
2019 – Innovation and Technology Committee member, Endoscopic and Laparoscopic Surgeons of Asia (ELSA)
2019 Faculty, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
2019 – Steering Committee Member, international Society for Minimally Invasive Therapy (iSMIT)
2019 Program Committee Member, World Congress of Endoscopic Surgery (WCES)

2019 Program Committee Member, Japan Surgical Society (JSS)
2020 Committee Member, World Endoscopy Organization (WEO)
2021 Evaluation Committee Member, Research Grants Council (RGC) of Hong Kong
2021 – External reviewer, Kobe Vision for the Healthcare of Tomorrow Committee, Kobe, Japan
2022 – Member, Technology Committee, European Association for Endoscopic Surgery (EAES)
2022 – Member, InnoHK Scientific Committee, Innovation & Technology Commission, The Government of the Hong Kong Special Administration Region, Hong Kong, China
2023 – Member, Advisory Board for the Doctorate College in Bioengineering and Medical Surgical Science, Politechnico di Torino, Turin, Italy
2023 – President, Japan Consortium for Advanced Surgical Endoscopy (J-CASE)
2024 – External Expert, Japan International Cooperation Agency (JICA)
2024 – Advisory Board Member, Innovations in Global Surgery (IGS)
2025 International program committee member, The international Society for Medical Innovation and Technology(iSMIT)

Editorial Board Member:
2019 – Minimally Invasive Therapy & Allied Technologies (MITAT)
2023 – Editorial Board Member, Surgical Endoscopy
2025 – Subject Editor, Surgical Endoscopy

Academic Appointments:
2001 – 2002 Visiting Fellow in Surgery, Department of Surgery,
Weill Medical College of Cornell University, New York, NY, USA
2002 – 2003 Postdoctoral Associate in Surgery, Department of Surgery,
Weill Medical College of Cornell University, New York, NY, USA
2002 – 2003 Instructor, Minimal Access Surgery Center
New York - Presbyterian Hospital, New York, NY, USA
2005 – 2006 Visiting Lecturer, Department of Surgery
Osaka University Graduate School of Medicine, Osaka, Japan
2006 – 2012 Assistant Professor of Surgery, Department of Surgery,
Osaka University Graduate School of Medicine, Osaka, Japan
2010 – Lecturer, Osaka University Medical School, Osaka, Japan
2012 – Associate Professor, Department of Surgery,
Osaka University Graduate School of Medicine, Osaka, Japan
2012 – 2019 Professor, Division of Next Generation Endoscopic Intervention
Global Center for Medical Engineering and Informatics, Osaka University, Osaka, Japan
2019 – Professor, Department of Next Generation Endoscopic Intervention
Osaka University Graduate School of Medicine, Osaka, Japan

Hospital Appointments:
1995 Staff Surgeon, General Surgery, Nissei Hospital, Osaka, Japan
1996 Staff Surgeon (Junior), Pediatric Surgery, Osaka University Hospital, Osaka, Japan
1999 – 2001 Staff Surgeon (Senior), Pediatric Surgery, Osaka University Hospital, Osaka, Japan
2003 Assistant Attending Surgeon, Gastroenterological Surgery, Osaka University Hospital, Osaka, Japan
2004 – 2006 Attending Surgeon, General Surgery, Osaka Rosai Hospital, Osaka, Japan
2005 – 2006 Chief, Section of Colon and Rectal Surgery, Osaka Rosai Hospital, Osaka, Japan
2005 – Vice-Chair, Endoscopic Surgery Training Course, Osaka University Hospital, Osaka, Japan
2006 – Attending Surgeon, Gastroenterological Surgery, Osaka University Hospital, Osaka, Japan

Honors:
2001 Award from Shinya International Researchers' Exchange Foundation, Osaka, Japan
2005 Award for Excellence in Clinical Research from Ichou Foundation (Osaka University Alumni Association)
2006 Award from Yamamoto Memorial Grant Foundation, Osaka, Japan
2007 Award from CASIO Science Promotion Foundation, Tokyo, Japan
2008 Award from Japanese Foundation for Research and Promotion of Endoscopy, Tokyo, Japan
2008 Award from Takeda Science Foundation, Tokyo, Japan
2008 NOSCAR™ Olympus Research Award, ASGE, USA

2009 Crystal Award, DDW, Chicago, USA
2011 Japan NOTES Research Award
2012 Japan NOTES Research Award
2013 Award from Yamamoto Memorial Grant Foundation, Japan
2013 Japan NOTES Research Award
2013 MEDEC Innovation Award, Challenge Award, Japan
2013 Monozukuri Nippon Grand Award, the Special Prize, The Ministry of Economy, Trade and Industry, Japan
2014 Osaka University Presidential Award
2014 Special Award, the Resona Foundation for Small and Medium Enterprise Promotion Award 2014, Japan
2018 Ohgami Award, Japan Society for Endoscopic Surgery
2019 Ozawa Prize for a Surgeon with the Most Outstanding Academic Achievement, Osaka University
2020 Good Design Award, METI, Japan
2021 Distinguished Service Award, METI Kansai Bureau of Economy, Trade and industry, Japan
2022 Authorship Award, Japanese Society of Medical Instrumentation
2023 Award, Furukawa Medical & Welfare Foundation
2023 Best Doctors®, The Best Doctors in Japan
2024 Top Cited Article 2022-2023, WILEY Publishing
2025 Excellence Award,Medical & Industry Co-Creation Award JAPAN,The Osaka Chomber of Commerce and Industry
2026 Best Doctors®, The Best Doctors in Japan

Grant Supports:

2003 – 2005 Principal investigator, Carbon dioxide insufflating endoscopy and its physiological impact on intestinal blood flow; Approved; $10,000 per year; Olympus Medical Systems, Tokyo, Japan

2004 – 2008 Principal investigator, Use of fibrin-collagen bioglue as drug delivering system in GI tract surgery; $10,000 per year; CSL Behring, Tokyo, Japan

2006 – 2007 Principal investigator, New stapling technique in laparoscopic surgery; $10,000 per year; Ethicon Endo-surgery Japan, Johnson & Johnson, Tokyo, Japan

2007 – 2008 Principal investigator, A structured endoscopic surgical training program designed for rotating residents; $35,000; Grant from Japanese Society for Promotion of Sciences (#19591482)

2007 Principal investigator, Construction of new endoscopic surgery training program specifically designed for new postgraduate training system; $15,000; Educational Grant; Yamamoto Memorial Grant Foundation

2007 Principal investigator, Randomized trial on drain site dressing techniques; $5,000, Johnson & Johnson KK Japan, Tokyo, Japan

2007 Principal investigator, Educational Grant for Foreign Researchers' Exchange Program; $5,000; The Sumitomo Trust & Banking Co. Ltd., Tokyo, Japan

2007 Principal investigator, Development of intelligent operating table equipped with the real-time pressure sensing system; $10,000; Grant from CASIO Science Promotion Foundation, Tokyo, Japan

2008 Principal investigator, Feasibility and safety study of CO2 feeding gastrointestinal endoscopy for patients with inflammatory bowel diseases; $5,000; Grand from The Japanese Foundation for Research and Promotion of Endoscopy, Tokyo, Japan

2008 Principal investigator, Research Grant for Foreign Researchers' Exchange Program; $5,000; Goho Life Sciences International Fund, Tokyo, Japan

2008 Principal investigator, Development of insufflating guide wire system for NOTES; $25,000; Grant from Hakko Medical Co., Ltd, Nagano, Japan

2008 Principal investigator, Development of novel transgastric overtube with dilating tip; Research Grant; $20,000; Takeda Science Foundation, Tokyo, Japan

2008 Principal investigator, Comprehension of current limitations in endoscopic automatic CO2 insufflation: towards pure NOTES; Research Grant; $24,750; Natural Orifice Surgery Consortium for Assessment and Research™ (NOSCAR™), USA

2009 Principal investigator, Development of transvaginal overtube system and its accessories; $15,000; Grant from Top Co., Ltd, Tokyo, Japan

2009 Principal investigator, Safety of new vessel sealing system (EnSeal) on calcified vessels; $7,000; Grant from Kobayashi Medical Co., Ltd., Osaka, Japan

2009	Principal investigator, Development of new draping system to keep flexible endoscopic tools sterilized during NOTES procedures, $5,000; Grant from Cardinal Health Japan, Tokyo, Japan
2009	Principal investigator, Impact of Dai-Ken-chu-To on parietal blood flow of segmental bowel: Two-dimensional laser Doppler imaging study; $20,000; Grant from Tsumura & Co., Tokyo, Japan
2009	Principal investigator, Comparison of two different PICC systems (RCT); $20,000; Grant from Nippon Sherwood - Covidien, Tokyo, Japan
2009	Principal investigator, Anatomical measurement to optimize transvaginal NOTES instrumentation; $12,000; Grant from Japan NOTES
2009 – 2011	Principal investigator, Role of CO2-insufflating GI endoscopy for patients with inflammatory bowel diseases; $40,000; Grant from Japanese Society for Promotion of Sciences (#21591724)
2009 – 2012	Principal investigator & project leader, Project “ENGINE” (Endeavors for Next Generation of INterventional Endoscopy); approx. $3,500,000; National R&D Grant from Ministry of Economy, Trade and Industry, Japan
2010	Principal investigator, “Next generation over-tube system”; approx. $20,000 Grant from Ikegin consocium research and development fund, Osaka, Japan
2010	Principal investigator, Development of automatic smoke evacuation system for advanced endoscopic procedures; $3,000; AMCO Co., Ltd, Tokyo, Japan
2011	Principal investigator, Development of dedicated insufflating system for GI tract; $125,000; Fujifilm, Tokyo, Japan
2011	Principal investigator, Mechanism responsible for maintenance of steady pressure environment in the gastrointestinal tract; $12,000; Grant from Japan NOTES
2012 – 2014	Principal investigator & project leader, Project “ENGINE” (Endeavors for Next Generation of INterventional Endoscopy) for Program to Support Development of Medical Equipment and Devices to Solve Unmet Medical Needs, Kansai Innovation Special Zone; approx. $1,025,000; National R&D Grant from Ministry of Economy, Trade and Industry, Japan
2012	Principal investigator, Preclinical evaluation of trans-phrenic peritoneoscopy and omentopexy; $12,000; Grant from Japan NOTES
2013	Principal investigator, Construction of practical IP training program specifically designed for medical/engineering researchers; $25,000; Educational Grant; Yamamoto Memorial Grant Foundation
2013 – 2015	Co-Principal investigator, MASTER-SPACE endoscopic full thickness gastric resection in porcine model: a feasibility study. approx. $60,000; JSPS Bilateral Joint Research Projects (Matched grant b/w Japan and Singapore)
2013 – 2016	Principal investigator, Role of automatic, pressure-regulated insufflation in endoscopic management of gastric perforation; $50,000; Grant from Japanese Society for Promotion of Sciences (#25350566)
2013	Principal investigator, On-site diagnosis of peritoneal surface malignancies using p-CLE powered by 5-ALA imaging; $12,000; Grant from Japan NOTES
2013 – 2014	Principal investigator & project leader, Project “ENGINE” (Endeavors for Next Generation of INterventional Endoscopy) for Kansai Innovation Special Zone (2nd year); approx. $625,000; National R&D Grant from Ministry of Economy, Trade and Industry, Japan
2013 – 2014	Co-investigator, Development of innovative medical devices for minimally invasive surgery; $8,000; The National Cancer Center Research and Development Fund (25-A-8), Japan
2013 – 2014	Co-investigator, Development of application device for new hemostatic agent TDM-621; $180,000; National Grant for Promotion of “Monozukuri,” Shiga Prefectural Federation of Small Business Associations, Japan
2013 – 2014	Co-investigator, Development of new device holder for laparoscopic instruments; $180,000; National Grant for Promotion of “Monozukuri,” Osaka Prefectural Federation of Small Business Associations, Japan
2013 – 2014	Co-investigator, Development of built-in software for tissue conductance meter for early detection of inflammatory diseases; $180,000; National Grant for Promotion of “Monozukuri,” National Federation of Small Business Associations, Japan
2014 – 2016	Principal investigator, Tissue Conductance Meter; approx. $73,000; Takahashi Industrial and Economic Research Foundation, Japan
2014 – 2018	Co-investigator, Development of flexible robots using multi-channel overtube, enhanced by steady pressure insufflation; approx. $100,000; New Energy and Industrial Technology Development Organization (NEDO), Japan

2014 – 2015	Principal investigator, Development of surgical gown wearable without aid by circulating nurse; approx. $320,000; Strategic Foundational Technology Improvement Support Operation, Ministry of Economy, Trade and Industry, Japan
2014	Co-investigator, Optimization of “Ideathon” and “Hackathon” for medical device R&D; approx. $50,000; Promotion of Academia-Industry-Government Collaboration for Regional Technology Development, Ministry of Education, Culture, Sports, Science and Technology, Japan
2014	Co-investigator, Development of suction monopolar electrocautery hand piece; $150,000; National Grant for Promotion of "Monozukuri", Shiga Prefectural Federation of Small Business Associations, Japan
2014	Co-investigator, Clinical search of functional disorder of residual stomach, especially production of gastroesophageal regurgitation; $94,000; National Grant for Promotion of "Monozukuri", Astra Zeneka Research Grant, Japan
2014 – 2016	Principal investigator, Research on Development of New Medical Devices; approx. $ 408,000; Japan Agency for Medical Research and Development, Japan
2014 – 2018	Principal investigator, Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan; approx. $82,000; Japan Agency for Medical Research and Development, Japan
2015 – 2016	Co-investigator, Development of needlescopic surgical swab; $24,000; National Grant for Promotion of “Monozukuri,” Osaka Prefectural Federation of Small Business Associations, Japan
2016	Principal investigator, Feasibility Study of International Standardization Project. $77,000; Ministry of Economy, Trade and Industry, Japan
2016 – 2017	Principal investigator, “Development of size variable asymmetrical high frequency snare”; approx. $180,000; National Grant for Promotion of “Monozukuri,” National Federation of Small Business Associations, Japan
2016	Co-investigator, Standardization of “Japanese style difficult endoscopic treatment and development of multifunctional tool which accelerates international expansion”. $74,000; National Grant for Promotion of "Monozukuri", Shiga Prefectural Federation of Small Business Associations, Japan
2017	Co-investigator, “Project of “WHO prequalification”; approx. $31,000; National Grant for Ministry of Health, Labor and Welfare, Japan
2017 – 2019	Principal investigator, “International Standardization Project”; approx. $338,700; Ministry of Economy, Trade and Industry, Japan
2018 – 2020	Co-investigator, “Development of Soft-Bipolar Coagulation-Dissection forceps”; approx. $876,300; Strategic Foundational Technology Improvement Support Operation, Ministry of Economy, Trade and Industry, Japan
2019 – 2024	Principal investigator, “Support Program on Collaborative Innovation Networks for Medical Device”; approx. $470,000; Japan Agency for Medical Research and Development, Japan
2019 – 2020	Principal investigator, “Project to promote acquiring WHO pre-certification on medical devices and running the product information on WHO’s list on the recommended health and medical related equipment for developing countries”, approx. $75,000; Ministry of Health, Labor and Welfare, Japan
2020	Project Leader, “Face Shield Project”; approx. $340,000 (Crowdfunding)
2020	Principal Investigator, “Viral Infectious Disease Control Technology”; approx. $190,000 Japan Agency for Medical Research and Development, Japan
2021	Advisor, “Japan Brand Development Project”; approx. $40,000; the Small and Medium Enterprise Agency
2022 – 2025	METI R&D Support Program for Growth-oriented Technology SMEs; approx. $320,000; the Small and Medium Enterprise Agency
2023	Innovation Producer, Support Program for R&D of Growing Small and Medium Enterprises (SMEs), approx.$202,000, the Small and Medium Enterprise Agency
2023	Principal investigator, “Project to promote acquiring WHO pre-certification on medical devices and running the product information on WHO’s list on the recommended health and medical related equipment for developing countries”, approx. $59,000; Ministry of Health, Labor and Welfare, Japan
2023	Principal investigator, “Project to promote acquiring WHO pre-certification on medical devices and running the product information on WHO’s list on the recommended health and medical related equipment for developing countries”, approx. $78,000; Ministry of Health, Labor and Welfare, Japan
2023	Country-specific Training Program; approx. $138,000; Japan International Cooperation Agency (JICA)
2024	Innovation Producer, Support Program for R&D of Growing Small and Medium Enterprises(SMEs), approx.$207,000, the Small and Medium Enterprise Agency

2024 Subsidized project representative, “Project to strengthen industrial promotion bases related to the creationof excellent medical devices”; approx. $128,000; Japan Agency for Medical Research and Development, Japan

2024-2025 METI R&D Support Program for Growth-oriented Technology SMEs; approx. $769,000; the Small and Medium Enterprise Agency (Go-Tech Business)

2025 Innovation Producer, Support Program for R&D of Growing Small and Medium Enterprises (SMEs) ; approx.$201,000, the Small and Medium Enterprise Agency

2025 Subsidized project representative, “Project to strengthen industrial promotion bases related to the creation of excellent medical devices”; approx. $140,000; Japan Agency for Medical Research and Development, Japan

2026-2028 METI R&D Support Program for Growth-oriented Technology SMEs; approx. $598,740; the Small and Medium Enterprise Agency (Go-Tech Business)

Reviewer in international peer reviewed journals:
Asian Journal of Endoscopic Surgery
Annals of Surgery
Digestive Endoscopy
Diseases of the Esophagus
Esophagus
Gastric Cancer
International Journal of Intelligent Computing in Medical Sciences and Image Processing
International Journal of Surgery Case Reports
Minimally Invasive Therapy & Allied Technologies (Editorial Board Member)
Surgical Laparoscopy, Endoscopy & Percutaneous Techniques
Surgical Endoscopy (Editorial Board Member)
Surgical Oncology
Surgery Today

Departmental and University Committees:
1996 – 2001 Osaka University Hospital Endoscopic Surgery Committee
2003 – present Osaka University Endoscopic Surgery Training Working Group
2003 – present Osaka University Robotic Surgery Committee
2006 – present Osaka University Colon and Rectal Diseases Study Group
2008 – present Osaka University Hospital Operating Room Committee
2008 – present Osaka University Endoscopic Surgery Multicenter Study Working Group
2010 – 2013 Osaka University Hospital CVC manager
2012 – 2019 Osaka University MEI Center Council Member

Invited Lectures and Grand Rounds
(including Surgical Courses, Seminars, as Speaker, Course Director, or Moderator):

12/11/1998 Speaker: “Current aspects of endoscopic surgery in children” presented at Surgical Grand Rounds, Nihon University School of Medicine Auditorium, Tokyo, Japan

06/09/1999 Course Director: “Animate Lab for Surgical Residents at Osaka University and Nihon University” held at Ethicon ESI, Sukagawa, Fukushima, Japan

09/09/2000 Speaker: “Instrumentation in pediatric endoscopic surgery” presented at 1st Pediatric Endoscopic Surgery Hands-on Workshop, held at Ethicon ESI, Sukagawa, Fukushima, Japan

09/09/2000 Course Instructor: “1st Pediatric Endoscopic Surgery Hands-on Workshop” held at Ethicon ESI, Sukagawa, Fukushima, Japan

10/06/2000 Moderator: “Session 1; general pediatric laparoscopy” at 3rd annual congress of Japanese Pediatric Endosurgery Group, Miyakojima, Okinawa, Japan

04/18/2001 Guest Faculty (Course Instructor), “Endoluminal Access Surgery Hands-on Course”, Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Postgraduate Course, St. Louis, MO, USA

03/13/2002 Guest Faculty (Course Instructor), “Esophageal Stent Technique Hands-on Course,” Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) Off Site Hands-on Course, New York, USA

10/04/2002 Speaker: “Laparoscopic endoluminal surgery for gastric lesions” presented at Colorectal Surgery Grand Rounds, Cornell University Auditorium, New York, NY, USA

01/21/2003 Speaker: “Laparoscopic Total Colectomy: Hand-assisted vs. Standard Technique” presented at Multi-site Minimally Invasive Teleconference, Cornell University Auditorium, New York, NY, USA

07/18/2003 Speaker: “CO2 insufflating endoscopy; a preliminary report” presented at Olympus America Inc. Headquarters, Long Island, New York, USA

10/29/2003 Speaker: “CO2 insufflating endoscopy; the pilot study at Cornell University” presented at Olympus EndoLab, The R&D Division, Tokyo, Japan

11/13/2003 Speaker: “Master-slave robots in minimally invasive surgery” presented at 2003 Forum for Next Generation Medical Industries, at The Osaka Chamber of Commerce and Industry, Osaka, Japan

12/04/2003 Speaker: “Luncheon Seminar: Laparoscopic surgery training in Japan and the USA: from VR to cadavers” presented at 15th annual congress of Japan Society for Endoscopic Surgery, Okayama, Japan

04/08/2004 Moderator: “Combined laparo-endoscopic colorectal surgery (Professor Jeffrey W. Milsom, Cornell University, New York, NY)” presented at 104th annual congress of Japan Surgical Surgery, Osaka, Japan

02/19/2005 Course Director: “Animate Lab for Surgical Residents at Osaka Rosai Hospital” held at Ethicon ESI, Sukagawa, Fukushima, Japan

03/19/2005 Speaker: “Invited Lecture: Laparoscopic surgery training: current status and future prospective” presented at Annual Congress of Aomori Laparoscopic Surgery Study Group, Aomori, Japan

05/13/2005 Speaker: “Knacks and pitfalls in surgical stapling” presented at Ethicon Booth, 105th annual congress of Japan Surgical Society, Nagoya, Japan

06/11/2005 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

06/18/2005 Speaker: “Invited lecture: Use of fibrin-coated collagen fleece in laparoscopic surgery” 5th Anniversary of TachoComb Symposium, Tokyo, Japan

06/21/2005 Speaker: “CO2 insufflating endoscopy” presented at Medical/Surgical Grand Rounds, Osaka Rosai Hospital, Osaka, Japan

09/15/2005 Speaker: “Mini-lecture: gastrointestinal stromal tumors” presented at Minami Osaka Gastrointestinal Disease Conference, Osaka, Japan

11/05/2005 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

12/17/2005 Course Director: “1st Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

02/25/2006 Course Director: “2nd Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

03/29/2006 Speaker: “Luncheon seminar: Current status and perspective of fibrin-coated collagen fleece (TachoComb)” presented at 106th annual congress of Japan Surgical Society, Tokyo, Japan

06/10/2006 Course Director: “3rd Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

06/17/2006 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

08/24/2006 Speaker: “Laparoscopic surgery for inflammatory bowel diseases” presented at The Supporting Center for Clinical Research and Education (SCCRE) Open Forum for Postgraduate Education, Osaka, Japan

08/25/2006 Speaker: “Complications of inflammatory bowel diseases” presented at The Supporting Center for Clinical Research and Education (SCCRE) Open Forum for Postgraduate Education, Osaka, Japan

09/02/2006 Moderator: “Micron tracker: augmented reality and optical pose tracking in a single device (Dr. Claudio Gatti, Claron Technology Inc.)” presented at 6th Japanese Society for Medical Virtual Reality, Osaka, Japan

11/24/2006 Course Director: “4th Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

12/06/2006 Moderator: “Colorectal benign disorders” at 18th annual congress of Japan Society for Endoscopic Surgery, Kyoto, Japan

07/22/2006 Speaker: “Key Note Lecture: Basics of electrosurgical devices” presented at 1st Surgical Energy Lab, Osaka University Hospital - Medical Center for Translational Research, Osaka, Japan

07/22/2006 Course Co-Director: “1st Surgical Energy Lab,” at Osaka University Hospital - Medical Center for Translational Research, Osaka, Japan

03/23/2007 Course Director: “5th Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

05/10/2007 Course Director: “6th Endoscopic Surgery Training Course” at Medical Center for Translational Research, Osaka University Hospital, Osaka, Japan

06/23/2007 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

08/03/2007 Guest Commentary: “Team approach in the management of inflammatory bowel diseases” on Kansai GI disease Research Club, Osaka, Japan

08/25/2007 Guest Commentary: “Bleeding prestomal ileitis” on IBD Club Junior West, The Mainichi Oval Hall Auditorium, Osaka, Japan

08/28/2007 Speaker: “Bowel blood supply and gastrointestinal diseases” presented at academic in-service training, Tsumura & Co, Osaka, Japan

09/08/2007 Moderator: “An overview of laparoscopic colorectal surgery in 2007: where have we come and where are we going? (Professor Richard L. Whelan, Columbia University, New York, NY)” presented at 20th annual congress of Kinki Society for Endoscopic Surgery, Osaka, Japan

09/12/2007 Speaker: “Role of CO2 insufflation in modern endoscopic intervention” presented at Medical Grand Rounds, Osaka University, Osaka, Japan

10/30/2007 Speaker: “Bowel blood supply and gastrointestinal diseases” presented at academic training for medical representatives, Tsumura & Co, Tokyo, Japan

11/04/2007 Speaker: “Invited Lecture: Optimal insufflation system for NOTES procedures” at Postgraduate Course of 6th Japan Society of Computer Aided Surgery, Hiroshima, Japan

11/18/2007 Speaker: “Insufflation necessary for pure NOTES” at 1st Japan NOTES, Sendai, Japan

12/08/2007 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

12/10/2007 Speaker: “Invited Lecture: Insufflation techniques for NOTES” presented at New York - Presbyterian Hospital First Annual International NOTES Course, Columbia University, New York, NY, USA

12/10/2007 Faculty, NOTES animal lab, New York-Presbyterian Hospital First Annual International NOTES Course, Columbia University, New York, NY, USA

12/11/2007 Faculty, NOTES cadaver lab, New York-Presbyterian Hospital First Annual International NOTES Course, Cornell University, New York, NY, USA

01/25/2008 Speaker: “Current status of minimally invasive surgery for inflammatory bowel diseases” at 14th Mie Crohn’s Disease Society, Mie, Japan

02/02/2008 Speaker: “NOTES: current status and future perspective” at 21st Osaka University First Department of Surgery Affiliated Hospital Society, Osaka, Japan

02/07/2008 Speaker: “Transvaginal NOTES gastrectomy: towards clinical use” at Osaka University GI medicine/surgery joint conference, Osaka, Japan

03/16/2008 Speaker and instructor: “What you should know about instrumentation/equipment for endoscopic surgery” at 2nd Seminar/Hands-on Course for OR Nurses, Ethicon Endo-surgery Osaka HQ, Osaka, Japan

08/22/2008 Speaker: “NOTES: its possibility and related RD efforts” at Hakko Medical Co. Ltd., Nagano, Japan

09/02/2008 Speaker: “Transvaginal NOTES partial gastrectomy using i-NOLC flexible staplers” at Power Medical Interventions Sponsored Symposium in JSES annual congress, Yokohama, Japan

09/02/2008 Moderator: “NOTES experimental study”, 21st Japan Society for Endoscopic Surgery, Yokohama, Japan

09/04/2008 Speaker: “Use of carbon dioxide as an insufflating agent for GI endoscopy” at Booth Lecture “How CO2 can improve your OR Environment?” sponsored by Olympus Medical Systems, 11th World Congress of Endoscopic Surgery, Yokohama, Japan

09/27/2008 Moderator: “New treatment strategy using gene targeting drugs in gastrointestinal diseases” at 89th Japan DDW Kinki chapter, Osaka, Japan

10/12/2008 Speaker: “Transvaginal NOTES partial gastrectomy” at Power Medical Interventions Speakers’ Series in ACS clinical congress, San Francisco, CA, USA

10/14/2008 Speaker: “Transvaginal NOTES partial gastrectomy” at Power Medical Interventions Booth Talk in ACS clinical congress, San Francisco, CA, USA

10/29/2008 Speaker: “NOTES, towards ultra-minimally invasive surgery” presented at Medical Grand Rounds, Aichi Cancer Center, Nagoya, Japan

11/10/2008 Speaker: “Insufflation techniques for NOTES” presented at 2nd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

11/11/2008 Speaker: “Transvaginal NOTES partial gastrectomy for gastric SMTs” presented at 2nd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

11/11/2008 Moderator: “Human NOTES cases” at 2nd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

11/27/2008 Speaker: “Luncheon Seminar: Human transvaginal NOTES partial gastrectomy” at 70th Japan Surgical Association Annual Meeting, Tokyo, Japan

12/13/2008 Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Course Director: Jeffrey W. Milsom, M.D.)

12/15/2008 Speaker: “Invited Lecture: Access, insufflation and closure” presented at New York - Presbyterian Hospital Second Annual International NOTES Course, Rockefeller University, New York, NY, USA

12/15/2008 Faculty, NOTES simulation lab, New York-Presbyterian Hospital Second Annual International NOTES Course, Cornell University, New York, NY, USA

12/16/2008 Faculty, NOTES cadaver lab, New York-Presbyterian Hospital Second Annual International NOTES Course, Cornell University, New York, NY, USA

01/10/2009 Speaker: “Invited Lecture: Transvaginal NOTES Partial Gastrectomy for Gastric SMTs” presented at Power Medical Interventions 6th Annual Winter Symposium, Deer Valley, UT, USA

01/23/2009 Speaker: “Invited Lecture: NOTES - its current status and our challenge -” presented at 1st Fukuyama Advanced MIS Conference, Fukuyama, Japan

02/10/2009 Speaker: “Invited Lecture: NOTES – challenge to the ultra-minimally invasive surgery -” presented at Kure Endoscopic Surgery Seminar, Kure, Hiroshima, Japan

02/28/2009 Moderator: “Cases difficult to diagnose” on IBD Club Junior West, The Mainichi Oval Hall Auditorium, Osaka, Japan

03/14/2009 Speaker: “Invited Lecture: NOTES – its first clinical case in Japan” presented at 10th Winter Seminar, Kiroro, Hokkaido, Japan

04/19/2009 Speaker: “How to simulate transvaginal NOTES in animals” presented at Didactic session of 1st Japan NOTES Hands-on Course, Olympus Medical Technology Education Center (M-TEC), Hachioji, Japan

04/19/2009 Faculty, 1st Japan NOTES Hands-on Course, Olympus Medical Technology Education Center (M-TEC), Hachioji, Japan

07/22/2009 Faculty, NOTES Hands-on Training Lab, Kyushu University ESTC, Fukuoka, Japan

07/22/2009 Speaker: “NOTES gastrectomy: our first human experience” presented at 46th Integration of Advanced Medicine and Innovative Technology Seminar, Kyushu University, Fukuoka, Japan

09/07/2009 Speaker: “Problems related to endoscopic insufflation” presented at 3rd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

09/08/2009 Speaker: “Transvaginal partial gastrectomy for gastric SMTs” presented at 3rd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

09/08/2009 Moderator: “NOTES human cases attended” at 3rd international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

10/30/2009 Speaker: “Invited Lecture: NOTES - current status and perspective -” presented at 5th Osaka City University Minimally Invasive Surgery Seminar, Osaka, Japan

11/12/2009 Speaker: “Special Lecture: NOTES as a gastric surgery” presented at 61st Annual Congress of the Korean Surgical Society, Seoul, Korea

12/04/2009 Speaker: “Invited Talk: Current status of NOTES in Japan – from s surgeon’s point of view” presented at JSES/SAGES Joint Symposium at 22nd Annual Congress of Japanese Society for Endoscopic Surgeons, Tokyo, Japan

12/06/2009 Faculty, 2nd Japan NOTES Hands-on Course, Olympus Medical Technology Education Center (M-TEC), Hachioji, Japan

01/23/2010 Speaker: “NOTES for gastrointestinal diseases” presented at 69th Tokai Seminar for Japan Gastroenterological Endoscopy Society, Aichi Cancer Center International Conference Hall, Nagoya, Japan

02/20/2010 Speaker: “Researches and human trials on NOTES” presented at 1st NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

02/20/2010 Speaker: “Endoluminal procedures (upper GI)” presented at 1st NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

02/20/2010 Moderator: “NOTES clinical approaches” at 1st NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

03/26/2010 Speaker: “NOTES and future integration of GI endoscopy and laparoscopic surgery” presented at Laparoscopic Conference of South Osaka, Sakai, Japan

06/04/2010 Speaker: “Minimally invasive surgical approaches for GISTs” presented at In-service Seminar of Novartis Pharmaceuticals Corporation, Osaka, Japan

06/12/2010 Speaker: “Invited Lecture: Surgical treatment of gastroesophageal reflux disease” presented at 6th Suita Clinical Conference, Suita, Japan

07/14/2010 Speaker: “Luncheon seminar: Minimally invasive surgical approaches to gastric GISTs” presented at 65th annual congress of Japanese Society of Gastroenterological Surgery, Shimonoseki, Japan

09/02/2010 Speaker: “Integration of flexible GI endoscopy and laparoscopy for next generation endoscopic intervention” presented at 1st Metropolitan Medicine-Industry Collaboration Forum, Tokyo, Japan

09/04/2010 Speaker: “Invited Lecture: NOTES and its spin-off technology” presented at 15th Digestive Disease Renaissance, Osaka, Japan

10/02/2010 Speaker: “Invited Lecture: Minimally invasive surgery for IBD: an update” presented at 5th Japan-Korea IBD Symposium, Seoul, Korea

10/15/2010 Speaker: “Next generation over-tube system” presented at TOP Booth Seminar (JDDW 2010), Yokohama, Japan

10/17/2010 Speaker: “Debate -NOTES vs. Single incision laparoscopic surgery-“ presented at 4th Japan NOTES Conference, Yokohama, Japan

10/18/2010 Moderator: “Session NOTES” at 23rd JSES meeting, Yokohama, Japan

11/19/2010 Speaker: “Special lecture: NOTES and its spin-off technologies” presented at 62nd Korean Surgical Society international symposium, Seoul, Korea

12/13/2010 Speaker: “Steady pressure automatically controlled endoscopy (SPACE): its concept and possibility” presented at 4th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

12/13/2010 Speaker: “Progress from the R&D frontline: innovation and spin-off” presented at 4th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

12/14/2010 Speaker: “Transvaginal gastrectomy” presented at 4th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

12/13/2010 Moderator: “Session Human NOTES” at 4th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

02/18/2011 Speaker: “Endoluminal procedures: Upper GI system” presented at 2nd NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

02/18/2011 Speaker: “New generation devices” presented at 2nd NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

02/18/2011 Moderator: “NOTES human cases” at 2nd NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

02/19/2011 Speaker: “Single incision laparoscopic fundoplication” presented at 2nd NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

03/04/2011 Speaker: “Luncheon seminar: Minimally invasive surgical approaches to gastric GISTs, from laparoscopy to SILS and NOTES” presented at 83rd annual congress of Japanese Gastric Cancer Association, Aomori, Japan

03/31/2011 Speaker: “Basic Procedures with Anatomical Approach: Laparoscopic D3 lymph node dissection with preservation of the left colic artery for cancer in the sigmoid colon” presented at SAGES/JSES Joint Panel “What’s new in Lower GI Surgery”, San Antonio, TX, USA

05/09/2011 Speaker: “Steady pressure automatically controlled endoscopy (SPACE): a new modality in gastrointestinal endoscopic intervention” presented at DDW, Chicago, USA

07/23/2011 Speaker: “NOTES and SPACE, a future of GI endoscopy” presented at The 4th Kure International Medical Forum (KINT), Kure, Japan

07/23/2011 Moderator: “Recent progress in laparoscopic surgery (2)” at The 4th Kure International Medical Forum (KINT), Kure, Japan

08/18/2011 Speaker: “Luncheon seminar: Carbon dioxide insufflating endoscopy – towards steady pressure endoscopy” presented at 81st annual congress of Japan Gastroenterological Endoscopy Society, Nagoya, Japan

09/26/2011 Guest speaker: “Proposal from Osaka” presented at industry-academia collaborative work discussion, ERBE Elektromedizin GmbH, Tubingen, Germany

10/15/2011 Speaker: “NOTES – our clinical experience –“presented at 24th Kinki Society of Endoscopic Surgery, Osaka, Japan

11/18/2011 Moderator: “Breakfast symposium: Step forward for pure NOTES” at 61st Congress of the Korean Society of Gastrointestinal Endoscopy, Seoul, Korea

11/18/2011 Speaker: “The NOTES spin-off: Steady Pressure Automatically Controlled Endoscopy (SPACE)” presented at 61st Congress of the Korean Society of Gastrointestinal Endoscopy, Seoul, Korea

11/18/2011 Speaker: “Special lecture: State of NOTES in Japan” presented at 61st Congress of the Korean Society of Gastrointestinal Endoscopy, Seoul, Korea

11/21/2011 Speaker: “Progress from the R&D frontline: How instruments can improve your NOTES procedure” presented at 5th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

11/22/2011 Speaker: “Esophageal ESD under steady pressure endoscopy: Results of multicenter basic phase I trial” presented at 5th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

12/06/2011 Speaker: “Transvaginal NOTES gastrectomy: An update” presented at 5th Japan NOTES Conference, Yokohama, Japan

12/08/2011 Moderator: “NOTES: its future perspective” at 24th Annual Congress of Japanese Society for Endoscopic Surgeons, Osaka, Japan

01/20/2012 Speaker: “Endoscopic intervention for upper GI diseases: an update” at 25th EGMR Conference, Tokyo, Japan

03/17/2012 Moderator: “Workshop: Borderline between endoluminal surgery and laparoscopic surgery” at 88th Japan Gastroenterological Endoscopy Society Kinki Chapter, Osaka, Japan

04/26/2012 Speaker: “Steady pressure endoscopy: a new modality” at The First Annual Peter D. Stevens Course on Interventional Innovations in Digestive Care, New York, NY, USA

06/20/2012 Speaker: “Practical aspect of medical device development” at 3rd Medical Device Development & Manufacturing Technology Expo, Tokyo, Japan

06/23/2012 Speaker: “Three dimensional anatomical measurements for safe and effective use of rigid instruments in transvaginal NOTES” at 20th International Meeting of European Association for Endoscopic Surgery (EAES), Brussels, Belgium

07/18/2012 Moderator: “NOTES” at 67th Japanese Society of Gastroenterological Surgery, Toyama, Japan

07/19/2012 Speaker: “Function of gastric remnant after laparoscopic partial gastrectomy” at 67th Japanese Society of Gastroenterological Surgery, Toyama, Japan

10/12/2012 Speaker: “Next generation endoscopy that Leak Cutter realizes” presented at TOP Booth Seminar (JDDW 2012), Kobe, Japan

10/14/2012 Program co-director, The Inaugural SPACE LAB KANSAI Seminar & Hands-on Workshop, Kobe, Japan

10/14/2012 Speaker: “Introduction” at The Inaugural SPACE LAB KANSAI Seminar & Hands-on Workshop, Kobe, Japan

10/14/2012 Moderator: “Pre-course didactics” at The Inaugural SPACE LAB KANSAI Seminar & Hands-on Workshop, Kobe, Japan

11/29/2012 Speaker: “Special lecture: Next generation endoscopy and its related devices” at Shape Memory Alloys Symposium 2012, Kobe, Japan

12/01/2012 Moderator: “Video Symposium: Can NOTES survive?” at 74th Japan Surgical Association Annual Meeting, Tokyo, Japan

12/03/2012 Speaker: “SPACE and prototype devices” presented at 6th international NOTES W.I.D.E.R. – Barcelona, Barcelona, Spain

12/05/2012 Speaker: “Invited talk: Current R&D activities derived from NOTES researches” presented at 6th Japan NOTES Conference, Yokohama, Japan

12/07/2012 Speaker: “Transvaginal gastrectomy” presented at 25th Annual Congress of Japanese Society for Endoscopic Surgeons, Yokohama, Japan

12/07/2012 Speaker: “R&D and industry-academia collaborative work” presented at 25th Annual Congress of Japanese Society for Endoscopic Surgeons, Yokohama, Japan

01/17/2013 Speaker: “Steady pressure endoscopy and related ENGINE products” presented at the 1st Research Meeting of JSPS Bilateral Research Project, National University of Singapore, Singapore

01/18/2013 Speaker: “Necessary developments to make MASTER robotic system compatible with SPACE” presented at the 1st Research Meeting of JSPS Bilateral Research Project, Nanyang Technological University, Singapore

02/16/2013 Moderator: “Symposium: Innovation in treatment of gastrointestinal diseases” at 98th Kinki Chapter of the Japanese Society of Gastroenterology, Kobe, Japan

03/08/2013 Speaker: “Invited Lecture: R&D of instrumentation for next generation endoscopy: through the integration of flexible endoscopy and laparoscopy” presented at 2nd International Workshop on "HALIDAT-GC", Chiba University, Chiba, Japan

03/12/2013 Speaker: “Invited Lecture: Next generation "integrated" endoscopic devices inspired by NOTES” presented at 2nd MIS conference, National Cancer Center Hospital East, Chiba, Japan

03/12/2013 Speaker: “Steady pressure endoscopy” presented at National Cancer Center Monthly Teleconference, Chiba, Japan

03/30/2013 Speaker: “Invited Lecture: NOTES/SILS” presented at 10th Kinki GIST Research Group Meeting, Osaka, Japan

04/11/2013 Moderator: “Colorectal cancer: Tumor markers” at 113th Annual Congress of Japan Surgical Society, Fukuoka, Japan

04/11/2013 Speaker: “Video symposium: Next generation endoscopic surgery via integration of flexible endoscopy and laparoscopic surgery” presented at 113th Annual Congress of Japan Surgical Society, Fukuoka, Japan

04/27/2013 Moderator: “Session: Indication for duodenal lesions” at 7th Japan LECS society, Tokyo, Japan

05/11/2013 Speaker: “R&D towards next generation endoscopic surgery” presented at Osaka University Pediatric Surgery Alumni Association, Osaka, Japan

05/18/2013 Speaker: “Introduction of new division: Next generation endoscopic intervention” presented at Osaka University First Department of Surgery Alumni Association, Osaka, Japan

05/27/2013 Speaker: “Transvaginal approach” presented at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

05/27/2013 Speaker: “Transvaginal partial gastrectomy” presented at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

05/27/2013 Speaker: “Laparoscopy – endoscopy combined approach” presented at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

05/28/2013 Moderator: “Session: NOTES clinical experiences update” at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

05/28/2013 Speaker: “LESS GERD” presented at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

05/28/2013 Speaker: “Current R&D activity of Project ENGINE” presented at 4th NOTES/SILS conference, Istanbul American Hospital, Istanbul, Turkey

06/01/2013 Speaker: “Special Lecture: Development of new endoscopic devices through industry-academia collaboration” presented at 4th MEDFERE-Kagawa, Kagawa, Japan

06/21/2013 Speaker: “Invited Lecture: Management of intellectual property in R&D of medical devices” presented at 5th Japanese Orthopaedic Society of Knee, Arthroscopy and Sports Medicine (JOSKAS), Sapporo, Japan

07/02/2013 Speaker: “Special Lecture” at Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University, Osaka, Japan

07/12/2013 Speaker: “Lecture: R&D of medical devices via integration of endoscopy and laparoscopy” presented at 3D Matrix in-house Seminar, Tokyo, Japan

07/31/2013 Speaker: “SPACE and MASTER, a system overview” presented at the 2nd Research Meeting of JSPS Bilateral Research Project, National University of Singapore, Singapore

09/13/2013 Speaker: “Development of medical devices: from a surgeon’s standpoint” presented at 1st NEXT meeting, National Cancer Center Hospital East, Chiba, Japan

09/14/2013 Moderator: “Reduced port surgery” at 26th Kinki Society for Endoscopic Surgery, Nara, Japan

09/20/2013 Speaker: “Traction and retraction, a surgical principal” presented at Tokusen Kogyo R&D seminar, Ono, Hyogo, Japan

09/28/2013 Speaker: “Invited lecture: Next generation endoscopy – a paradigm shift in endoscopic intervention –” presented at The Japanese Society of Pediatric Surgeons, Annual meeting of Chugoku-Shikoku chapter, Okayama, Japan

10/01/2013 Speaker: “Next generation endoscopy and related devices” presented at Top Coop. Research Seminar, Simotsuma, Tochigi, Japan

10/16/2013 Speaker: “Invited lecture at ESGE-JGES Joint Symposium “Minimally-invasive therapy: European and Japanese perspectives”: “What would be required in the tool box for future endoscopic interventions? From a surgeon's perspective” presented at 21th UEG Week, Berlin, Germany

11/08/2013 Speaker: “Surgical smoke: a new risk in your OR” presented at Evening Seminar, 35th Annual Congress of Japan Association for Operative Medicine, Yokohama, Japan

11/27/2013 Moderator: “Quo Vadis? Review of Japan NOTES” at 7th Japan NOTES Conference, Fukuoka, Japan

01/21/2014 Speaker: “Things to know…What you should see and learn in your mission” at the Orientation Program for Minnesota Device Business Crash Course, Osaka, Japan

02/07/2014 Moderator: “EndoMaster: A journey from bench to bedside and beyond” by Professor Louis Phee (NTU) at 24th Osaka University Medical Informatics Symposium, Osaka, Japan

02/08/2014 Program co-director, The 2nd SPACE LAB KANSAI Seminar & Hands-on Workshop, Kobe, Japan

02/19/2014 Speaker: “R&D of medical devices via academia-industry collaboration: how to match, manufacture, learn and sell” at 11th Business Link Seminar, Osaka, Japan

02/26/2014 Speaker: “Cutting edge of medical device development” at Healthcare Human Resource Development Program, Tokyo, Japan

02/18/2014 Speaker: “Challenge to the next generation endoscopic intervention” at Fukuyama Medical Center Open Conference, Fukuyama, Japan

03/05/2014 Speaker: “Development of affordable medical devices with appropriate performance” at Seminar on Connectivity of SMEs between Laos and Japan, National University of Laos, Vientiane, Lao PDR

03/22/2014 Live surgery demonstration: 8th AIIMS Surgical Week - International Minimal Access Surgery Conference, All India Institute of Medical Sciences, Delhi, India

03/22/2014 Speaker: “Next generation endoscopy and related procedures: beyond NOTES” at 8th AIIMS Surgical Week - International Minimal Access Surgery Conference, All India Institute of Medical Sciences, Delhi, India

04/03/2014 Moderator: “Inflammatory bowel disease and miscellaneous” at 114th Annual Congress of Japan Surgical Society, Kyoto, Japan

04/07/2014 Speaker: “Reverse innovation in medical devices R&D” at Center for Future Medicine, FUJITSU Corporation, Tokyo, Japan

04/18/2014 Speaker: “R&D of affordable medical devices in emerging countries” at the First Official Meeting of Project HEART (Healthcare engineering using appropriate and reasonable technologies), Osaka, Japan

04/30/2014 Speaker: “Introduction of Project HEART, a next step” at R&D meeting, Sakura Holdings Co., Ltd., Tokyo, Japan

05/08/2014 Speaker: “Challenge to the next generation endoscopic intervention, beyond NOTES” at the 117th Nimokukai Conference, Sapporo, Japan

05/17/2014 Speaker: “Pressure regulated colonoscopy and related procedures” at The American Society of Colon & Rectal Surgeons Annual Scientific Meeting, Hollywood, FL, USA

06/07/2014 Speaker: “Next Generation Endoscopic Devices” at Mini Symposium “Robotics for GI Endoscopy,” JSPS bilateral joint research program, National University of Singapore, Singapore

06/20/2014 Speaker: “R&D of medical devices for universal health coverage: “from Japan” to “from Asia”” at regular meeting of OMETA (Overseas Medical Equipment Technical Assistants), Tokyo, Japan

07/11/2014 Speaker: “Project ENGINE, Our R&D efforts and achievements” at 1st MINT-ENGINE meeting, Cornell University MINT program, New York, NY, USA

07/18/2014 Moderator: “Basic science, stomach and duodenum” at 69th Annual Meeting of Japanese Society of Gastroenterological Surgery, Fukushima, Japan

08/02/2014 Moderator: “Academia-industry collaboration” at 3rd Reduced Port Surgery Forum 2014 in Fukui, Fukui, Japan

08/14/2014 Speaker: “Project ENGINE, Our R&D efforts and achievements” at 1st Apollo-ENGINE meeting, Apollo Endosurgery, Austin, TX, USA

08/30/2014 Speaker: “Medical device R&D for next generation endoscopy” at Osaka University Medical School 1992 Graduates Alumni, Osaka, Japan

09/05/2014 Speaker: “Team building for academia-industry collaboration” at NEDO kick-off meeting, Keio University, Tokyo, Japan

09/19/2014 Speaker: “Colonic Endoscopic Submucosal Dissection by a combination of a novel endoscopic robot and a novel insufflation device. MASTER-SPACE ESD” at American society for gastrointestinal endoscopy (ASGE), Las Vegas, USA

09/29/2014 Speaker: “Flexible endoscopic devices rediscovered: from surgeon’s perspective” at Hakko Co., Ltd., MR annual meeting, Tokyo, Japan

10/01/2014 Moderator: “Special session; A challenge to medical-engineering cooperation and advanced device development” at 8th Japan Consortium for Advanced Surgical Endoscopy (J-CASE), Morioka, Japan

10/03/2014 Moderator: “Near-futuristic Hybrid Surgery” at 27th Annual Meeting of Japan Society for Endoscopic Surgery, Morioka, Japan

10/04/2014 Moderator: “Let’s give shapes to surgeons’ thoughts” at 27th Annual Meeting of Japan Society for Endoscopic Surgery, Morioka, Japan

10/07/2014 Opening remark at 1st Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

10/08/2014 Closing remark at 1st Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

10/13/2014 Speaker: “R&D of medical devices: What we can build together” at AIIMS-Osaka University Joint Workshop & Singing ceremony of MoU, Delhi, India

10/25/2014 Speaker: “Key Note Lecture: Flexible and Rigid Endoscopies - How We Can Step Across Their Boundary” at JDDW 2014, Kobe, Japan

11/01/2014 Course Director: COI vision dialogue tool development 1st session, Osaka, Japan

11/22/2014 Moderator: “The new trial under endoscopic surgery” at 76th Annual Congress of Japan Surgical Association, Fukushima, Japan

12/01/2014 Speaker: “Special Lecture: Future of NOTES. A new tool box from ENGINE for next generation endoscopy” at 8th Annual Meeting of International NOTES WIDER, Barcelona, Spain

12/01/2014 Speaker: “Key Note Lecture: Single incision laparoscopic intragastric surgery” at 8th Annual Meeting of International NOTES WIDER, Barcelona, Spain

12/02/2014 Speaker: “Dinner Talk: Endoscopic insuflation revisited: from air to CO2, from manual to automatic” at 8th Annual Meeting of International NOTES WIDER, Barcelona, Spain

12/08/2014 Speaker: “The role of industry-academia collaboration which changes the world” at 7th Osaka University Division of Collaborative Research Symposium, Osaka, Japan

01/24/2015 Course Director: COI vision dialogue tool development 2nd session, Kobe, Japan

02/02/2015 Speaker: “R&D of medical devices for UHC” at 1st MOU meeting, Lao ASEAN Hospital, Vientiane, Lao PDR

02/03/2015 Speaker: “R&D of medical devices for UHC” at 1st MOU meeting, Mahosot Hospital, Vientiane, Lao PDR

02/20/2015 Speaker: “Special Lecture: Project ENGINE, Our R&D Efforts and Achievements” at Academisch Medical Center, Amsterdam, Netherland

02/24/2015 Opening remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” Joint Symposium, Osaka International Convention Center, Osaka, Japan

02/24/2015 Session moderator: AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” Joint Symposium, Project ENGINE, Osaka, Japan

02/25/2015 Course director: Animal Lab demonstration of novel endoscopic devices, 1st bilateral joint research project between Osaka University and All India Institute of Medical Sciences (AIIMS), COMIT Animal Lab, Osaka, Japan

02/28/2015 Invited speaker: “Special Lecture: The front line of research and development of next generation endoscopy” at 21st Nara Endoscopic Surgery Seminar, Nara, Japan

03/04/2015 Moderator: “To overcome the issues of investment environment in Laos –the hope which the development of medical devices gives, by Professor Motoyoshi Suzuki” at Project HEART Emerging Countries Countermeasure Seminar sponsored by Project HEART, Osaka, Japan

03/14/2015 Speaker: “R&D of Medical Devices via Collaboration between AIIMS and Osaka University” at 9th AIIMS Surgical Week - International Minimal Access Surgery Conference, All India Institute of Medical Sciences, Delhi, India

04/06/2015 Speaker: “R&D of medical devices via academia-industry collaboration” at Annual Meeting of GS-1 Healthcare Consortium, Tokyo, Japan

05/17/2015 Speaker: “Next Generation Endoscopy – through surgeon's eyes” at the 3rd ASGE/JGES International Symposium, DDW, Washington DC, USA

05/26/2015 Speaker: “Special Lecture” at Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University, Osaka, Japan

05/31/2015 Speaker: “R&D of peripheral device to realize steady pressure automatically controlled endoscopy (SPACE)” at Japan Gastroenterological Endoscopy Society, Nagoya, Japan

06/29/2015 Speaker: “Osaka University – Fujitsu Joint Development Project” at Nanjing Fujitsu Nanda Software Technology Co., Ltd, Nanjing, China

06/29/2015 Speaker: “Project ENGINE, its recent activity and outcomes” at Nanjing Drum Tower Hospital, Nanjing, China

06/30/2015 Speaker: “Project ENGINE, its recent activity and outcomes” at Rui Jin Hospital Shanghai Jiao Tong University of Medicine, Shanghai, China

07/16/2015 Moderator: “Colorectal cancer: surgical technique (reduced port surgery)” at 70th Annual Meeting of Japanese Society of Gastroenterological Surgery, Hamamatsu, Japan

07/21/2015 Opening remark at 2nd Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

07/21/2015 Speaker: “Surgical Equipment: Hands On 1” at 2nd Basic Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

07/22/2015 Speaker: “Surgical Equipment: Hands On 2” at 2nd Basic Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

07/22/2015 Closing remark at 2nd Basic Business Seminar for Medical Devices, granted by Ministry of Labor, Health and Welfare, Osaka, Japan

07/25/2015 Speaker: “NOTES: Lessons learned and perspective for future surgery” at 22nd Surgery Forum, Tokyo Japan

08/01/2015 Moderator: “New surgical technique” at 4th Reduced Port Surgery Forum 2015 in Akita, Akita, Japan

08/05/2015 Speaker: “Development of medical devices based on "unmet clinical needs": Are we on the right track?” at International Symposium on Advanced Medical Device Development: Trends and Future, Osaka University International Education Program “Summer School,” Osaka, Japan

08/31/2015 Course director at 2nd Clinical Training, granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/11/2015 Course director at 2nd Systematic review meeting of unmet clinical needs, granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/12/2015 Moderator: “How to handle Energy Devices ~electric scalpel and ultrasonic scalpel~” at the 28th Annual meeting of the Kinki Society for Endoscopic Surgery, Wakayama, Japan

09/21/2015 Course director, 1st Japanese delegation to AIIMS “India Mission 2015,” All India Institute of Medical Sciences, Delhi, India

09/22/2015 Course director, 1st Japanese delegation to AIIMS “Cadaveric Lab,” All India Institute of Medical Sciences, Delhi, India

10/09/2015 Moderator: “Stomach - Endoscopic surgery (Malignant tumors) 4” at the 13th Annual Meeting of the Japanese Society of Gastroenterological Surgery, JDDW 2015, Tokyo, Japan

10/10/2015 Moderator: “Medical device development, LECS, GERD treatment and more” at 9th Japan Consortium for Advanced Surg Endosc (J-CASE), Tokyo, Japan

10/13/2015 Opening remark: 2nd Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”

10/13/2015 Speaker: “Acquisition of external funds” at 2nd Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”

10/22/2015 Speaker: “Aiming for the ultimate painless operation” at Overseas Vocational Training Association, Training program for South-American of Japanese descent, Osaka, Japan

10/28/2015 Course director, 1st ENGINE (Osaka University) - MINT (Cornell University) collaborative animal workshop, Kobe, Japan

11/12/2015 Speaker: “Aiming for the ultimate painless surgery” at Osaka University Our Reach Educational Program “Super School: Osaka University x Knowledge Capital,” Osaka, Japan

11/18/2015 Speaker: “CO2 stabilizer for endoscopic diagnosis and interventions” 6th Endocourse Milan 2015, Milano, Italy

11/19/2015 Speaker: “Project ENGINE: Our R&D and Achievements” at AIMS Academy, Milan, Italy

11/19/2015 Speaker: “ENGINE & HEART: R&D of UHC Devices based on Unmet Needs in LMICs” at AIMS Academy, Milan, Italy

11/22/2015 Speaker: “What is the medical device which doctors need?” at 24th Annual Congress of Japan Society of Computer Aided Surgery, Tokyo, Japan

11/23/2015 Speaker: “A novel portable endoscopy system for universal access” at 9th International NOTES W.I.D.E.R., Barcelona, Spain

11/23/2015 Commentator: Live surgery session, at 9th International NOTES W.I.D.E.R., Barcelona, Spain

11/23/2015 Moderator: “Simposio-Cena de Bienvenida” at 9th International NOTES W.I.D.E.R., Barcelona, Spain

11/27/2015 Moderator: “The surgical procedure and device of endoscopic surgery” at 77th Annual Congress of Japan Surgical Association, Fukuoka, Japan

11/28/2015 Moderator: at “The 2nd Nakanoshima General Medical Conference”, Osaka, Japan

12/10/2015 Speaker: “Tailored approach to gastric submucosal tumor” at the 28th Annual Meeting of the Japan Society for Endoscopic Surgery, Osaka, Japan

12/12/2015 Tour Organizer: at the 28th Annual Meeting of the Japan Society for Endoscopic Surgery, Osaka, Japan

01/09/2016 Speaker: “The front line of medical device development: Cross the boundary between flexible GI endoscopy and rigid laparoscopy” at the 5th Festa di FRESTA, Fukui Red Cross Hospital Endoscopic Surgery Training Academy Forum, Fukui, Japan

02/19/2016 Speaker: “Visualization of endoscopic surgery project for networking of medical devices” at the 13th AutoID & Communication EXPO, Osaka, Japan

02/19/2016 Speaker: “The front line of medical device development: Cross the boundary” at the 27th Kansai Intestinal Disorder Seminar, Osaka, Japan

02/23/2016 Opening remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Osaka International Convention Center, Osaka, Japan

02/23/2016 Session moderator: AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

02/29/2016 Speaker: “Efforts of Osaka University Hospital on Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at Mitsubishi Research Institute, Inc., Tokyo, Japan

03/11/2016 Speaker: “Expectation for Utilization of Medical Device Data – A proposal from the clinical site” at the 2nd meeting of Medical Device Data Collection and Utilization WG, Tokyo, Japan

04/15/2016 Speaker: “Development History of Suction Ball Coagulator” the AMCO booth seminar, at the 116th Annual Congress of Japan Surgical Society, Osaka, Japan

04/16/2016 Moderator: “the colon and others” at the 116th Annual Congress of Japan Surgical Society, Osaka, Japan

05/14/2016 Speaker: “The development of peripheral device to fill a gap between flexible endoscopes and rigid endoscopes” at the 91st Congress of the Japan Gastroenterological Endoscopy Society, Tokyo, Japan

05/31/2016 Speaker: “Special Lecture” at Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University, Osaka, Japan

06/02/2016 Speaker: “The front line of research and development of medical device” at the Osaka Clinical Surgeon Medical Association Academic Meeting, Osaka, Japan

06/10/2016 Speaker: “The feasibility study of international standardization of data input/output at endoscopic surgery” at International Standardization Project Kick-off Meeting, Osaka University Tokyo office, Tokyo Japan

07/15/2016 Moderator: “Colon: laparoscopic surgery” at the 71st General Meeting of the Japanese Society of Gastroenterological Surgery, Tokushima, Japan

07/17/2016 Speaker: “Luncheon Seminar: New device Innovation for the treatment of gastrointestinal Lesions” at 16th Annual meeting of EMR/ESD Study Group, Tokyo, Japan

07/28/2016 Opening remark at AMED 3rd Basic Business Seminar for Medical Devices “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

07/28/2016 Speaker: “What is necessary for the medical device developers?” at AMED 3rd Basic Business Seminar for Medical Devices, Osaka, Japan

07/28/2016 Speaker: “Basic Dissection and Medical Jargons” at AMED 3rd Basic Business Seminar for Medical Devices, Osaka, Japan

07/29/2016 Closing remark at 3rd Basic Business Seminar for Medical Devices, AMED, Health and Welfare, Osaka, Japan

08/22/2016 Course director at 3rd Clinical Training (1st Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

08/29/2016 Course director at 3rd Clinical Training (2nd Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/02/2016 Course director at 3rd Systematic review meeting of unmet clinical needs, granted by Japan Agency for Medical Research and Development, Osaka, Japan

10/02/2016 Course director, 2nd ENGINE (Osaka University) - MINT (Cornell University) collaborative animal workshop, Kobe, Japan

10/03/2016 Course director, 2nd ENGINE (Osaka University) - MINT (Cornell University) collaborative animal workshop, Kobe, Japan

10/04/2016 Opening remark: 3rd Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

10/04/2016 Speaker: “Acquisition of external funds” at 3rd Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

10/04/2016 Closing remark: 3rd Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

10/06/2016 Speaker: “All Japan Medical Device R&D Support System” at Oita University Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Oita, Japan

10/12/2016 Speaker: “Advancement of Minimally Invasive Surgical Treatment in Japan and related devices: From Japan to the world” at “Board of Directors’ Japan Visit” Medtronic, Tokyo, Japan

11/03/2016 Chair: “Digital Poster, Endoscopy ‘Upper GI 5’” at Asian Pacific Digestive Week (APDW) 2016, Kobe, Japan

11/04/2016 Speaker: “What did We Learn from NOTES Research?” at Asian Pacific Digestive Week (APDW) 2016, Kobe, Japan

11/06/2016 Course director at Hands-on animal workshop, granted by Japan Agency for Medical Research and Development, Osaka, Japan

11/14/2016 Speaker: “Proposal to standardize laparoscope/endoscope intervention” JISC presentation at ISO/TC215 WG2 (System and device interoperability), Lillehammer, Norway

11/16/2016 Speaker: “The next generation toolbox for interventional digestivist; from bench to clinics” at OLYMPUS Special evening lecture, Gothenburg, Sweden

11/21/2016 Speaker: “The R&D frontline: 10 years’ summary and towards next 10 years” at 10th international NOTES - W.I.D.E.R., Barcelona, Spain

11/21/2016 Commentator: Live session, “Session with video transmission from the Research Institute and Clinical Department Working Group” at 10th International NOTES W.I.D.E.R., Barcelona, Spain

11/21/2016 Moderator: “Simposio-Cena de Bienvenida” at 10th International NOTES W.I.D.E.R., Barcelona, Spain

11/25/2016 Moderator: “Stomach: Benign disease” at the 78th Annual Congress of Japan Surgical Association, Tokyo, Japan

12/07/2016 Moderator: ”Development of Laparoscopic and Endoscopic Cooperative-Cholecystectomy (LEC-chole) -Single port endoscopic cholecystectomy- at the at 10th Japan Consortium for Advanced Surg Endosc (J-CASE), Yokohama, Japan

12/08/2016 Speaker: “Apply for a patent of the IDEA before you tell it to somebody” at medical-engineering cooperation program of the 29th Annual Meeting of the Japan Society for Endoscopic Surgery, Yokohama Japan

12/10/2016 Speaker: “RFID Marking system which enables to grasp the position of deep minimal residual disease” at medical-engineering cooperation program of the 29th Annual Meeting of the Japan Society for Endoscopic Surgery, Yokohama Japan

01/27/2017 Speaker: “Opening remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

01/27/2017 Session moderator: AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

01/27/2017 Speaker: “Closing remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

01/31/2017 Speaker: “The front line of medical device development by academia-industry cooperation” at the Digestive Disease Study Group of 4 Hospitals in Nasu, Tochigi, Japan

02/03/2017 Speaker: “Current status and future perspective” at Technology committee (short lecture), European Association for Endoscopic Surgery and other Interventional Techniques Wintermeeting & committee meetings, Frankfurt, Germany

02/03/2017 Speaker: “Current approach of JSES towards convergence of academic surgeons and industries for R&D of innovative medical devices” at Technology committee (short lecture), European Association for Endoscopic Surgery and other Interventional Techniques Wintermeeting & committee meetings, Frankfurt, Germany

02/19/2017 Moderator: “General Presentations 2” at the 49th Japanese Forum for Study of the Stomach, Nagoya, Japan

02/24/2017 Speaker: “Next generation integrated endoscopy treatment on digestive cancer: Lessons from the NOTES” at the Latest information of digestive cancer Seminar at Saiseikai Kumamoto Hospital, Kumamoto, Japan

02/25/2017 Course director, ENGINE (Osaka University) - MINT (Cornell University) collaborative animal workshop, Kobe, Japan

03/17/2017 Speaker: “How innovation works in the future” at the HCAP Tokyo Conference, Kyoto, Japan

04/19/2017 Speaker: “Health informatics – standardization of endoscopy-related data output” JISC presentation at ISO/TC215 WG2 (System and device interoperability), Hangzhou, China

04/25/2017 Speaker: “Development of Medical Device Needed at Medical Site – Medical Device Business utilizing Manufacturing Technology” Kinzai (Kinki Finance Bureau) x Knowledge Capital, Osaka, Japan

05/11/2017 Speaker: “Towards Next Generation Endoscopy” at the 91st Congress of the Japan Gastroenterological Endoscopy Society, Osaka, Japan

05/18/2017 Speaker: “R & D Team Building at a Medical Setting” at Thursday Salon of Knowledge Salon, Osaka, Japan

06/15/2017 Moderator: “S17 UGI1” at the 25th International Congress of the European Association for Endoscopic Surgery (EAES), Frankfurt, Germany

06/16/2017 Moderator: “S59 Best EAES videos in gastrointestinal surgery” at the 25th International Congress of the European Association for Endoscopic Surgery (EAES), Frankfurt, Germany

06/17/2017 Moderator: “S75 New technologies for training in surgery: the surgeon, the team, the patient” at the 25th International Congress of the European Association for Endoscopic Surgery (EAES), Frankfurt, Germany

06/20/2017 Speaker: “Special Lecture” at Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University, Osaka, Japan

07/07/2017 Opening remark at AMED 4th Basic Business Seminar for Medical Devices ”Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

07/07/2017 Closing remark at 4th Basic Business Seminar for Medical Devices, AMED, Health and Welfare, Osaka, Japan

07/15/2017 Speaker: “Development of Medical Device to realize Next generation endoscopy: Through efforts in the gastrointestinal area”, at J-MICS Summit 2017, Tokyo, Japan

07/20/2017 Moderator: “The latest Basic Research on Digestive Disease”, at the 72nd General Meeting of JSGS, Kanazawa, Japan

07/25/2017 Speaker: “Next-Generation Endoscopic Intervention –Will the Interventional Digestivist be realized? -”, at Nagasaki University Graduate School Seminar, Nagasaki, Japan

08/05/2017 Speaker: “What is necessary for the Doctors who leads medical-engineering collaboration”, at the 6th Reduced Port Surgery Forum 2017 in Oita, Oita, Japan

08/21/2017 Course director at 4th Clinical Training (1st Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

08/28/2017 Course director at 4th Clinical Training (2nd Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/15/2017 Course director at 4th Systematic review meeting of unmet clinical needs, granted by Japan Agency for Medical Research and Development, Osaka, Japan

10/14/2017 Speaker: “Medical Device Development triggered off by NOTES -Looking back on 10 years-”, at 11th Japan Consortium for Advanced Surgical Endoscopy (J-CASE), Hakata, Japan

10/17/2017 Speaker: “Medical Device Development by Academia-Industry Cooperation: Possibilities and challenges”, at 3rd Course of Cultivation of Human Resources for Medical Device Development, Tottori, Japan

10/17/2017 Speaker: “Medical Device Development from the Viewpoint of a Surgeon”, at 3rd Course of Cultivation of Human Resources for Medical Device Development, Tottori, Japan

10/19/2017 Speaker: “To realize Next Generation Endoscopy”, at Gakuyu-kai, Graduate School of Medicine, Osaka University, Osaka, Japan

10/31/2017 Opening remark: 4th Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

10/31/2017 Speaker: “Acquisition of external funds” at 4th Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

10/31/2017 Closing remark: 4th Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

11/07/2017 Speaker: “Endoscopy and related data” JISC presentation at ISO/TC215 WG2 (System and device interoperability), Liverpool, England

11/12/2017 Moderator: “Infection Control for Health Care Workers”, at the 19th Osaka Hospital Association, Osaka, Japan

11/15/2017 Speaker: “Next Generation Endoscopy: from bench to clinics”, National Cancer Center, Goyang-si, Korea

11/17/2017 Course director, 2st Japanese delegation to AIIMS “India Mission 2017,” All India Institute of Medical Sciences, Delhi, India

11/18/2017 Course director, 2st Japanese delegation to AIIMS “Cadaveric Lab,” All India Institute of Medical Sciences, Delhi, India

11/27/2017 Speaker: “Project ENGINE update: recent progress from R&D frontline.” at 11th international NOTES - W.I.D.E.R., Barcelona, Spain

11/27/2017 Speaker: “Project ENGINE update: recent progress from R&D frontline.” at 11th international NOTES - W.I.D.E.R., Barcelona, Spain

11/27/2017 Commentator: “Session with video transmission from the Research Institute and Clinical Department Working Group (Access and locking, tunneling techniques, myotomy, gastric reduction and others)” at 11th international NOTES - W.I.D.E.R., Barcelona, Spain

12/07/2017 Moderator: “How to handle intellectual property at medical device development site” at the 30th Annual Meeting of the Japan Society for Endoscopic Surgery, Kyoto, Japan

12/08/2017 Speaker: “What is “uniting personnel” who assumes medical device development” at the 30th Annual Meeting of the Japan Society for Endoscopic Surgery, Kyoto, Japan

12/14/2017 Speaker: “Medical Device Development by Academia-Industry Cooperation - Possibilities and challenges” at Osaka Medical College Hospital Cancer Center, Osaka, Japan

12/15/2017 Speaker: “Status report of ISO/TC215” at 1st SCOT International Standardization committee of Tokyo Women’s Medical University, Tokyo, Japan

01/19/2018 Chair: “ROBOTICS – AN UPDATE” at the EAES Wintermeeting 2018, London, U.K.

01/26/2018 Speaker: “Towards Next Generation: Are We Ready?” at the 1st International Symposium of Flexible Endoscopic Surgery, Tokyo, Japan

01/26/2018 Moderator: “The Future of Robots in Surgery” at the 1st International Symposium of Flexible Endoscopic Surgery, Tokyo, Japan

02/03/2018 Speaker: “To development of Needlescopic Surgery –Both sides of the maker and user” at the 18th Needlescopic Surgery Meeting, Kyoto, Japan

02/09/2018 Speaker: “Opening remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

02/09/2018 Session moderator: AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

02/09/2018 Speaker: “Closing remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

02/12/2018 Speaker: “Future of NOTES” at the 7th MESDA, Bangkok, Thailand

04/05/2018 Moderator: “Gastric -Endoscopic surgery- total gastrectomy, gastroplasty” at the 118th Annual Congress of Japan Surgical Society, Tokyo, Japan

04/07/2018 Speaker: “Pressure regretted gas insufflation system for next generation endoscopy” at the 2018 Shanghai International Endoscopy Symposium, Shanghai, China

04/21/2018 Speaker: “Towards next generation endoscopy: lessons learned from NOTES” at the 42nd KSELS & 8th International Symposium, Jeju, Korea

05/01/2018 Speaker: “Endoscopy and related data” JISC presentation at ISO/TC215 WG2 (System and device interoperability), Maringà, Brazil

05/12/2018 Speaker: “The influence of the nutritional status of the patients with Crohn’s disease on the infliximab’s therapeutic effect” at the 72nd Annual Meeting of Japan Society for Nutrition and Food Science, Okayama, Japan

05/17/2018 Speaker: “Clinical Engineers in Japan” at the 3nd FACE（Forum for Asian Clinical Engineering), Shanghai, China

05/30/2018 Speaker: “AI in the OR Artificial Intel/Big data - Robotics - Innovative tools for surgery” at the 26th international EAES congress, London, England

05/31/2018 Moderator: “ALS session: Robotics and enhanced technology” at the 26th international EAES congress, London, England

05/31/2018 Panelist: “Consensus conference 3D” at the 26th international EAES congress, London, England

07/12/2018 Moderator: “Digital Poster Session 89: Gastric, Duodenum, Benign Tumor and other” at the 73rd General Meeting of the Japanese Society of Gastroenterological Surgery, Kagoshima, Japan.

07/15/2018 Speaker: “Development of Medical Device by a Doctor” at the 18th EMR/EDR Study Group, Tokyo, Japan.

07/15/2018 Commentator: “Future Session: Procedure and Medical Device Development of Next Generation” at the 18th EMR/EDR Study Group, Tokyo, Japan.

07/20/2018 Opening remark at AMED 5th Basic Business Seminar for Medical Devices ”Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

07/20/2018 Speaker: “How to proceed this program” at AMED 5th Basic Business Seminar for Medical Devices ”Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

07/20/2018 Closing remark at 5th Basic Business Seminar for Medical Devices, AMED, Health and Welfare, Osaka, Japan

08/03/2018 Moderator: “Innovation of reduced port surgery brought by ‘Monozukuri technique’ and Prospects” at 7th Reduced Port Surgery Forum, Sapporo, Japan

08/27/2018 Course director at 5th Clinical Training (1st Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/03/2018 Course director at 5th Clinical Training (2nd Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

09/18/2018 Speaker: Aiming for Painless “Ultimate Surgery”, at CASTEM Co., Ltd., Fukuyama, Japan

09/20/2018 Moderator: “Medical Device Development Support Seminar” (Fukushima Medical Device Development Support Centre), Osaka, Japan

09/20/2018 Speaker: “Company Questionnaire results” at Medical Device Development Support Seminar (Fukushima Medical Device Development Support Centre), Osaka, Japan

09/21/2018 Course director at 5th Systematic review meeting of unmet clinical needs, granted by Japan Agency for Medical Research and Development, Osaka, Japan

10/10/2018 Speaker: “Doctor-Initiated Academic-Industrial Collaboration: Current Status and Issues”, at 12th Osaka University Joint Research Course Symposium, Osaka, Japan.

10/18/2018 Speaker: “R&D of Medical Devices in the Era of Virtual Engineering”, at 3D4MED, The clinical 3D printing laboratory, Pavia University, Pavia, Italy.

10/23/2018 Speaker: “Endoscopy and related data”, at JISC presentation at ISO/TC215 WG2 (System and device interoperability), Paestum, Italy.

10/27/2018 Speaker: “What MedTech can do for the future of OR”, at Ageo Medical Group EndoSurgery Academy (AMESA), Tokyo, Japan

11/03/2018 Speaker: “Can Academic-Industry Medical-Engineering Collaboration make a breakthrough?” at J-CASE, Kobe, Japan

11/06/2018 Opening remark: 5th Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

11/06/2018 Closing remark: 5th Advanced Business Seminar for Medical Devices AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan”, Osaka, Japan

11/08/2018 Moderator: “Medical Device Development” at The international Society for Medical Innovation and Technology2018-IBEC2018 Joint Conference, Seoul, Korea

11/08/2018 Speaker: “Integration of laparoscopy and endoscopy into next generation endoscopic intervention” at The international Society for Medical Innovation and Technology 2018-IBEC2018 Joint Conference, Seoul, Korea

11/09/2018 Moderator: “Oral Presentation 9” at The international Society for Medical Innovation and Technology 2018-IBEC2018 Joint Conference, Seoul, Korea

11/26/2018 Speaker: “The R&D frontline 2018: update from Project ENGINE” at 12th international NOTES - W.I.D.E.R., Barcelona, Spain

11/26/2018 Live Session: “Session with video transmission from the Research Institute and Clinical Department Working Group (Access and locking, tunneling techniques, myotomy, gastric reduction and others).” at 11th international NOTES - W.I.D.E.R., Barcelona, Spain

12/06/2018 Speaker: “Medical Device Development based on needs of Emerging Countries” at the 31st Annual Meeting of the Japan Society for Endoscopic Surgery, Fukuoka, Japan

12/07/2018 Moderator: “Surgical Instrument - Energy Device” at the 31st Annual Meeting of the Japan Society for Endoscopic Surgery, Fukuoka, Japan

01/25/2019 Speaker: “Opening remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

01/25/2019 Session Moderator: AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

01/25/2019 Speaker: “Closing remark at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

02/08/2019 Moderator: “The evolution of minimally invasiveness through technology Session 1: How technology reshaped treatment” at the EAES Wintermeeting 2019, Sevilla, Spain

02/24/2019 Speaker: “Current condition of medical device development from Japan and Possibility of global expansion” at the 9th Fight Japan Study Group, Osaka, Japan

03/14/2019 Speaker: “Osaka University Hospital Program –Utilize of Clinical Site for Personnel Training of Medical Device Development” at the Report Session of the Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan, Tokyo, Japan

04/03/2019 Moderator: “SS09: Colorectal Videos I” at the SAGES 2019 Annual Meeting, Baltimore, U.S.A

04/09/2019 Speaker: “How to Proceed Medical Device Development” at CASTEM, Fukuyama, Japan

04/18/2019 Moderator: “PS-010 Poster Session (10) Medical Device Development” at the 119th Annual Congress of Japan Surgical Society, Osaka, Japan

05/18/2019 Speaker: Award Lecture, Ozawa Award, Kyusenkai, Osaka University Graduate School of Medicine, Department of Surgery, Osaka, Japan

05/20/2019 Speaker: “Special Lecture” at Division of Sustainable Energy and Environmental Engineering, Graduate School of Engineering, Osaka University, Osaka, Japan

06/12/2019 Moderator: “TS1. Technology Symposium morning: Technology solutions to prevent and to treat complications” at the International Congress of the European Association for Endoscopic Surgery (EAES), Sevilla, Spain

06/12/2019 Speaker: “Endoluminal surgery” at Speed dating lunch at the International Congress of the European Association for Endoscopic Surgery (EAES), Sevilla, Spain

06/13/2019 Speaker: “Endoluminal robotic systems” at the International Congress of the European Association for Endoscopic Surgery (EAES), Sevilla, Spain

06/14/2019 Moderator: “S53 Gerhard Buess technology award session” at the International Congress of the European Association for Endoscopic Surgery (EAES), Sevilla, Spain

06/14/2019 Moderator: “S76 Technique, tips and tricks in robotic surgery” at the International Congress of the European Association for Endoscopic Surgery (EAES), Sevilla, Spain

06/20/2019 Speaker: “Paradigm shift at operating room; the possibility of visualization of the procedure using IoT” at the 44th Japanese college of surgeons, Kanazawa, Japan

07/18/2019 Moderator: “Devising how to use medical instruments at digestive surgery” at the 74th Japanese Society of Gastroenterological Surgery, Tokyo, Japan

07/18/2019 Speaker: “What is needed for the doctors who are leading medical device development” at the 26th Surgery Forum at Tokyo, Japan

08/02/2019 Discussant: “Present and Future of the robot-assisted surgery; from Heisei to Reiwa” at the 8th Reduced Port Surgery Forum, Tokyo, Japan

09/21/2019 Moderator: “Medical Device Development of Endoscopic Surgery” at the 32th Kinki Endoscopic Surgery Society, Osaka, Japan

10/04/2019 Opening remark at AMED 1st Business Seminar for Medical Devices” Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

10/04/2019 Speaker: “Medical device” at AMED 1st Business Seminar for Medical Devices Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

10/04/2019 Closing remark at AMED 1st Business Seminar for Medical Devices Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

10/28/2019- Course director at 1st Clinical Training (1st Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

11/06/2019 Speaker: “Future Minimally Invasive Treatment –Importance of industry-academia collaboration-” at the 56th Hyogo Endoscopic Treatment Meeting”, Kobe, Japan

11/12/2019- Course director at 1st Clinical Training (2st Term), granted by Japan Agency for Medical Research and Development, Osaka, Japan

11/14/2019 Speaker: “A shift of robotics, from intra-abdominal to endo-luminal: Are we ready?” at the 57th Annual Meeting of the Japanese Society for Artificial Organs, Osaka, Japan

11/21/2019 Speaker: “SPACE technologies for EFTR” at the 14th ELSA 2019: (Endoscopic and Laparoscopic Surgeons of Asia), Chiang Mai, Thailand

11/23/2019 Speaker: “Opening remark” at the 13th J-CASE, Kobe, Japan

11/23/2019 Moderator: “Endoscopic minimally invasive resection from EFTR to real pure NOTES” at the 13th Japan Consortium for Advanced Surgical Endoscopy, Kobe, Japan

11/29/2019 Opening remark at AMED 1st Brainstorming for Medical Device Development Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

11/29/2019 Closing remark at AMED 1st Brainstorming for Medical Device Development Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

12/06/2019 Award Lecture: “Ogami Award Lecture: Medical Device Development Led by Academia: Effort of Project ENGINE” at the 32nd Annual Meeting of the Japan Society for Endoscopic Surgery, Yokohama, Japan

12/06/2019 Moderator: “Symposium 12” at the 32nd Annual Meeting of the Japan Society for Endoscopic Surgery, Yokohama, Japan

01/24/2020 Speaker: “Session 2. Re-live surgery to demonstrate & discuss the use of technology in the OR Endoscopic treatment of post-esophagectomy severe reflux using OverStitch” at the EAES Wintermeeting 2020, Kraków, Poland

01/24/2020 Speaker: “Session 3. How technology can help us to treat complications new haemostatic agents” at the EAES Wintermeeting 2020, Kraków, Poland

02/01/2020 Moderator: “Oral Presentation 13: Upper Digestive of Needle 2” at the 22th Needlescopic Surgery Meeting, Kobe Japan

02/08/2020 Speaker: “Medical Device Development by Medical Doctor –Learning from Pediatric Surgery-” at the Kansai Pediatric Endoscopic Surgery Meeting, Osaka Japan

02/09/2020 Opening remark at the Symposium on Perspectives of UN and WHO on Global Health, Tokyo, Japan

02/09/2020 Speaker: “Publication details on WHO compendium of innovative health technologies for low-resource settings” at the Symposium on Perspectives of UN and WHO on Global Health, Tokyo, Japan

02/20/2020 Speaker: “Medical Device Development by Medical Doctor –Ideal Way of Industry Academia Collaboration-” at the 2nd NCCH Medical Device Development Team Seminar, Tokyo Japan

02/18/2020 Speaker: “Visualization of Endoscopic Surgery Looking beyond the Era of Networking of Medical Devices” at Teijin Mirai Studio, Tokyo Japan

04/28/2020 Speaker: “Innovation in Personal Protective Equipment (PPE)” at MedTech X Covid-19, Hong Kong (online)

06/23/2020 Moderator: “Session 1: Technology and corona” at EAES Virtual Congress 2020, Virtual

08/13/2020 Moderator: “Symposium 4” at the 120th Annual Congress of Japan Surgical Society, Yokohama, Japan

09/11/2020 Moderator: Symposium “Advances, Innovation & Telehealth” at ELSA 2020 Virtual Congress, Singapore (online)

09/12/2020 Speaker: “Symposium "Technological Advances for Endoluminal Surgery" at ELSA 2020 Virtual Congress, Singapore (online)

09/25/2020 Speaker: “Will the covid-19 change? Detect to Protect Surgical Smoke” at 36th Study group of Department of Gastroenterological Surgery, Risk Management Subcommittee, Osaka Japan (online)

10/30/2020 Speaker: “Surgeon-Initiated Medical Device Development” at the 82nd Annual Congress of Japan Surgical Association, Osaka Japan (online)

11/06/2020 Moderator: “Gastrectomy: Surgery (Malignant)” at JDDW 2020, Kobe Japan

11/27/2020 Moderator: “Face shield Crowdfunding Debriefing Online Meeting” Osaka Japan (online)

11/27/2020 Opening remark at AMED Online Workshop for Medical Devices Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan (online)

12/15/2020 Moderator: “Workshop2 Esophagus: Reconsideration of Esophageal Hiatal Hernia” at the 75th Annual Meeting of the Japan Society of Gastroenterological Surgery, Wakayama, Japan

12/16/2020 Speaker: “Medical Device Development by Enthusiastic Company Working with Enthusiastic Surgeon” at AMED Plenary Webex Meeting of 14 bases, Japan (online)

02/03/2021 Speaker: “Medical Device Development lead by Doctor: A Message to Companies” at Medical Device Development Seminar, Kobe (MEDDEC), Japan (online)

03/12/2021 Speaker: “Development and Free Distribution of Personal Protective Equipment Based on Industry-academia-government collaboration from both Virtual and Real Sides” at JSES, Yokohama, Japan

03/15/2021 Speaker: “Current State of Medical Device Development “from Japan“ and Possibility of Global Expansion” at the 9th X(Cross) Innovation Initiative Osaka University Forum, Osaka Japan

07/08/2021 Moderator: “General Presentation79: Gastroduodenal: Laparoscopy 4” at the 76th General Meeting of the Japanese Society of Gastroenterological Surgery, Kyoto, Japan

07/30/2021 Moderator at AMED Business Seminar for Medical Devices Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

09/25/2021 Speaker: “Will Interventional Digestivist Relize?” at Kinki Endoscopic Surgery 2021, Osaka, Japan (online)

10/15/2021 Moderator at AMED Business Seminar for Medical Devices Support Program on Collaborative Innovation Networks for Medical Device”, Osaka, Japan

10/21/2021 Moderator: Special Symposium3 “Current status and prospects of medical information-guided surgery”, at the 59th Annual Meeting of Japan Society of Clinical Oncology, Yokohama, Japan

11/06/2021 Moderator: Medical Staff Program 2 “Medical-Engineering Collaboration in Gastrointestinal Team Medical Care”, at the 29th JDDW, Kobe, Japan

11/21/2021 Speaker: “Thermodynamics of laparoscopy revisited: A new scope warmer / cleaner in the era of global surgery”, at 15th Asia-Pacific Congress of Endoscopic and Laparoscopic Surgeons of Asia (ELSA 2021), Hong Kong, China

11/23/2021 Speaker: “The R&D Frontline 2021: Update from Project ENGINE”, at 14th International NOTES WIDER Barcelona, Barcelona, Spain

11/24/2021 Speaker: “TS1. Technology symposium: Use of 3D printers for medical devices on demand”, at 17th IFSES World Congress of Endoscopic Surgery (WCES2021 Barcelona), Barcelona, Spain

11/24/2021 Speed Dating Lunch: “Endoluminal surgery”, at 17th IFSES World Congress of Endoscopic Surgery (WCES2021 Barcelona), Barcelona, Spain

11/24/2021 Speaker: “The EAES intellectual property awareness survey”, at 17th IFSES World Congress of Endoscopic Surgery (WCES2021 Barcelona), Barcelona, Spain

11/25/2021 Panelist: “S43. Consensus conference Fluorescence”, at 17th IFSES World Congress of Endoscopic Surgery (WCES2021 Barcelona), Barcelona, Spain

11/25/2021 Moderator: “S112 the hybrid surgeon”, at 17th IFSES World Congress of Endoscopic Surgery (WCES2021 Barcelona), Barcelona, Spain

12/03/2021 Advisor: “Medical-engineering collaboration Session1, Series: Medical device development by surgeons - 1. Medical-engineering collaboration from young people-”, at the 34th Annual Meeting of the Japan Society for Endoscopic Surgery, Kobe, Japan

12/04/2021 Moderator: “Medical-engineering collaboration Session4, Surgeon and Venture – Light and Shadow-”, at the 34th Annual Meeting of the Japan Society for Endoscopic Surgery, Kobe, Japan

12/04/2021 Speaker: “Challenges and Possibilities for Flexible Robots”, at the 34th Annual Meeting of the Japan Society for Endoscopic Surgery, Kobe, Japan

12/08/2021 Course director at Clinical Training, granted by Japan Agency for Medical Research and Development, Osaka, Japan

12/13/2021- Course director at Clinical Training, granted by Japan Agency for Medical Research and Development, Osaka, Japan

03/04/2022 Moderator: at AMED “Project to Build Foundations to Support and Incentivize Development of Medical Devices Made in Japan” at the Joint Symposium, Project ENGINE, Osaka, Japan

04/16/2022 Moderator: “Digital Poster Session(127)” at the 122nd Annual Congress of Japan Surgical Society, Kumamoto, Japan (online)

07/07/2022 Speaker: S52 Sir Alfred Cuschieri Technology lecture “Medical device R&D: across the boundary” at the 30th EAES Annual Congress, Kraków, Poland

07/11/2022 Speaker: “Medical device development where enthusiastic clinicians go along with enthusiastic companies” at Kansai Medical Device Industry Support Network Meeting, Osaka, Japan

07/12/2022 Speaker: “India Mission” at METI Kansai Bureau of Economy, Trade and Industry, Osaka, Japan

07/13/2022 Speaker: “Medical device development through industry-academia collaboration: current status and issues” at Shiga Prefecture Industrial Support Center, Shiga, Japan

07/21/2022 Moderator: “Oral Presentation 213 Gastric / Duodenum: Joint cancer” at 77th General Meeting of the Japanese Society of Gastroenterological Surgery, Yokohama, Japan

08/18/2022 Speaker: “Engagement in development of UHC devices” at Asia Sectional Meeting of the Japan Federation of Medical Devices Associations, Tokyo, Japan (online)

08/26/2022 Speaker: “Research and development of medical devices related to minimally invasive treatment through industry-academia collaboration” at Japan Research Community for Science and Technology, Tokyo Japan

10/06/2022 Moderator: Symposium 5, Surgical Endoscopy 1 “Advanced endoscopic technology” at the18th World Congress of Endoscopic Surgery (WCES2022), Busan, Korea

10/06/2022 Speaker: Special Session 2 “The clinical implementation of NOTES spin-off devices” at the 18th World Congress of Endoscopic Surgery (WCES2022), Busan, Korea

10/30/2022 Moderator: “Extreme Endoscopy: a New Paradigm in Interventional Endoscopy” at the 15th Japan Consortium for Advanced Surgical Endoscopy (J-CASE), Fukuoka, Japan

12/10/2022 Speaker:” Medical Device Developments for realization of Universal Health Coverage” at the 35th Annual Meeting of the Japan Society for Endoscopic Surgery, Nagoya, Japan

05/17/2023 Speaker. ” Intra-gastric surgery revisited”, at Israeli Surgical Association, Kfar Bloom, Israel

05/18/2023 Speaker. “The surgeon entrepreneur in an academic center-The ENGINE project, Osaka” at Israeli Surgical Association, Kfar Bloom, Israel

06/21/2023 Chair.” S24 From the bench to the OR” at 31th International Congress of the European Association for Endoscopic Surgery, Roma, Italy

06/22/2023 Speaker. “What you need to know before developing a medical device” at 31th International Congress of the European Association for Endoscopic Surgery, Roma, Italy

06/23/2023 Course director. “Innovation Bootcamp” at 31th International Congress of the European Association for Endoscopic Surgery, Roma, Italy

07/14/2023 Chair.” (Top) Surgical treatment for gastric submucosal tumor” at the 78th Annual meeting of the Japanese Society of Gastroenterological Surgery, Hakodate, Japan

07/15/2023 Speaker. “Unmet Clinical Needs: ”Starting point for medical device research and development” at 7th Nihon University Pediatric Surgery Alumni, Tokyo, Japan

08/18/2023 Chair. “A new era in research medical device development” at the 10th Reduced Port Surgery Forum, Kokura, Japan

08/26/2023 Speaker. “Development of new medical devices with awareness of Universal Health Coverage” at 22 th Japanese society for Medical Virtual Reality, Osaka, Japan

10/20/2023 Moderator. “Emerging Technologies and Devices” at the 34th the Society for Medical Innovation and Technology, Lukang, Taiwan

12/02/2023 Speaker. “How to collaborate in Medical Engineering: JSES/JSCAS Joint Session” at 32 th Japan Society of Computer aided surgery, Kagoshima, Japan

01/12/2024 Speaker. “Can we break the Barrier Between flexibility and rigidity? -Approaches of Project ENGINE-” at Keio University Endoscopy Symposium, Tokyo, Japan

04/18/2024 Moderator. “SF-13 Surgical Forum Stomach-Diagnosis and Education” at the 124th Annual congress of Japan Surgical Society, Nagoya, Japan

05/17/2024 Speaker. “Limitation of using flexible robot inside the abdomen” at 2024 IEEE International Conference on Robotics and Automation, Yokohama, JAPAN

05/23/2024 Speaker. “Development of flexible endoscope-related equipment: Surgeon's perspective” at the 464th International treatment discussion group regular meeting, Tokyo, Japan (online)

06/11/2024 Speaker. “The surgeon as a leader in surgical instrument design” at 32th International Congress of the European Association for Endoscopic Surgery, Maastricht,The Netherlands

06/14/2024 Course director. “Innovation Bootcamp” at 32th International Congress of the European Association for Endoscopic Surgery, Maastricht,The Netherlands

06/21/2024 Speaker: “Initiatives to support small and medium-sized enterprises ” at 36th Monodukuri world, Tokyo Japan

07/19/2024 Chair.” Stomach and Duodenum: Surgical Support ” at the 79th Annual meeting of the Japanese Society of Gastroenterological Surgery, Yamaguchi, Japan

08/09/2024 Moderator :” Will EFTR, NOTES, and LECS be the key to the revival of RPS? ~ Collaboration between endoscopists and surgeons ~” at the 11th Reduced Port Surgery Forum,Kanazawa,Japan

09/26/2024 Chair. “Updates in Flexible endoscopy” at the 35th the Society for Medical Innovation and Technology, Caceres Spain

09/26/2024 Speaker: “Ergonomics in flexible endoscopy new insights” at the 35th the Society for Medical Innovation and Technology, Caceres Spain

11/02/2024 Moderator: “2023 Research Grant Project Report ” at the 17th Japan Consortium for Advanced Surgical Endoscopy (J-CASE), Kobe, Japan

11/03/2024 co-speaker. “Ergonomic design and usability evaluation of device aids in endoscopic therapy “at the 2nd Study group on ergonomic measures to prevent endoscope-related MSDs,Kobe,Japan

11/21/2024 Moderator: “Medical device development surrounding surgeons up to date” at The 86th annual Congress of Japan Surgical Association, Utsunomiya, Japan

12/06/2024 Moderator:”Lower Malignant Robotic Surgery AI” at The 37th Annual Meeting of The Japan Society for Endoscopic Surgery, Fukuoka, Japan

05/06/2025 Speaker. “Session10-Industry Session,Emerging Tech(AI,Telemed,Digital Health) ” at The 4th International Congress for Innovation in Global Surgery, Blantyre,Malawi

06/17/2025 Speaker. “Surgical smoke hazards” at The 33rd international congress of the European Association for Endoscopic Surgery (EAES), Belgrade, Serbia

07/16/2025 Chair. ” Gastroenterology: Development and Research ” at the 80th Annual meeting of the Japanese Society of Gastroenterological Surgery Surgery, Kobe, Japan

08/02/2025 Commentator. “ Thematic Session 12: Medical Device Development and Innovations Supporting the Advancement of Minimally Invasive Surgery”at 12th Reduced Port Surgery Forum, Tokyo, Japan

08/06/2025 Speaker. “Sustainable innovation in medical device R&D” at Veterinary Endoscopy Society Annual Conference、Kyoto,Japan

11/01/2025 Chair. “Colon (Malignant Tumor [Recurrence/Metastasis]) 2” at 23th Japanese society for Medical Virtual Reality, Kobe, Japan

11/22/2025 Chair. “Advanced Session ④: Overcoming the Turbulence of Medical–Engineering Collaboration — What We Learn from Challenges” at The 34th Annual Meeting of the Japanese Society for Computer Aided Surgery, Tokyo, Japan

12/06/2025 Speaker. “Development of Flexible Endoscopic Devices: A Surgeon’s Perspective” at The 46th Yamagata Gastrointestinal Therapeutic Endoscopy Study Meeting, Yamagata, Japan

12/11/2025 Moderator. “Mini‐Oral 18: Lower Gastrointestinal Surgery — Surgical Techniques 2” at The 38th Annual Meeting of the Japan Society for Endoscopic Surgery, Yokohama, Japan

01/23/2026 Speaker. “Factors contributing to successful medical device developmen” at Symposium on Innovation in Surgery (EAES), Porto, Portugal

02/13/2026 Chair. “ From Frontline Challenges to Innovation: How Problems Lead to New Healthcare” at The 41st Annual Scientific Meeting of the Japanese Society of Nutrition and Therapeutics, Yokohama, Japan

03/30/2026 Speaker. “Protecting Your Medical Ideas - A Practical Guide for Surgeons in Resource-Limited Settings -” at ICIGS executive board meeting (online)

06/23/2026 Chair. “Technology symposium: From Hippocratic oath to personalised precision surgery” at The 34rd international congress of the European Association for Endoscopic Surgery (EAES), Athenes, Greece

06/24/2026 Speaker. “Ergonomic study on flex endo, an update” at The 34rd international congress of the European Association for Endoscopic Surgery (EAES), Athenes, Greece

06/24/2026 Chair. “Joint EAES - JSES: Gendered innovations in surgery: Bridging East and West” at The 34rd international congress of the European Association for Endoscopic Surgery (EAES), Athenes, Greece

07/17/2026 Chair. ” Stomach and duodenum: Emergency and perforation ” at the 81th Annual meeting of the Japanese Society of Gastroenterological Surgery, Yokohama, Japan

Other Professional Activities:

2002 – 2003 Tutor in Surgery, Minimal Access Surgery Center, New York-Presbyterian Hospital, New York, NY, USA (Supervisor: Dennis L. Fowler, M.D.)

2003 Certificated Robotic System Operator, Robotic Zeus System Training Workshop, Intuitive Surgical, Inc. Sunnyvale, CA, USA (approved on 12/11/2003)

2004 – present Guest Faculty, Laparoscopic Colon Surgery Hands-on Course, Cornell University, New York, NY, USA (Supervisor: Jeffrey W. Milsom, M.D.)

2006 Assistant investigator, clinical trial phase III (SU-011248), Pfizer Japan Inc., Tokyo, Japan

2007 – present Faculty, New York Presbyterian Hospital NOTES Hands-on Course, New York, NY, USA

2007 Consultant, CSL Behring, Tokyo, Japan
2007 Assistant investigator, post-market surveillance (Gleevec®), Novartis Pharma K.K., Tokyo, Japan
2007 Certificated “Clinical training instructor sessions” at Osaka University, Osaka, Japan
2008 Advisory panel member, Stryker Endoscopy, San Jose, CA, USA
2009 Consultant, Tyco Healthcare Japan (Covidien), Tokyo, Japan
2009 Assistant investigator, international head-to-head trial of first line chemotherapy for GIST: Novartis Pharma K.K., Tokyo, Japan
2009 – present Primary investigator, Project ENGINE (Endeavour for Next Generation of INterventional Endoscopy), website: http://project-engine.org
2012 – present Scientific advisory board, EndoMaster Pte. Ltd., Singapore
2013 Advisory board, Osaka Chamber of Commerce and Industry, Osaka, Japan
2017 Advisory Staff, Medical TAKUMI Japan project, Kanto Bureau of Economy, Trade and Industry website: http://med-takumi.go.jp/surgeon/, http://med-takumi.go.jp/products/detail36.php
2017 – present Advisory board, Industry-academia-government collaboration Committee, Japan Gastroenterological Endoscopy Society (JGES)
2017 Certificated “Palliative care sessions” of Ministry of Health, Labor and Welfare, Japan

Patent application:

Total number of patent applications: 161(registered: 66 (US:10, CN:7, EPC:8, JP:41)
(including withdrawal, abandoned, PCT applications, etc.)
(3 patents：supported by JST foreign application supporting system)
Total number of design applications: 23 (registered: 20)
Total number of trademark applications: 16 (registered: 15)

2008 Inventor, dilating overtube system for transgastric access in NOTES, #2008-160493 (had filed the PCT application <PCT/JP2009/060927> claiming priority and entered into the national phase in the JP), registered in JP

2009 Inventor, Insufflating guidewire system for safe transgastric access in NOTES, #2009-010595 (had filed the PCT application <PCT/JP2010/050602> claiming priority and entered into the national phase in the JP and US) supported by Japan Science and Technology Agency, registered in JP and US

2009 Inventor, Retractor for flexible endoscope, #2009-017880 (had filed the PCT application <PCT/JP2010/050963> claiming priority and entered into the national phase in the JP)

2009 Inventor, Overtube with helical working channel, #2009-160088 (had filed the PCT application <PCT/JP2010/061472> claiming priority and entered into the national phase in the JP and US) supported by Japan Science and Technology Agency, registered in JP

2009 Coinventor, Overtube with detouchable valve, #2009-195605 (had filed the applications <2010-096377 and 2010-096378> claiming priority), registered in JP

2010 Coinventor, Flexible endoscopic multi-surgical probe, #2010-064882 and #2010-199913 (had filed the PCT application <PCT/JP2011/054971> claiming priority and entered into the national phase in the JP, US, EP, KR and CN), registered in JP and CN

2011 Coinventor, Endoscopic insufflation system, #2011-070293 (had filed the applications in US, EP and CN claiming priority), registered in JP, CN and EP

2011 Coinventor, Three dimensional endoscopic retractor, #2011-040943 (had filed the PCT application <PCT/JP2011/071205> claiming priority and entered into the national phase in the JP, US and EP), registered in JP

2011 Coinventor, Micro-snake retraction system, #2011-269473, registered in JP

2012 Coinventor, Overtube for endoscope, #2012-014100, registered in JP

2012 Inventor, Lubricant application hole for continuously rotating overtube, #2012-070724 (had filed the PCT application <PCT/JP2013/058677> claiming priority and entered into the national phase in the JP) supported by Japan Science and Technology Agency, registered in JP

2012 Inventor, Endoscope with rotating second channel, #2012-088140

2012 Coinventor, Applicator for hemostatic agents, #2012-281494 (had filed the PCT application <PCT/JP2013/081439> claiming priority and entered into the national phase in the JP, US and EP), registered in JP, US and EP

2012 Coinventor, Insufflation system, #2012-258654 (had filed the PCT application <PCT/JP2013/081713> claiming priority and entered into the national phase in the JP, US, EP and CN), registered in JP, US, and EP

2013 Coinventor, Insufflation system, #2013-193153 (had filed the applications in US, EP and CN claiming priority), registered in JP, EP, US and CN

2013 Coinventor, Full Cocoon type surgical retractor, #2013-243891 (had filed the PCT application <PCT/JP2014/059262> claiming priority and entered into the national phase in the JP, US, EP and CN), registered in JP, CN, US and EP

2014 Coinventor, Overtube with safety locking mechanism, #2014-024937 (had filed the PCT application <PCT/JP2015/053869> claiming priority and entered into the national phase in the JP and EP), registered in JP and EP(DE and UK)

2014 Coinventor, Overtube with dedicated lumen for insufflation, #2014-023721 (had filed the PCT application <PCT/JP2015/053704> claiming priority and entered into the national phase in the JP), registered in JP

2014 Coinventor, Hemi Cocoon type surgical retractor, #2014-005685 (had filed the PCT application <PCT/JP2015/051039> claiming priority and entered into the national phase in the JP, US, EP and CN), registered in JP, US and EP

2014 Coinventor, Insufflation system, #2014-080256 (had filed the applications in EP, CN and US claiming priority), registered in JP, EP, US and CN

2014 Coinventor, Insufflation system, #2014-080255 (had filed the applications in US claiming priority), registered in JP and US

2014 Coinventor, Isolation bag, #2014-028531 (had filed the PCT application <PCT/JP2015/054447> claiming priority and entered into the national phase in the JP and CN), registered in CN and JP

2014 Coinventor, Specimen isolation bag, #2014-078893 (had filed the PCT application <PCT/JP2014/063440> claiming priority and entered into the national phase in the JP), registered in JP

2015 Coinventor, Catheter for endoscope, #2015-031111

2015 Coinventor, Sterilized gown, #2015-185721 (had filed the application in US claiming priority), registered in JP

2016 Coinventor, Image processing program, image processing method and image processing apparatus, #2016-184889

2016 Coinventor, Endoscopic snare, #2016-018568 (had filed the applications in US and CN claiming priority), registered in US

2016 Coinventor, Display control program, display control method and information processing apparatus, #2016-184890

2016 Inventor, Endoscope apparatus and endoscope system, #2016-144323 (had filed the PCT application <PCT/JP2017/026351> claiming priority and entered into the national phase in the JP, US and EP), registered in JP

2016 Coinventor, Catheter for endoscope, PCT application <PCT/JP2016/072869>

2016 Coinventor, Medical cotton swab, #2016-236081, registered in JP

2017 Coinventor, Handle of retractor, #2017-135192 (had filed the PCT application <PCT/JP2018/025603> claiming priority and entered into the national phase in the JP, US and DE), registered in JP

2017 Coinventor, Endoscopic treatment instrument, #2017-189328

2017 Coinventor, Endoscopic snare, #2017-232377, registered in JP

2018 Inventor, Medical drone system, #2018-143985, registered in JP

2018 Coinventor, Medical swab, #2018-195785

2019 Inventor, Endoscopic instruments and assistive devices for endoscopic instruments #2019-006988 (had filed the PCT application <PCT/JP2020/001575> claiming priority and entered into the national phase in the JP)

2019 Coinventor, Overtube device for endoscope 2019-227600, registered in JP

2019 Coinventor, Endoscope processing material 2019-183957, registered in JP

2019 Coinventor, Endoscopic snare 2019-148785, registered in JP,CH,HK

2020 Inventor, Endoscopic attached devices 2020-015176, registered in JP

2020 Coinventor, Snare wire and snare for endoscopic 2020-015658

2020 Coinventor, Detachable retractor 2020-140945, registered in JP

2020 Coinventor, Magnesium prosthesis (arch) 2020-150718

2020 Coinventor, Magnesium Prosthesis (Meanda) 2020-150719

2020 Coinventor, New type of forceps plug for endoscopes with removable leak-proof bag 2020-183496

2020 Coinventor, Flexible ultrasound generator 2020-132615 (had filed the PCT application <PCT/JP2021/028975> claiming priority and entered into the national phase in the US)

2020 Coinventor, Endoscope holder 2020-211199, registered in JP

2021 Coinventor, Neutral box for clean field 2021-179585, registered in JP

2021 Coinventor, Post gastric ESD bleeding prevention device 2021-054987, registered in JP

2021 Coinventor, endoscope forceps plug 2021-153275 (had filed the applications<2022-149344> claiming priority) , registered in JP

2022 Coinventor, Surgical Smoke Exposure Prevention Device 2022-200106

2022 Coinventor, ALGINIC ACID SALT AND HEMOSTATIC MATERIAL CONTAINING SAME,2022-101906(had filed the PCT application claiming priority<PCT/JP2023/021937> and entered into the national phase in the US,TH,KR,EP) registered in JP

2022 Coinventor, Cleaning Bag and *Cleaning Bag Package 2022-070205, registered in JP

2023 Coinventor, *[redacted]

2023 Inventor, **[redacted]

2023 Inventor, *[redacted]

2023 Coinventor, *[redacted]

2023 Coinventor, **[redacted]

2024 Coinventor, *[redacted]

2025 Coinventor,*[redacted]

2025 Coinventor,*[redacted]

2025 Coinventor,*[redacted]

2026 Coinventor,**[redacted]

2026 Coinventor,**[redacted]

Publications (in English only, in chronological order).

<u>Original Peer-reviewed Articles</u>:

1. **Nakajima K**, Fukuzawa M, Fukui Y, Komoto Y, Usui N, Iiboshi Y, Nose K, Okada A: Laparoscopic resection of mass-screened adrenal neuroblastoma in an 8-month-old infant. Surg Laparosc Endosc. 1997; 7: 498-500.

2. **Nakajima K**, Fukui Y, Kamata S, Usui N, Kobayashi T, Nakai H, Fukuzawa M, Okada A: Successful laparoscopic cholecystectomy in a child with upper transverse scarring: report of a case. Surg Today. 1998; 28: 959-961.

3. **Nakajima K**, Fukuzawa M, Kusafuka T, Tsuji H, Oue T, Inoue M, Komoto Y, Okada A: Metachronous multiple colorectal cancer with genomic instability in a child. Med Pediatr Oncol. 1998; 31: 549-550.

4. **Nakajima K**, Fukuzawa M, Minami M, Fujii Y, Fukui Y, Usui N, Komoto Y, Takashina M, Okada A; Videothoracoscopic resection of the anterior mediastinal teratoma in a child. Report of a case. Surg Endosc. 1998; 12: 54-56.

5. Sasaki T, Hasegawa T, **Nakajima K**, Tanano H, Wasa M, Fukui Y, Okada A: Endoscopic variceal ligation in the management of gastroesophageal varices in postoperative biliary atresia. J Pediatr Surg. 1998; 33: 1628-1632.

6. **Nakajima K**, Wasa M, Kawahara H, Hasegawa T, Soh H, Taniguchi E, Ohashi S, Okada A: Revision laparoscopy for incarcerated hernia at a 5-mm trocar site following pediatric laparoscopic surgery. Surg Laparosc Endosc. 1999; 9: 294-295.

7. **Nakajima K**, Wasa M, Soh H, Taniguchi E, Ohashi S, Okada A: How I do it: Percutaneous hepatic suspension method for better exposure of the esophageal hiatus. Pediatric Endosurgery & Innovative Techniques. 1999; 3: 195-197.

8. **Nakajima K**, Wasa M, Sou H, Kusafuka T, Imura K, Okada A: Laparoscopic resection of adrenal tumors in children. Pediatric Endosurgery & Innovative Techniques. 1999; 3: 73-77.

9. **Nakajima K**, Wasa M, Kawahara H, Soh H, Taniguchi E, Ohashi S, Okada A: Laparoscopic esophagomyotomy with Dor anterior fundoplication in a child with achalasia. Surg Laparosc Endosc. 2000; 10: 236-238.

10. Taniguchi E, Ohashi S, Takiguchi S, Yumiba T, Itoh T, **Nakajima K**, Matsuda H: Laparoscopic intragastric surgery using a radially expandable sleeve. Surg Endosc. 2000; 14: 505-507.

11. Kamata S, Sawai T, Nose K, Hasagawa T, **Nakajima K**, Soh H, Okada A: Extralobar pulmonary sequestration with venous drainage to the portal vein: a case report. Pediatr Radiol. 2000; 30: 492-494.

12. Kawahara H, Imura K, **Nakajima K**, Yagi M, Kamata S, Okada A: Motor function of the esophagus and the lower esophageal sphincter in children who undergo laparoscopic nissen fundoplication. J Pediatr Surg. 2000; 35: 1666-1671.

13. Kawahara H, **Nakajima K**, Soh H, Hasegawa T, Wasa M, Taniguchi E, Ohashi S, Okada A: Three-dimensional pressure imaging: a novel method for intraoperative manometry during laparoscopic esophagomyotomy for esophageal achalasia. Pediatr Surg Int. 2001; 17: 455-458.

14. Kimura T, **Nakajima K**, Wasa M, Yagi M, Kawahara H, Soh H, Ohtani M, Okada A: Successful laparoscopic fundoplication in children with ventriculoperitoneal shunts. Surg Endosc. 2002; 16: 215-215.

15. Kawahara H, **Nakajima K**, Yagi M, Okuyama H, Kubota A, Okada A: Mechanisms responsible for recurrent gastroesophageal reflux in neurologically impaired children who underwent laparoscopic Nissen fundoplication. Surg Endosc. 2002; 16: 767-771.

16. Usui N, Kamata S, Kawahara H, Sawai T, **Nakajima K**, Soh H, Okada A: Usefulness of endoscopic ultrasonography in the diagnosis of congenital esophageal stenosis. J Pediatr Surg. 2002; 37: 1744-1746.

17. **Nakajima K**, Wasa M, Soh H, Sasaki T, Taniguchi E, Ohashi S, Okada A: Laparoscopically-assisted surgery for congenital gastroduodenal diaphragm in children. Surg Laparosc Endosc Percutan Tech. 2003; 13: 36-38.

18. **Nakajima K**, Wasa M, Takiguchi S, Taniguchi E, Soh H, Ohashi S, Okada A: A modular laparoscopic training program for pediatric surgeons. JSLS. 2003; 7: 33-37.

19. Kimura T, **Nakajima K**, Wasa M, Hasegawa T, Soh H, Mushiake S, Okada A: Laparoscopic liver biopsy performed safely in a child with hepatic dysfunction: report of a case. Surg Today. 2003; 33: 712-713.

20. **Nakajima K**, Lee SW, Cocilovo C, Foglia C, Kim KH, Sonoda T, Milsom JW: Hand-assisted laparoscopic colorectal surgery using Gelport: Initial experience with a new hand access device. Surg Endosc. 2004; 18: 102-105.

21. Sugitani A, Ishibashi M, Ito T, **Nakajima K**, Matsuno N, Kanazawa Y, Motoyama K, Yamamoto H, Inoue S, Ota M, Yoshida J.-I, Tanaka M: Pancreas–Kidney transplantation in Japan: impact of cyclosporine on the development of immunosuppressive therapy. Transplant. Proc. 2004; 36: 356S-361S.

22. **Nakajima K**, Milsom JW, Margolin DA, Szilagy, EJ: Use of the surgical towel in hand-assisted laparoscopic colorectal surgery. Surg Endosc. 2004; 18: 552-553.

23. **Nakajima K**, Lee SW, Cocilovo C, Foglia C, Sonoda T, Milsom JW: Laparoscopic total colectomy: Hand-assisted versus standard technique. Surg Endosc. 2004; 18: 582-586.

24. Ishibashi M, Ito T, Sugitani A, **Nakajima K**, Abe T, Matsuno N, Hirao Y, Gotoh M, Tanaka M, Teraoka S, Matsuda H, Taniguchi H, Fukao T, Kikkawa R, Idezuki Y, Kanazawa Y: Characteristics of Pancreas Transplantation Currently Performed in Japan. Transplant. Proc. 2004; 36: 1086-1089.

25. **Nakajima K**, Kawahara H, Wasa M, Soh H, Taniguchi E, Ohashi S, Okada A: Laparoscopic left-sided Nissen fundoplication in children. Surg Today. 2004; 34: 562-564.

26. Uchikoshi F, Ito T, Nezu R, Tanemura M, Kai Y, Mizushima T, **Nakajima K**, Tamagawa H, Matsuda C, Matsuda H: Advantages of laparoscope-assisted surgery for recurrent Crohn's disease. Surg Endosc. 2004; 18: 1675-1679.

27. **Nakajima K**, Lee SW, Sonoda T, Milsom JW: Intraoperative CO2 colonoscopy: A safe insufflation alternative for locating colonic lesions during laparoscopic surgery. Surg Endosc. 2005; 19: 321-325.

28. Omori T, **Nakajima K**, Nishida T, Uchikoshi F, Kitagawa T, Ito T, Matsuda H: A simple technique for circular-stapled Billroth I reconstruction in laparoscopic gastrectomy. Surg Endosc. 2005; 19: 734-736.

29. **Nakajima K**, Yasumasa K, Endo S, Takahashi T, Nishitani A, Nezu R, Nishida T: A versatile dual-channel CO2 insufflator for various CO2 applications: The prototype. Surg Endosc. 2006; 20: 334-338.

30. Endo S, Nishida T, Nishikawa K, Yumiba T, **Nakajima K**, Yasumasa K, Kitagawa T, Ito T, Matsuda H: Motility of the pouch correlates with quality of life after total gastrectomy. Surgery. 2006; 139: 493-500.

31. Yasumasa K, **Nakajima K**, Endo S, Ito T, Matsuda H, Nishida T: Carbon dioxide insufflation attenuates parietal blood flow obstruction in distended colon: potential advantages of carbon dioxide insufflated colonoscopy. Surg Endosc. 2006; 20: 587-594.

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