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THE KOREAN ASSOCIATION OF
ROBOTIC SURGEONS

Curriculum Vitae

***영문으로 작성 부탁드립니다.**

	Name in Full	Taiga Wakabayashi
	Country	Japan
	Affiliation	Ageo Central General Hospital
	Email	

Educational Background

- 2005 - Mar 2011 MD candidate, Nippon Medical School, Tokyo, Japan
- Apr 2014 - Mar 2016 Resident, Department of Surgery, Keio University School of Medicine, Tokyo, Japan
Apr 2016 - Sep 2019 PhD candidate, Keio University School of Medicine, Tokyo, Japan
- Apr 2018 - Mar 2019 Research Fellow, IRCAD, Strasbourg, France
- Apr 2020 - Mar 2022 Attending Surgeon, Department of Surgery, Isehara Kyodo Hospital, Kanagawa, Japan
Apr 2022 - Present Center for Advanced Treatment of Hepatobiliary and Pancreatic Diseases,
- Ageo Central General Hospital, Saitama, Japan

Professional Career

- 2011 Japanese National Medical License (No. 496739)
- 2018 Fundamentals of Laparoscopic Surgery Certification (No. 3426804721969)
- 2018 Intuitive Surgical da Vinci Robot Training Certification
- 2019 Board Certification of the Japan Surgical Society (No. 1009147)
- 2020 Board Certification of the Japan Society for Transplantation (No. 20200009)
- 2021 Board Certification of the Japanese Society of Gastroenterological Surgery (No. 3009687)
- 2021 Board Certification of the Japan Society of Hepatology (No. 9189)
- 2022 Board Certification of the Japan Gastroenterological Endoscopy Society (No. 20221058)



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- 2025 Board Certification of the Japan Society for Endoscopic Surgery (No. 25-GS-012)2024– Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo, Division of Hepatobiliary and Pancreatic Surgery, Associate Head

Research Field

- 2013-Present Japan Surgical Society
- 2014-Present Japan Surgical Association
- 2014-Present Journal of Japan Biliary Association
- 2014-Present Japan Society of Endoscopic Surgery
- 2014-Present Japan Society of Hepato-Biliary-Pancreatic Surgery
- 2014-Present Japan Society of Gastroenterological Surgery
- 2017-Present Society of American Gastrointestinal and Endoscopic Surgeons
- 2022-present Area committee member of project study in Endoscopic Liver Surgery Study Group
- 2022-present Publicity committee member of Japanese Society of Hepato-Biliary-Pancreatic Surgery



Papers, Books, etc. presented or published by your name

(topic title, year, conference name or presenting books)

1. Wakabayashi T, Ken JSC, Nie Y, Teshigahara Y, Gasque RA, Igarashi K, Wakabayashi G. "Precision Robotic Glissonean Approach for High-Branching G8 Pedicles in Hepatocellular Carcinoma." *Ann Surg Oncol*. 2025 Aug;32(8):5710.
2. Wakabayashi T, Gaudenzi F, Nie Y, Mishima K, Fujiyama Y, Igarashi K, Teshigahara Y, Mineta S, Bozkurt E, Wakabayashi G. "Reduced pancreatic fistula rates and comprehensive cost analysis of robotic versus open pancreaticoduodenectomy." *Surg Endosc*. 2025 Jun;39(6):3921-3929.
3. Wakabayashi T, Nie Y, Gaudenzi F, Teshigahara Y, Wakabayashi G. "Single Port Robotic Liver Resection: Metastasectomy for Recurrent Fibrolamellar Hepatocellular Carcinoma." *Ann Surg Oncol*. 2024 Nov;31(12):7889.
4. Wakabayashi T, Fujiyama Y, Mishima K, Igarashi K, Nie Y, Berardi G, Alomari M, Colella M, Wakabayashi G. "Laparoscopically Limited Anatomical Liver Resections: A Single-Center Analysis for Oncologic Outcomes of the Conceptual Procedure." *Ann Surg Oncol*, 2024 Feb;31(2):1243-1251.
5. Wakabayashi T, Wakabayashi G. "Invited Commentary: Perspective on Technique for Robotic Pancreaticojejunostomy." *J Am Coll Surg*. 2023 May 1;236(5):e15-e16.
6. Wakabayashi T, Cacciaguerra AB, Abe Y, Bona ED, Nicolini D, Mocchegiani F, Kabeshima Y, Vivarelli M, Wakabayashi G, Kitagawa Y. "Indocyanine Green Fluorescence Navigation in Liver Surgery: A Systematic Review on Dose and Timing of Administration." *Ann Surg*, 2022 Jun 1;275(6):1025-1034.
7. Wakabayashi T, Kitago M, Kitagawa Y. "Laparoscopy-assisted transduodenal papillectomy: how we do it (with video)." *Langenbecks Arch Surg*, 2021 Dec;406(8):2887-2890.
8. Wakabayashi T, Benedetti Cacciaguerra A, Ciria R, Ariizumi S, Durán M, Golse N, Ogiso S, Abe Y, Aoki T, Hatano E, Itano O, Sakamoto Y, Yoshizumi T, Yamamoto M, Wakabayashi G; Study Group of Precision Anatomy for Minimally Invasive Hepato-Biliary-Pancreatic surgery (PAM-HBP surgery). "Landmarks to identify segmental borders of the liver: A review prepared for PAM-HBP expert consensus meeting 2021." *J Hepatobiliary Pancreat Sci*, 2022 Jan;29(1):82-98.
9. Wakabayashi T, Barberio M, Urade T, Pop R, Seyller E, Pizzicannella M, Mascagni P, Charles AL, Abe Y, Geny B, Baiocchi A, Kitagawa Y, Marescaux J, Felli E, Diana M. "Intraoperative Perfusion Assessment in Enhanced Reality Using Quantitative Optical Imaging: An Experimental Study in a Pancreatic Partial Ischemia Model." *Diagnostics (Basel)*, 2021;11(1):93.
10. Wakabayashi T, Ouhmich F, Gonzalez-Cabrera C, Felli E, Saviano A, Agnus V, Savadjiev P, Baumert TF, Pessaux P, Marescaux J, Gallix B. "Radiomics in hepatocellular carcinoma: a quantitative review." *Hepatol Int*, 2019;13(5):546-559.
11. Wakabayashi T, Hibi T, Yoneda G, Iwao Y, Sawada Y, Hoshino H, Uemura S, Ban D, Kudo A, Takemura Y, Mishima K, Shinoda M, Itano O, Otsubo T, Endo I, Kitagawa Y, Tanabe M, Egawa H, Yamamoto M. "Predictive model for survival after liver resection for noncolorectal liver metastases in the modern era: a Japanese multicenter analysis." *J Hepatobiliary Pancreat Sci*, 2019;26(10):441-448.
12. Wakabayashi T, Obara H, Seki M, Shinoda M, Kitago M, Yagi H, Abe Y, Matsubara K, Yamada Y, Oshima G, Oki K, Nagoshi N, Watanabe K, Hibi T, Itano O, Hoshino K, Suzuki N, Kuroda T, Kitagawa Y. "Myelopathy due to Human T-cell Leukemia Virus Type-1 from the Donor after ABO-incompatible Liver Transplantation." *Ann Hepatol*, 2019;18(2):397-401.
13. Wakabayashi T, Felli E, Cherkaoui Z, Mutter D, Marescaux J, Pessaux P. "Robotic Central Pancreatectomy for Well-Differentiated Neuroendocrine Tumor: Parenchymal-Sparing Procedure." *Ann Surg Oncol*, 2019;26(7):2121.
14. Wakabayashi T, Yagi H, Tajima K, Kuroda K, Shinoda M, Kitago M, Abe Y, Oshima G, Hirukawa K, Itano O, Kitagawa Y. "Efficacy of New Polylactic Acid Non-Woven Fabric as Hemostatic Agent in Rat Liver Resected Model." *Surg Innov*, 2019;26(3):312-320.
15. Wakabayashi T, Felli E, Memeo R, Mascagni P, Abe Y, Kitagawa Y, Pessaux P. "Short-term outcomes of laparoscopic repeat liver resection after open liver resection: a systematic review." *Surg Endosc*, 2019;33(7):2083-2092.
16. Wakabayashi T, Abe Y, Kanazawa A, Oshima G, Kodai S, Ehara K, Kinugasa Y, Kinoshita T, Nomura A, Kawakubo H, Kitagawa Y. "Feasibility



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Study of a Newly Developed Hybrid Energy Device Used During Laparoscopic Liver Resection in a Porcine Model” Surg Innov, 2019;26(3):350-358.

17. Wakabayashi T, Felli E, Pessaux P, “Robotic DoublePurse-String Telescoped Pancreaticogastrostomy: How I Do It” World J Surg, 2019;43(2):604-607.

18. Wakabayashi T, Abe Y, Itano O, Shinoda M, Kitago M, Yagi H, Hibi T, Oshima G, Minagawa T, Kitagawa

Y. “Laparoscopic Repeat Liver Resection after Open Liver Resection: A Comparative Study from a Single Center” J Minim Access Surg, 2020;16(1):59-65.

19. Wakabayashi T, Shinoda M, Obara H, Kitago M, Yagi H, Abe Y, Matsubara K, Yamada Y, Oshima

G, Hirukawa K, Mizota T, Hibi T, Itano O, Hoshino K, Kuroda T, Kitagawa Y. “Decreased Incidence of Acute Cellular Rejection

in Low Muscle Mass Recipients after Living-Donor Liver Transplantation”

Transplant Proc, 2018;50(10):3626-3634.1.