

- **Name:** Kosuke Kobayashi
 - **Current Position & Affiliation:** Training doctor, Division of Hepatobiliary and Pancreatic Surgery, Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo
 - **Country:** Japan
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• Educational Background:

- Tokyo Medical University, Tokyo, Japan 2004-2010
- Physician's License No. 489997 on 7 May 2020
- Graduate School of Medicine, the University of Tokyo, Tokyo, Japan 2016-2020
- The Degree of Doctor of Philosophy (Degree Number: HAKUI 5513) on 23 March 2020

• Professional Experience:

- Japanese Red Cross Medical Center, Japan, resident, 01 April 2010 – 31 March 2012
- Tokyo University Hospital, Japan, resident, 01 April 2012 – 30 September 2012
- Ibaraki Prefecture Central Hospital, Japan, Assistant, 01 October 2012 – 31 March 2015
- Tokyo University Hospital, Japan, Assistant, 01 April 2015 – 31 March 2017
- Tokyo Yamate Medical Center, Japan, 01 April 2017 – 31 March 2018
- Centre Hospitalier Universitaire Vaudois (Lausanne University Hospital), Switzerland, Attending staff, 01 May 2018 – 30 April 2020
- Tokyo University Hospital, Hepatobiliary and Pancreatic Surgery, Artificial Organ and Transplantation Surgery, Tokyo, Assistant professor, 01 May 2020 – 31 March 2021
- Cancer Institute Hospital, Japanese Foundation for Cancer Research, Tokyo, Japan, Division of Hepatobiliary and Pancreatic Surgery, Training doctor, 01 April 2021 – 31 December 2023, Associate head 01 January 2024 -

• Main Scientific Publications:

1. Kobayashi K, Inoue Y, Omiya K, Sato S, Kato T, Oba A, et al. Diagnosis and management of postpancreatectomy hemorrhage: A single-center experience of consecutive 1,096 pancreatoduodenectomies. *Pancreatology*. 2023;23(3):235-44.
2. Schneider M, Kobayashi K, Uldry E, Demartines N, Golshayan D, Halkic N. Rhizomucor hepatosplenic abscesses in a patient with renal and pancreatic transplantation. *Ann R Coll Surg Engl*. 2021;103(4):e131-e5.
3. Sato S, Oba A, Kato T, Kobayashi K, Wu YHA, Ono Y, et al. Feasibility of laparoscopic radical antegrade modular pancreateosplenectomy (RAMPS) as a standard treatment for distal resectable pancreatic cancer. *Langenbecks Arch Surg*. 2023;408(1):217.
4. Oba A, Maekawa A, Inoue Y, Makuuchi R, Omiya K, Kobayashi K, et al. Robotic Splenic

Vessels Preserving Distal Pancreatectomy in a Post-Distal Gastrectomy Patient. *Ann Surg Oncol*. 2023;30(11):6680-1.

5. Kobayashi K, Ono Y, Sato S, Kato T, Oba A, Sato T, et al. Evaluation of local recurrence after pancreaticoduodenectomy for borderline resectable pancreatic head cancer with neoadjuvant chemotherapy: Can the resection level change after chemotherapy? *Surgery*. 2023;173(5):1220-8.

6. Joliat GR, Kobayashi K, Hasegawa K, Thomson JE, Padbury R, Scott M, et al. Guidelines for Perioperative Care for Liver Surgery: Enhanced Recovery After Surgery (ERAS) Society Recommendations 2022. *World J Surg*. 2023;47(1):11-34.

7. Kobayashi K, Ono Y, Kitano Y, Oba A, Sato T, Ito H, et al. Prognostic Impact of Tumor Markers (CEA and CA19-9) on Patients with Resectable Colorectal Liver Metastases Stratified by Tumor Number and Size: Potentially Valuable Biologic Markers for Preoperative Treatment. *Ann Surg Oncol*. 2023;30(12):7338-47.

8. Kobayashi K, Melloul E, Demartines N, <Chapter Title> Portal vein embolization with and without hepatic vein occlusion. <Book Title> Vauthey and Adam Colorectal Liver Metastasis

9. Girardet R, Knebel J-F, Dromain C, Vietti Violi N, Tsoumakidou G, Villard N, K Kobayashi, et al. Anatomical Quantitative Volumetric Evaluation of Liver Segments in Hepatocellular Carcinoma Patients Treated with Selective Internal Radiation Therapy: Key Parameters Influencing Untreated Liver Hypertrophy. *Cancers* [Internet]. 2024 Jan 30;16(3). Available from: <http://dx.doi.org/10.3390/cancers16030586>

10. Ono Y, Inoue Y, Kobayashi K, Sato S, Kitano Y, Oba A, et al. Laparoscopic Portal Vein Ligation and Embolization During First-Stage Hepatectomy for Initially Unresectable Colorectal Liver Metastases. *Ann Surg Oncol* [Internet]. 2024 Jan 30; Available from: <http://dx.doi.org/10.1245/s10434-024-14955-0>

11. Omiya K, Maekawa A, Oba A, Inoue Y, Hirose Y, Kobayashi K, et al. A proposal of ABCD metastasectomy criteria for synchronous/metachronous metastatic pancreatic cancer in the era of multidisciplinary treatment. *Br J Surg* [Internet]. 2024 Jan 3;111(1). Available from: <http://dx.doi.org/10.1093/bjs/znad417>

12. Kitano Y, Ono Y, Kobayashi K, Oba A, Sato T, Ito H, et al. Neoadjuvant chemotherapy for borderline resectable colorectal cancer liver metastases: a single-institution retrospective study. *HPB* [Internet]. 2023 Oct 28; Available from: <http://dx.doi.org/10.1016/j.hpb.2023.10.015>

13. Maekawa A, Oba A, Inoue Y, Omiya K, Ono Y, Sato T, Kobayashi K, et al. Technical Strategy for Pancreatic Body Cancers: A Raison d'être of Distal Pancreatectomy with Portal Resection. *Ann Surg Oncol*. 2024 Feb;31(2):1347–57.

14. Mie T, Sasaki T, Kobayashi K, Takeda T, Okamoto T, Kasuga A, et al. Impact of preoperative self-expandable metal stent on benign hepaticojejunostomy anastomotic stricture after pancreaticoduodenectomy. *DEN Open*. 2024 Apr;4(1):e307.

15. Kobayashi K, Inoue Y, Oba A, Ono Y, Osumi H, Sato T, et al. Strategies for recurrent colorectal liver metastases based on prognostic factors and resectability: Potential benefit of multidisciplinary treatment. *Ann Surg Oncol* [Internet]. 2024 Nov 23; Available from: <https://pubmed.ncbi.nlm.nih.gov/39580378/>

16. Kobayashi K, Inoue Y, Takahashi Y. Efficacy of robot-assisted pancreaticoduodenectomy with left posterior approach for pancreatic head cancer with venous invasion. *J Gastrointest Surg*. 2025 Apr;29(4):101996.

17. Hirose Y, Oba A, Inoue Y, Maekawa A, Kobayashi K, Omiya K, et al. Arterial resection and divestment in pancreatic cancer surgery in the era of multidisciplinary treatment: decadal comparative study. *BJS Open* [Internet]. 2025 Mar 4 [cited 2025 Apr 18];9(2). Available from: <http://dx.doi.org/10.1093/bjsopen/zraf026>

18. Inoue Y, Takamatsu M, Masugi Y, Suzuki T, Hamada T, Abe S, Kobayashi K, et al. Blood group antigen expression in blood and tumor in relation to survival outcomes in resected pancreatic cancer,

overall and by adjuvant chemotherapy regimens. *Ann Surg Oncol* [Internet]. 2025 May 2; Available from: <http://dx.doi.org/10.1245/s10434-025-17289-7>

19. Jansson H, Oba A, Maekawa A, Villard C, Kobayashi K, Ono Y, et al. Western and Eastern experience in treating perihilar cholangiocarcinoma: retrospective bi-centre study. *BJS Open* [Internet]. 2025 Mar 4;9(2). Available from: <https://pubmed.ncbi.nlm.nih.gov/40200911/>

20. Baba H, Oba A, Maekawa A, Kiritani S, Kobayashi H, Takahashi A, Kobayashi K, et al. Polyglycolic acid mesh and fibrin glue in minimally invasive left pancreatectomy: Video technique and single-center data. *Ann Surg Oncol* [Internet]. 2025 Apr 1; Available from: <https://pubmed.ncbi.nlm.nih.gov/40169483/>

21. Ito R, Ono Y, Takeda Y, Shimane G, Sugiura K, Shibata Y, Kobayashi K, et al. Multidirectional pulley maneuver technique in robotic hepatectomy. *Ann Surg Oncol* [Internet]. 2025 Mar 23; Available from: <https://pubmed.ncbi.nlm.nih.gov/40123026/>

22. Sawa Y, Inoue Y, Kobayashi K, Oba A, Ono Y, Ito H, et al. A robotic pancreaticoduodenectomy case involving a meandering main pancreatic duct coursing posterior to a replaced common hepatic artery and in front of the portal vein. *Surg Case Rep* [Internet]. 2025;11(1). Available from: <https://pubmed.ncbi.nlm.nih.gov/40144705/>

23. Maekawa A, Sato T, Tsuchiya S, Kobayashi K, Oba A, Ono Y, et al. A multimodal approach utilizing balloon occlusion for postpancreatectomy hemorrhage: A case report. *Surg Case Rep* [Internet]. 2025 Feb 26;11(1). Available from: <https://pubmed.ncbi.nlm.nih.gov/40040630/>

24. Kiritani S, Inoue Y, Sato T, Sawa Y, Kobayashi K, Oba A, et al. A left-posterior approach to the superior mesenteric artery during robot-assisted pancreaticoduodenectomy. *J Hepatobiliary Pancreat Sci* [Internet]. 2025 Feb 21; Available from: <https://pubmed.ncbi.nlm.nih.gov/39981791/>

25. Maekawa A, Omiya K, Oba A, Inoue Y, Hirose Y, Kobayashi K, et al. Clinical implications of disappearing pancreatic cancer liver metastases: Lessons from colorectal liver metastases. *Eur J Surg Oncol*. 2025 May;51(5):109635.