



Tay Kon Voi

Upper GI and Bariatric Division,
Consultant, General Surgery Department, Woodlands Hospital
Clinical Lecturer in:
Lee Kong Chian School of Medicine, NTU
Yong Loo Lin School of Medicine, NUS

Research Interests:

- Medical Technology Innovation
- Virtual reality Surgical Training and Simulation
- Clinical Nutrition in Surgery

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Biography

Dr Tay Kon Voi is an accomplished surgeon who completed his surgical training in 2018, successfully passing the Fellowship of the Royal College of Surgeons (Edinburgh) exam. In 2019, he joined Woodlands Health as an Upper GI, Bariatric and Trauma Surgeon, and from 2019-2023, he served as a consultant in the General Surgery Department at Tan Tock Seng Hospital.

Presently, Dr Tay is pursuing his HMDP surgical fellowship at Kaohsiung Chang Gung Memorial Hospital, Taiwan, to further his subspecialist training in advanced minimally invasive surgery.

Additionally, Dr Tay is a clinical lecturer at the LKC School of Medicine, NTU and YLL School of Medicine, NUS. His primary research interests include MedTech innovation, virtual reality surgical training, and clinical nutrition in surgery.

Selected Publications

- Teng TZJ, Ishraq F, Chay AFT, Tay KV. Lap-Endo cooperative surgery (LECS) in gastric GIST: updates and future advances. *Surg Endosc.* 2023 Mar;37(3):1672-1682. doi: 10.1007/s00464-022-09691-z. Epub 2022 Oct 11. PMID: 36220988.
- Chan WK, Lin NS, Tay KV, Teo LT. Systematic review of isolated disseminated carcinomatosis of bone marrow from colorectal cancer. *ANZ J Surg.* 2023 Feb 11. doi: 10.1111/ans.18324. Epub ahead of print. PMID: 36772885

- Lim Khai Shin A, Ho Si Ying A, Neo Hui Wen S, Yeo SC, Tay KV. Systematic review and meta-analysis of the outcomes following neoadjuvant therapy in upfront resectable gastric cancers compared to surgery alone in phase III randomised controlled trials. J Gastrointest Surg. 2023 Mar 7. doi:10.1007/s11605-023-05641-9. Epub ahead of print. PMID: 36882627.
- Baey S, Tan LE, Tay KV. An unusual presentation of inferior epigastric artery pseudoaneurysm after laparoscopic cholecystectomy. ANZ J Surg. 2023 Jan;93(1-2):384-385. doi: 10.1111/ans.17823. Epub 2022 Jun 12. PMID: 35692118.

Notable Research/Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NHG CMTi Medtech Grant – Anti-blur Coating lens in laparoscopic camera system- ABC lens (collaboration with School of Materials Science and Engineering, NTU)	2022-2023
NHG CMTi-NHIC Joint Med Tech Grant - Hurri-Port- anti-blur laparoscopic camera port (collaboration with Trendlines)	2023-2024