Chen Kok Pun

Assistant Chief Clinical Informatics Officer, Tan Tock Seng Hospital
Consultant, Department of Gastroenterology & Hepatology, Tan Tock Seng Hospital

Research and Innovation Interests:
- Gastroenterology & Hepatology
- Clinical Informatics
- Artificial Intelligence
- Medical Devices & Digital Health
- Healthcare Sustainability

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Biography

Dr Chen Kok Pun is a consultant gastroenterologist and clinical informatics leader at Tan Tock Seng Hospital, Singapore. He earned his M.B.B.S from the National University of Singapore (2012) and subsequently obtained his MRCP qualifications from London, becoming a Fellow of the Academy of Medicine Singapore.

Dr Chen's commitment to innovation is exemplified through his prestigious fellowship with Singapore Biodesign (2020), a global affiliate of Stanford's Byers Center for Biodesign, where he developed expertise in medical device innovation and healthcare technology. His dedication to advancing healthcare through technology led to his appointment as a GovTech Open Government Products HealthTech Fellow (2023) and his current role as Assistant Chief Clinical Informatics Officer at TTSH.

His research portfolio includes publications in artificial intelligence applications in gastroenterology, with notable work on computer-aided diagnosis systems (CADe) for polyp histology prediction. Dr Chen has secured multiple grants totalling over SGD 150,000 for innovative healthcare projects, including digital health and molecular profiling initiatives.

Beyond clinical practice, Dr Chen actively contributes to medical education as clinical faculty at both Lee Kong Chian School of Medicine and NUS Yong Loo Lin School of Medicine, whilst serving as an educator at NHG's Centre for Medical Technologies and Innovations, fostering the next generation of clinician-innovators.

Selected Publications

- Hospital Guide to Environmental Protection and Resource Conservation: A Handbook of Sustainable Achievements for Reference (医院推动环保与资源节约 可持续成果手册供借鉴) https://www.zaobao.com.sg/news/singapore/story20241006-4944117

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
Singapore Biodesign Innovation Fellow	2020
GovTech Open Government Products (OGP) HealthTech Fellow	2023

Translating Research Into Healthcare

- Hospital Guide to Environmental Protection and Resource Conservation: A Handbook of Sustainable Achievements for Reference (医院推动环保与资源节约 可持续成果手册供借鉴) https://www.zaobao.com.sg/news/singapore/story20241006-4944117