



Fong Qi Wei

Family Physician, Geylang Polyclinic, NHGP

Innovation Interests:

- Development, Evaluation and Implementation of Artificial Intelligence for Healthcare

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Biography

Dr Fong is a Family Physician in Geylang Polyclinic at the National Healthcare Group Polyclinics. Dr Fong completed his medical degree and postgraduate training in Medicine (Family Medicine) at the National University of Singapore. He has also completed AI for Industry- Practical Foundations in AI with Python (by AI Singapore, NUS). Outside of utilization of AI in healthcare, he is also interested in applications of both software and hardware solutions from other industries / sectors into healthcare setting.

Selected Publications

- Sim JZT, Lin J, Fong QW, et al How threshold customisation affects the performance of a multiclass X-ray AI model for primary care triage: a retrospective study BMJ Open 2026;16:e111127. doi: 10.1136/bmjopen-2025-111127
- Sze, K. P., Lim, Y. L., Fong, Q. W., De Roza, J. G., Lee, P. S. S., Lee, E. S., & Tan, S. Y. (2026). Exploring patient–physician relationship in digital health: Insights through a dual perspective approach using “Health Equity Implementation Framework.” Journal of Health Equity, 3(1). <https://doi.org/10.1080/29944694.2026.2626178>
- Sze KP, Fong QW, De Roza JG, Lee ES, Tan SY. Exploring Physicians' Perceptions of Digital Health's Impact on the Patient-Physician Relationship in the Primary Health Care Setting: Qualitative Descriptive Study. J Med Internet Res. 2024 Oct 15;26:e53705. doi: 10.2196/53705. PMID: 39405515; PMCID: PMC11522646.
- Sim JZT, Fong QW, Huang WM, Tan CH. Machine Learning in Medicine: what clinicians should know; SMJ Online First (<https://doi.org/10.11622/smedj.2021054>)

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NTFHIP Grant for “MedCoach” as Co-Investigator of project	2022
NHIC I 2 Adopt Grant for “Prioritization and Redistribution of Imaging for Medical Evaluation of CXR (PRIME CXR)” as Co-Investigator of project	2024

Translating Research and Innovation Into Healthcare

- Healthcare Asia Magazine: [NHG integrates AI-driven chest X-ray in diagnostic radiology](#) (Aug 2024)
- Healthcare IT News: [National Healthcare Group adopts AI for lung, heart disease screening](#) (Aug 2024)