



Ng Xin Rong

Family Physician, Associate Consultant, NHG Toa Payoh Polyclinic

Research Interests:

- Cancer in Primary Care
- Digital Health
- Multimorbidity

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Biography

Dr. Ng Xin Rong is a Family Physician and Associate Consultant at Toa Payoh Polyclinic, National Healthcare Group Polyclinics. He holds a Master of Medicine (Family Medicine) and completed the Fellowship of the College of Family Physicians Singapore (FCFPS) in 2023.

He is currently enrolled in both the NHG-LKCMedicine Clinician-Scientist Preparatory Programme (CSPP) and the LKCMedicine Family Medicine Clinician Scientist Development Programme, which offer structured training in research methodology, academic writing, grant development, and clinician-scientist career development. As part of these programmes, Dr. Ng receives ongoing mentorship from senior clinician-scientists in genomics, health communication, and primary care research. He has also received formal training in qualitative and mixed-methods research, implementation science, cost-effectiveness analysis, and digital health innovation.

In addition, the programmes facilitate collaborations with academic partners from the University of Melbourne, University of Oxford, and NTU's Wee Kim Wee School of Communication and Information, through which he is developing competencies in co-design, behavioural science, and the creation of digital interventions to improve population health in primary care.

Selected Publications

- Tan YY, Tasnim S, Fadzil MFB, **Ng XR**, Wong SKW, Manski-Nankervis JE, Sung JJY, Ngeow J. Risk-based screening programmes for cancer diagnosis: A systematic review with narrative synthesis. *Ann Acad Med Singap*. 2025 Oct;54(10):644-663. doi: 10.47102/annals-acadmedsg.202598.

- **Ng XR**, Quek IP, Pereira MJ, Molina JA, Ngeow J, Wong SKW. Randomised controlled trial evaluating the impact of different methods of HPV DNA testing for cervical cancer screening in Singapore’s primary care settings: a study protocol. *BMJ Open*. 2025 Mar 24;15(3):e095091. doi: 10.1136/bmjopen-2024-095091. PMID: 40132819; PMCID: PMC11934401.
- **Ng XR**, Tey YXS, Lew KJ, Lee PSS, Lee ES, Sim SZ. Cross-sectional study assessing health outcome priorities of older adults with multimorbidity at a primary care setting in Singapore. *BMJ Open*. 2023 Dec 11;13(12):e079990. doi: 10.1136/bmjopen-2023-079990.

Notable Research/Innovation Awards & Grants from Past 5 Years (Size 12 font)

Name of Awards & Grants	Year Obtained
Singapore Health Biomedical Congress (SHBC) Clinician Investigator Award (Silver)	2025
NMRC (Clinician Scientist Individual Research Grant New Investigator Grant) CS-IRG NIG	2025
LKCMedicine Family Medicine Clinician Scientist Development Programme	2025
NHG-LKCMedicine Clinician-Scientist Preparatory Programme (CSPP)	2024
Singapore Primary Care Conference 2023 Primary Care Research Award (Poster) First Prize	2023