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Research and Innovation Interests:

- Care Transition
- Chronic Diseases & Multimorbidity
- Healthcare Services Delivery
- Digital Health
- Digital Biomarkers

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Biography

Dr Tan Shu Yun is a Family Physician Senior Consultant and a Clinician Researcher of the Clinical Research Unit at the National Healthcare Group Polyclinics. She received her medical degree, postgraduate training of Masters in Medicine (Family Medicine) and Masters in Clinical Investigation at the National University of Singapore. She is a fellow with the College of Family Physicians, Singapore and currently the Assistant Vertical Theme Lead for Clinical Practice – Clinical Examination at the Lee Kong Chian School of Medicine.

Selected Publications

- Effectiveness of a transitional home care program in reducing acute hospital utilization: a quasi-experimental study. Lian Leng Low, Farhad Fakhrudin Vasanwala, Lee Beng Ng, Cynthia Chen, Kheng Hock Lee and Shu Yun Tan. BMC Health Services Research. 2015, 15:100.. PMID: 25888830.
- Applying the Integrated Practice Unit Concept to a Modified Virtual Ward Model of Care for Patients at Highest Risk of Readmission: A Randomized Controlled Trial. Lian Leng Low, Shu Yun Tan, Matthew Joo Ming Ng, Wei Yi Tay, Lee Beng Ng, Kanchana Balasubramaniam, Rachel Marie Towle, Kheng Hock Lee. PLOS ONE | DOI:10.1371/journal.pone.0168757 January 3, 2017

- Tan KD, Tan SY, Koh HL, Liang EFC, Wong SKW. Association between social support and health-related outcomes among older adults with type 2 diabetes mellitus in a primary care setting. Singapore Medical Journal. 2024 Jun 19. doi: 10.4103/singaporemedj.SMJ-2023-121.
- Mary Lee, Khoo HS, Krishnasamy C, Loo ME, Wong SKW, Cheng SC, Bei E, Tan SY, Xie P, Lee ES, Tang WE. Experiences of living with overweight/obesity and early type 2 diabetes in Singapore – A qualitative interview study. BMJ Open. 2024 May 7;14(5):e079082. doi: 10.1136/bmjopen-2023-079082.
- Chan LG, Tan PLL, Sim K, Tan MY, Goh KH, Su PQ, Tan AKH, Lee ES, Tan SY, Lim WP, Aw CH, Goh YZ, Sadarangani S, Chow A. Psychological impact of repeated epidemic exposure on healthcare workers: findings from an online survey of a healthcare workforce exposed to both SARS (severe acute respiratory syndrome) and COVID-19. BMJ Open. 2021 Nov 30; 11(11): e051895. doi:10.1136/bmjopen-2021-051895
- Tan SY, Lew KJ, Xie Y, Lee PSS, Koh HL, Ding YY, Lee ES. Healthcare cost of patients with multiple chronic diseases in Singapore public primary care setting. Annals - Academy of Medicine Singapore. 2021 Nov 29; 50:809-817. doi: 10.47102/annals-acadmedsg.2021246
- Lee ES, Tan SY, Lee PSS, Koh HL, Soon SWW, Sim K, Tang WE, Chong PN. Perceived stress and associated factors among healthcare workers in a primary healthcare setting: the Psychological Readiness and Occupational Training Enhancement during COVID-19 Time (PROTECT) study. Singapore Medical Journal. 2020; 1-25.
- Chee JY, Koh HL, Tan SY. Prevalence and associated factors of musculoskeletal disorders among public primary care physicians in a regional healthcare cluster in Singapore: a cross-sectional study. Singapore Med J. 2025 Mar 31. doi: 10.4103/singaporemedj.SMJ-2024-116. PMID: 40055922.
- Wang LYT, Lim WS, Tan RS, Teo LLY, Tan SY, Ooi CH, Ong ACW, Kovalik JP, Goh J, Gao F, Koh AS. Frequency, intensity and duration of physical activity is associated with frailty in older adults with cardiac aging. Sci Rep. 2025 May 5;15(1):15679. doi: 10.1038/s41598-025-00657-4. PMID: 40325063
- Sze KP, Fong QW, De Roza JG, Lee ES, Tan SY. Exploring doctors' perceptions of digital health's impact on the patient-doctor relationship in Singapore's primary healthcare setting: A Qualitative Study. Journal of Medical Internet Research. 2024 Oct 15:26:e53705. doi: 10.2196/53705.
- Sze KP, Lim YL, Fong QW, de Roza JG, Lee PSS, Lee ES, Tan SY. Digital health's impact on the patient-doctor relationship in a primary healthcare setting: A qualitative study. Ann Acad Med

Singapore 2025 Feb 27;54(2):129-131. doi: 10.47102/annals-acadmedsg.2024341. PMID: 40071461

- Patients' preferences for nutrition care from health professionals in public primary care setting: A cross-sectional study in Singapore. Chie ZY, Lee XYS, Ng X, Tan SY. Ann Acad Med Singap. 2025 Aug 7;54(8):508-511. doi: 10.47102/annals-acadmedsg.2025105. PMID: 40928864

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
RRIS Research Fellowship Programme (RFP)	2021
Singapore Health and Biomedical Congress (SHBC) Singapore Primary Care Research Award (Oral) – Bronze for “Changes in health outcomes amongst Asthma cohort patients over 12 months”	2022
NHG CMTi Clinician Innovator Preparatory Programme (CiPP)	2022
LKCMed-NHIC Exploratory Translational Grant	2024