



Violet Hoon Hui Qing

Senior Consultant, Cardiology, Tan Tock Seng Hospital

Research and Innovation Interests:

- Heart Failure
- Cardiac Rehabilitation
- Preventive Cardiology
- Medtech/Digital Health
- Point of Care Diagnostics

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Biography

Dr Violet Hoon Hui Qing is a Senior Consultant in the Department of Cardiology at Tan Tock Seng Hospital (TTSH), where she also serves as Head of Cardiac Rehabilitation Services and Senior Consultant with the Heart Failure Service.

Her core clinical and leadership areas include the multidisciplinary management of heart failure, cardiac rehabilitation, and the integration of digital health innovation into cardiovascular care. Her practice areas span secondary prevention of cardiovascular disease, exercise prescription and tele-rehabilitation, and patient-centered recovery frameworks that bridge acute care to long-term lifestyle management. She actively advances hybrid and home-based rehabilitation models that improve patient accessibility and adherence.

Dr Hoon's training and recognition reflect a sustained commitment to clinical excellence and innovation. A graduate of the Yong Loo Lin School of Medicine (NUS), she completed her NHG Internal Medicine Residency and Cardiology Senior Residency at TTSH, where she served as Chief Resident and PEC Representative. She is a Singapore Biodesign Innovation Fellow (2022), recipient of the NMRC Research Training Fellowship (2023), and NMRC Clinician Innovator Award Investigator (2025). Her team's Heart Track™ project earned the National Healthcare Innovation and Productivity Award (2021) for its automation and IT-enabled rehabilitation platform. By integrating technological tools with empathic communication and multidisciplinary collaboration, Dr Hoon strives to extend cardiovascular health beyond the hospital walls—transforming recovery into a lifelong journey of resilience, empowerment, and self-efficacy.

Selected Publications

- ***Risk Factors for All-Cause Mortality in Patients Diagnosed with Advanced Heart Failure: A Scoping Review***
Kaur P, George PP, Xian SNH, Yip WF, Seng ECS, Tay RY, Tan J, Chu J, Low ZJ, Tey LH, **Hoon V**, Tan CK, Tan L, Aw CH, Tan WS, Hum A. *J Palliat Med.* 2024 Jul 31. doi: 10.1089/jpm.2024.0067. Online ahead of print. PMID: 39083426 Review.
- ***Self-directed cardiac rehabilitation using a novel game-based mobile application paired with sensor is it feasible?***
Neoh, Eng Chuan Mphty¹; Chow, Jaclyn Jie Ling Mphty¹; **Hoon, Violet MBBS, MRCP²**; Chow, Yvonne BSN, RN³; Lee, Seng Beo BSc⁴; Foo, David MBBS, MRCP²
- ***Circadian Rhythm in Southeast Asian Patients with ST-elevation Myocardial Infarction and the Differences in Clinical Characteristics and Outcomes***
KH Peck, **V Hoon**, WK Ang, JKK Loh, FH Jafary, D Foo, TJ Watson, Paul JL Ong, HH Ho
Journal of the American College of Cardiology 69 (16 Supplement), S12-S13
- ***"Off-hours" Versus "On-hours" Presentation in STEMI in Singapore and Its Impact on Door-to-balloon Time and Clinical Outcomes***
WK Ang, KH Peck, **V Hoon**, JKK Loh, FH Jafary, D Foo, TJ Watson, Paul JL Ong, HH Ho
Journal of the American College of Cardiology 69 (16 Supplement), S17-S8

Notable Research and Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NMRC RTF	2023
NMRC CIA	2025

Translating Research and Innovation Into Healthcare

- [Over 100 seniors with advanced cardiac failure benefit from Tan Tock Seng Hospital rehab programme | The Straits Times](#)
- [3 award-winning innovations that revolutionised Singapore's healthcare](#)

- 国立健保集团和李光前医学院 成立新临床科学及创新学院 (18 Feb 2024, LianHe ZaoBao)
- 陈笃生医院为晚期心衰患者 推本地首个客制化心脏康复项目(3 Mar 2025, MediaCorp 8world)