



Chan Ee Yuae

Deputy Director of Nursing, Tan Tock Seng Hospital (TTSH)
Adjunct Assistant Professor, Alice Lee Center of Nursing Studies, NUS

Research Interests:

- Caregiving and Aged Care
- Health Activation
- Digital Health
- Implementation Science
- Population Health

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Biography

Adj Asst Prof Chan received her PhD (Health Sciences) from the University of Sydney, Australia in 2014. She was the first nurse in Singapore to be sponsored for a Master of Science (Health Research Methodology) at the McMaster University, Canada, and she also holds a Master of Nursing Studies from the Queensland University of Technology, Australia. Ee Yuae has pioneered impactful research and her work has led to more than 40 peer-reviewed publications. During the Covid-19 period, Ee Yuae launched Project Carer Matters, Singapore's first nurse-led hospital-to-home framework of care to support patient-caregiver dyads at home – it has since supported over 700 families. She is currently leading a team to strengthen the caregiving ecosystem through Project Carer Matters 2, supported by MOH's National Innovation Challenge. Committed to advancing nursing research, she established TTSH's hybrid Nurse Clinician-Scientist career track to groom the next generation.

Selected Publications

- Lim ZX, Lim WS, Chan EY. Development and Validation of a Multidimensional Short Version Zarit Burden Interview (ZBI-9) for Caregivers of Persons With Cognitive Impairment. *Alzheimer Dis Assoc Disord*. 2023 Jan-Mar;37(1):59-65. doi: 10.1097/WAD.0000000000000537.
- **Chan, E.Y.**, Glass, G, et al. Applying the RE-AIM framework to evaluate a holistic caregiver-centric hospital-to-home programme: a feasibility study on Carer Matters. *BMC Health Serv Res*. 2022;22,933.
- **Chan EY**, Glass G, Ong ZL, Hoi SY, Leong I. Carer Matters: Hospital to Home Care for the Caregiver. *HealthManagement.org. The Journal*. 2022;22(2):28-33
- Lim ZX, Chua WL, Lim WS, Lin AQ, Chua KC, **Chan EY**. Psychometrics of the Pearlin Mastery Scale among Family Caregivers of Older Adults Who Require Assistance in Activities of Daily Living. *Int J Envi Res Public Health*. 2022,19, 4639.

- **Chan EY.** & Glass, G. Delivering a holistic Hospital-to-Home framework to support family caregivers of persons with dementia: Protocol for a feasibility study. *J Adv Nursing.* 2022,78:1513-23.

Notable Research Awards & Grants from Past 5 Years

Dr Chan has been awarded numerous grants including a recent MOH National Innovation Challenge multi-million grant. Her work has resulted in more than 30 published full research papers. She achieved many notable research awards in multiple scientific conferences, including 10 SHBC gold and silver awards for oral and poster scientific abstracts and presentations. The translation of her caregiving research work led to her team winning the TTSH Research Award for Impactful Collaboration in 2020.

Name of Awards & Grants	Year Obtained
SHBC - Best Poster Award (Gold) – Nursing	2019
SHBC - Singapore Nursing Award (Gold)	2019
TTSH Research Award for Impactful Collaboration	2020
SHBC - Best Poster Award (Silver) – Nursing	2021
SHBC - Best Poster Award (Gold) – Nursing	2021
SHBC - Singapore Nursing Award (Silver)	2022
Singapore Health and Biomedical Congress (SHBC) - Singapore Nursing Award (Gold)	2022
MOH National Innovation Challenge on Active and Confident Ageing	2022

Translating Research/Innovation Into Healthcare

- Caregiver collapse is real and hospitals can smoothen the transition home. *Channel News Asia.* Published 27 February 2022.
- TTSH's pilot programme to introduce framework for better caregiving management. *Channel News Asia.* Published 4 July 2019.
<https://youtu.be/tWUFSg7WJGQ>
- More help for caregivers to cope emotionally with roll-out of new TTSH programme. *The Straits Times.* Published 4 July 2019.
[https://www.straitstimes.com/singapore/health/more-help-for-unsung-heroes-with-ttsh-rolling-out-a-programme-for-caregivers.](https://www.straitstimes.com/singapore/health/more-help-for-unsung-heroes-with-ttsh-rolling-out-a-programme-for-caregivers)
- Pilot scheme to check on caregivers' emotional well-being. *The Straits Times.* Published 5 July 2019.
<https://www.straitstimes.com/singapore/health/pilot-scheme-to-check-on-caregivers-emotional-well-being>