



Chan Lai Gwen

Senior Consultant, Psychiatry, TTSH
Adjunct Assistant Prof, LKCMedicine, NTU

Research Interests:

- Neuropsychiatry of Stroke
- Neuropsychiatry of Traumatic Brain Injury
- Neuropsychiatry of Parkinson's Disease
- Neuropsychiatry of HIV

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Biography

Dr Chan Lai Gwen graduated from NUS in 2001 and is trained in Internal Medicine and Psychiatry. She proceeded to complete a Clinical Fellowship Program in Neuropsychiatry of Traumatic Brain Injury at Sunnybrook Hospital and HIV Psychiatry at St Michael's Hospital, both in Toronto, Canada. Her journey in clinical research began with the awarding of the NHG Clinician Leadership in Research where she studied the long-term psychiatric outcomes of patients with Traumatic Brain Injury. She completed her PhD program with NTU-LKC School of Medicine in 2023 investigating the non-motor outcomes of stroke. In her clinical practice, she sees patients with psychiatric presentations of stroke, brain injury and Parkinson's Disease.

Selected Publications

- Chan LG, Ng MH, Chan OH, Eu JL, Bajpai R. Clinical impact of a poststroke depression screening program. *PM&R*. 2025 Apr 21.
- Lai Gwen Chan, Hok Shan Matthew Ng, Yong Joo Loh. "Poststroke depression within the first year – phenomenology and clinical correlates from real-world data". *Journal of Stroke and Cerebrovascular Diseases*. 2024 Volume 33, Issue 2. <https://doi.org/10.1016/j.jstrokecerebrovasdis.2023.107509>.
- Chan, L. G., & Feinstein, A. (2015). Persistent sleep disturbances independently predict poorer functional and social outcomes 1 year after mild traumatic brain injury. *Journal of head trauma rehabilitation*, 30(6), E67-E75.
- Chan, L. G., Siang, K. S. S., Yong, T. T., Chander, R., Tan, L., & Kandiah, N. (2019). The Longitudinal Impact of Excessive Daytime Somnolence on Motor and Nonmotor Symptoms of Parkinson's

Disease in a Southeast Asian Cohort. Journal of Geriatric Psychiatry and Neurology, 0891988719892326.

- Chan, L. G., Ho, M. J., Kaur, P., Singh, J., Ng, O. T., Lee, C. C., ... & Carvalhal, A. (2016). Differences in clinical and psychiatric outcomes between prevalent HIV-1 molecular subtypes in a multiethnic Southeast Asian sample. General hospital psychiatry, 38, 4-8
- Chan, L. G., Ho, M. J., Lin, Y. C., Ong, Y., & Wong, C. S. (2019). Development of a neurocognitive test battery for HIV-associated neurocognitive disorder (HAND) screening: suggested solutions for resource-limited clinical settings. AIDS research and therapy, 16(1), 1-8.

Notable Research Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NHG Health-Clinician Scientist Fellowship Bridging Grant	2019
Rehabilitation Research Institute of Singapore Grant	2019
NMRC New Investigator Grant	2021

Translating Research Into Healthcare

- <https://www.channelnewsasia.com/singapore/stroke-depression-ttsh-tan-tock-seng-hospital-mental-health-integrated-care-3034701>