Ashton Neoh Eng Chuan

Principal Physiotherapist, Physiotherapy Department, TTSH

Research Interests:
- Rehabilitation
- Orthopedic and Musculoskeletal
- Digital Health Apps, Telehealth
- Innovation

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Biography

Ashton is a principal physiotherapist with extensive clinical experience in orthopedic and musculoskeletal areas. He has a Masters in Clinical Physiotherapy from Curtin University and completed Masters in Clinical Investigation from NUS in Year 2021. He has been actively involved in clinical research, innovations and consistently working with orthopedic surgeons, nurses and other healthcare professionals to improve care standards and treatment delivery for patients.

Selected Publications

- Tampin B, Bohne T, Callan M, Kvia M, Melsom Myhre A, Neoh EC, Bharat C, Slater H. **Reliability of the English Version of the PainDETECT Questionnaire**. *Current Medical Research and Opinion*. 2017; 33(4):741-748.

- Qiu Y, Li KM, Neoh EC, Zhang H, Khaw XY, Fan X, Miao C. **Fun-Knee™: A Novel Smart Knee Sleeve for Total-Knee-Replacement Rehabilitation with Gamification**. *IEEE 5th international conference on serious games and applications for health (SeGAH)*. Best Paper Award. 2017.

- Neoh EC, Tay MRJ, Tan J, Lim YT, Sanchalika A, Chong LF, Tan KG. **Short-Term Effect of Peer Volunteers in Providing Inpatient Rehabilitative Exercises for Patients after Total Knee Arthroplasty**. *Archives of Physical Medicine and Rehabilitation.* 2021; 102(7):1361-1367.

- Ho SWL, Tan KG, Neoh EC, J Wong, AS Roslan, S Huang, TL Tan. **The Effect of Patient Positioning on the Accuracy and Reliability of Assessment of Knee Range of Motion over a Telemedicine Platform**. *Journal of telemedicine and telecare*. 2021; 1357633X211046787.

Notable Innovation Awards & Grants from Past 5 Years

Name of Awards & Grants	Year Obtained
NHG Population Health Grant for "TKR Innovative Model"	2020
National Healthcare Innovation and Productivity Medals - Automation, IT and Robotic Innovation- Best Practice Medal	2021
National Healthcare Innovation and Productivity Medals - Workforce Transformation - Best Practice Medal	2021
Public Servant Transformation Exemplary Innovator Award	2021