

May 27, 2019

TEC4home: A Case Study of Implementing a Stepped Wedge Trial in BC - Learnings and Practical Considerations from a “Real-world” Clinical Trial

TEC4Home Heart Failure is a randomized controlled trial studying how home health monitoring can support the transition of care from hospital to home. The goal of TEC4Home is to reduce the number of 90-day emergency department revisits and readmissions, and increase the quality of life for patients with Heart Failure. The 4-year research project is currently recruiting participants from 20 hospital sites across 4 Health Authorities in BC.

The presentation will highlight the collaborative approach and practical considerations undertaken while implementing this multi-centre, cross-health authority real-world trial. We will examine the TEC4Home experience in: incorporating learnings from its Phase 1 feasibility study; selecting the stepped wedge design for the Phase 2 RCT; navigating harmonized ethics and privacy; site engagement and change management; building distributed research capacity; ensuring patient relevance through engagement of integrated patient advisory; and adapting and aligning to changing priorities and needs.

Learning Objectives:

1. Provide an example of how multi-sectoral, multi-disciplinary, and multi-level collaboration and integrated knowledge translation is vital to carrying out a complex real-world clinical trial.
2. Share and discuss practical considerations of carrying out a stepped-wedge home health monitoring trial through illustrative case examples and experiences in TEC4Home.

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Rounds are held weekly on Mondays from 12:00 pm to 1:00 pm in the VGH Research Pavilion, Room 700, 7th Floor, 828 West 10th Avenue, Vancouver, BC.

Visit www.C2E2.ca for information about previous and upcoming rounds. If you are interested in presenting please email pamela.lee@ubc.ca.