

Innovation and Technology at Perley Health

Family and Friends Council Meeting

October 16, 2025 | 7:00pm

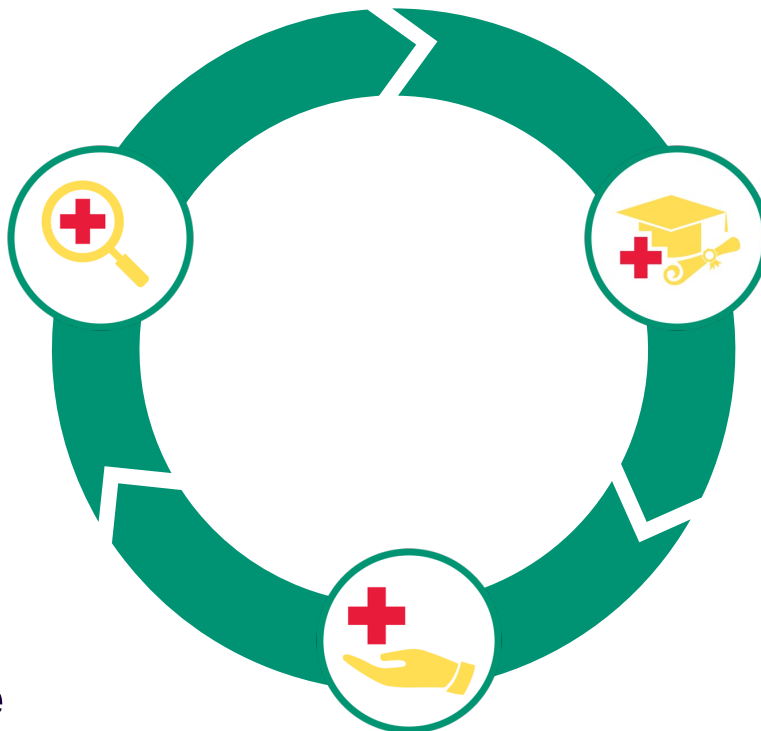
Danny Sinden, Director, Centre of Excellence



Centre of Excellence

Research

Applied research
to advance care of
older adults living
with frailty



Knowledge Translation

Innovation in education,
best practices and
knowledge translation

Care

Excellence in the care of older adults living with frailty

Innovation in Action



Magic Table: Projector that displays interactive games and activities for residents' social engagement.

\$150K from CABHI

PainChek: Artificial intelligence powered software used to assess pain in residents with cognitive impairment.

\$150K from CABHI



Esprit-ai: An artificial intelligence powered technology that utilizes pressure sensitive mats and room sensors to alert staff of potentially high-risk situations.

\$75K from OBIO



Factors Affecting Decision-Making

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 **Routledge**
Taylor & Francis Group



Factors Affecting Managers' Technology Adoption Decisions in Long-Term Care Homes: A Canadian Exploratory Study Post-COVID-19 Pandemic

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ABSTRACT

Health information technologies (HIT) provide opportunities to support staff as well as residents and their families in long-term care (LTC) homes. Yet, LTC homes lag behind other healthcare organizations in HIT adoption, and little is known about the factors that inform and shape LTC home managers' decisions. We conducted an exploratory Delphi study with a panel of 19 Canadian LTC managers who were surveyed through three iterative rounds (brainstorming, narrowing down, and ranking) to solicit their input on the key factors that influence HIT adoption decisions. An authoritative list of 25 factors, described and ranked in importance, was produced. The top five identified factors were (in order of importance): availability of funding, impact on workload and efficiency, value proposition, ease of use, and impact on residents' outcomes. The findings of this research may inform policies and interventions that provide training and workshop opportunities for managers in LTC and increase the awareness of the advocacy and leadership role that managers can play in advancing technology adoption in support of older adults' care. The results can also be used to support funding from LTC home governing bodies, which is tied to the technology adoption portfolio, to institutionalize the commitment to technological transformation in LTC.

ARTICLE HISTORY

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KEYWORDS

Adoption; decision-making; delphi methodology; long-term care; information technology; management

Top 5 Key Factors

1. Availability of Funding
2. Impact on Workload and Efficiency
3. Value Proposition
4. Ease of Use
5. Impact on Resident Outcomes

Innovation Advisory Group

- Residents, tenants, volunteers, families/care partners, staff, other subject matter experts in our community
- Provide feedback on innovative solutions; assess alignment with best practices and priorities
- Engage end-users early on using a co-design approach
- Ensure real-world relevance and feasibility
- Support implementation, sustainability and spread
- Promote culture of innovation across the organization

What is involved and how do I learn more?

- Quarterly meetings (or ad hoc)
- Virtual or in-person
- If you and/or a resident would like to be involved, please reach out:
 - dsinden@perleyhealth.ca
 - 613-526-7170 ext 2424