Exploring the Perceived Acceptability of End-Users for an Innovative Technology-Enabled **Model of Palliative Home Care**

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BACKGROUND AND RATIONALE

- 2036 (Statistics Canada, 2010).
- significant strain and demand on the Canadian health care system (Fowler & Hammer, 2013).
- home care, eShift, has been developed.
- adults and their family member caregivers.

METHODOLOGY / APPROACH

- **Design:** Exploratory study using a mixed methods, convergent (parallel) design will be used.
- **Target Population:** Registered nurses working in home care in the province of Ontario, Canada.

CONCLUSIONS

There is evidence supporting the benefits and effectiveness of integrating technology to support the delivery of health services and care. Registered nurses play a significant role in the delivery of such home care services for older adults living with acute and complex care needs. However, there is limited knowledge of registered nurses' perceived acceptability and intention to practice within such technology-enabled models of home care. This is the first study that explores acceptability and facilitators and barriers that influence registered nurses' intention to practice within technology-enabled models of home care. Findings will provide useful information to policy makers, health care agencies, and decision makers on how to introduce strategies and initiatives for successful integration and adoption by registered nurses of technology-enabled models of home care in practice.

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Older adults constitute the fastest growing population segment in Canada; projections of 10.4 million by

Care required by older adults with multiple chronic conditions (MCC) and at the end-of-life places a

In response to the complex health conditions of older adults at the end-of-life and challenges in recruiting and retaining HCPs in Ontario (a province in Canada) a new and innovative technology-enabled model of

• eShift links Care Technicians as unregulated health care providers, who provide care in patients' homes to a remotely-situated directing registered nurse (DRN), through a smart phone application using real-time communication and documentation technology. The DRN monitors and directs patient care provided in collaboration with the care technician in real-time using technology that enhances care delivery for older

Data Collection Procedures: Quantitative and qualitative data will be collected simultaneously. Qualitative data will be collected using adapted questionnaires exploring acceptability and intention to practice within technology-enabled models of care. Descriptive qualitative methods will be used to explore and understand the perceived acceptability and facilitators and barriers that influence registered nurses' intention to practice within technology-enabled models of home care. Interviews and focus groups will be conducted.

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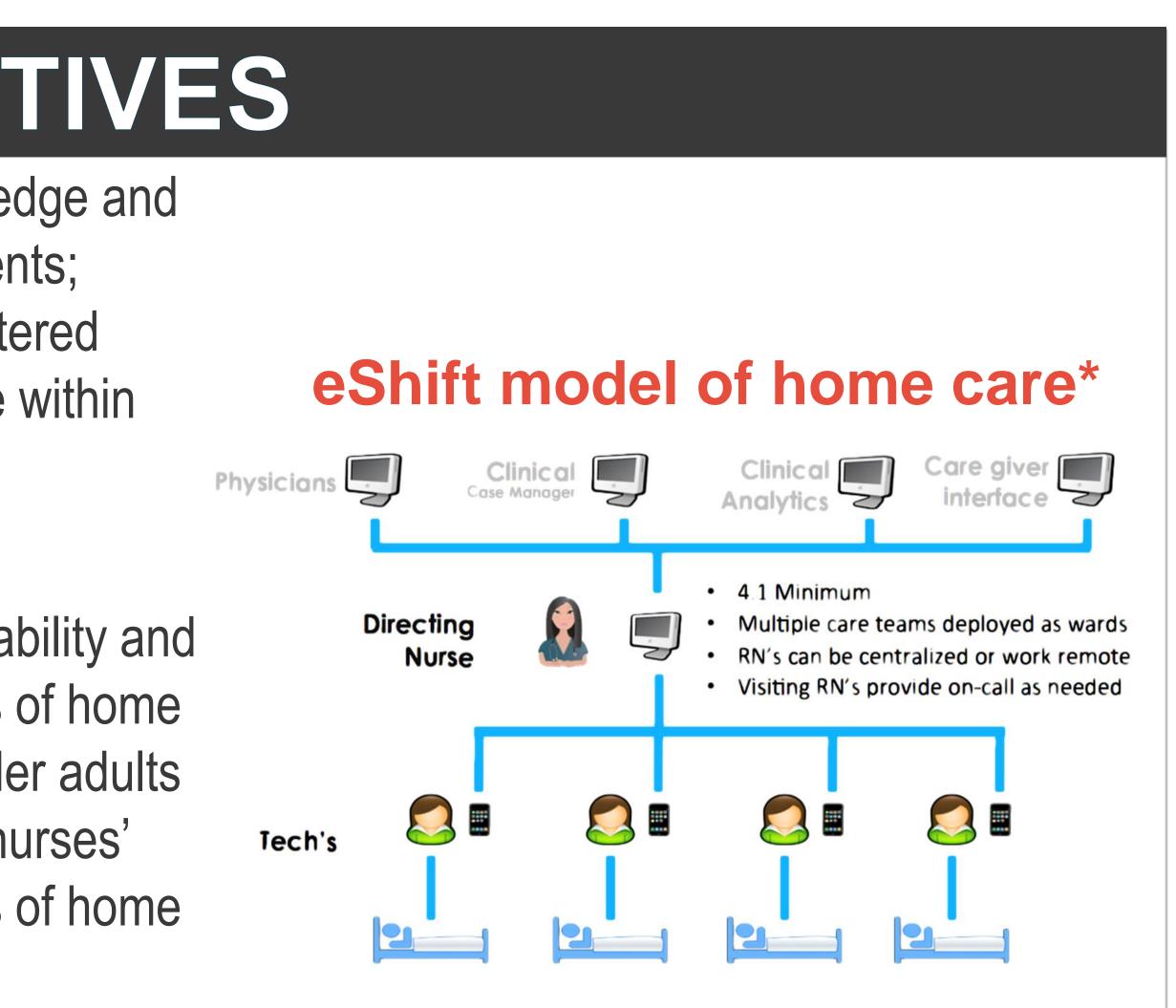
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OBJEC7
eShift optimizes registered nurses with specialized knowled skill in palliative care to meet the needs of home care clien however, there has been little opportunity to explore registen nurses' perceived acceptability of and intention to practice v technology-enabled models of home care.
Research Objectives:
 1. To understand registered nurses' perceived acceptate intention to practice within technology-enabled models of care for the delivery of health services and care for olde 2. To examine factors that facilitate or limit registered nurse intention to practice within technology-enabled models of care.
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- models of home care has the potential to address the current and projected challenges facing the health care system. meets needs of patients and family members) (Carretero, 2015) and barriers (i.e., training, availability of technological resources and support, and impact on existing workflow) (Egea & Gonzalez, 2011; Meier et al., 2013) will be identified that influence registered nurses' intention to practice within technology-enabled models of home
- Facilitators (i.e., promotes interprofessional collaboration, communication, continuity of care, improved care delivery; care.







DFINDINGS

of home care, such as eShift, to be acceptable to dults within the home care setting.

are services to older adults through technology-enabled

Acknowledgements

This work is supported by AGE-WELL NCE Inc. a member of the Networks of Centres of Excellence program. The authors would like to thank the South West Community Care Access Centre and Sensory Technology.



