

Translating Research in Elder Care



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**TVN MindMerge Meeting
November 21, 2014
Halifax, NS**

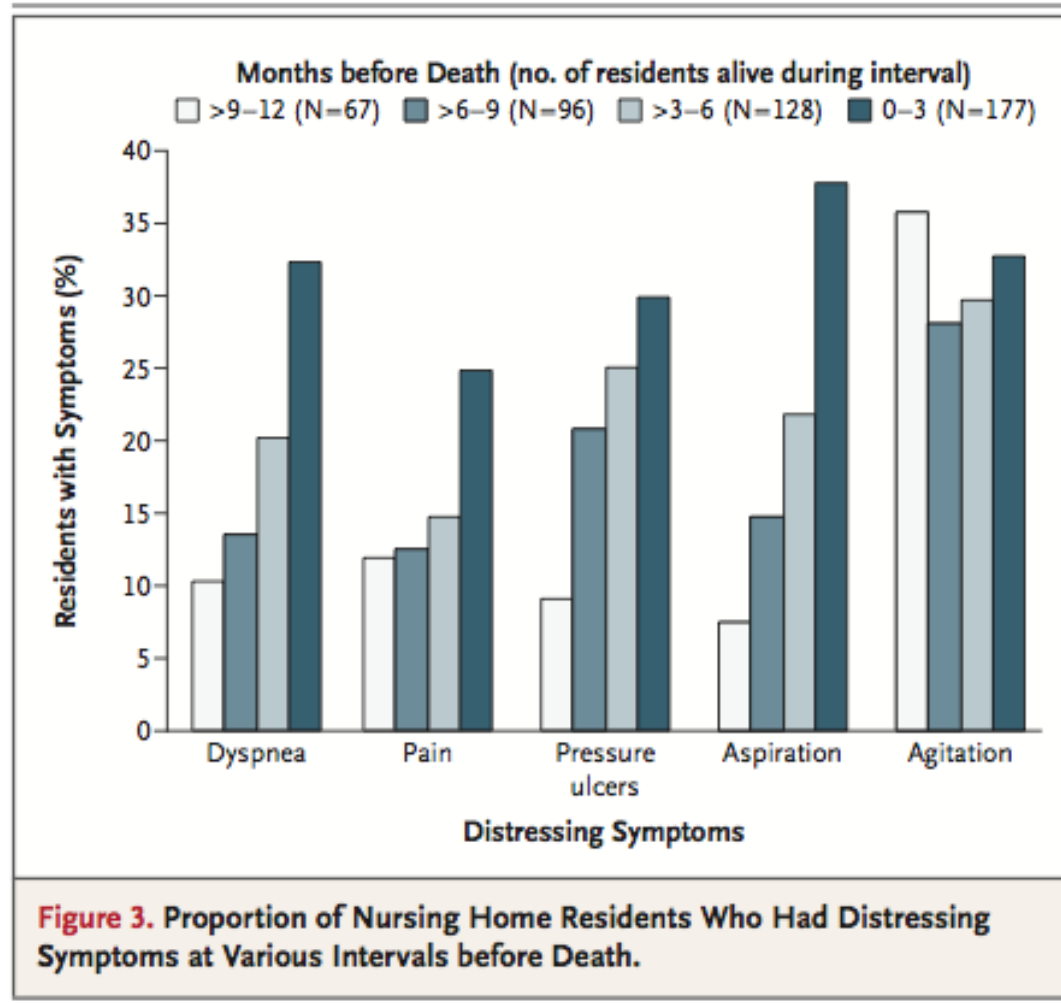
The Context for TREC

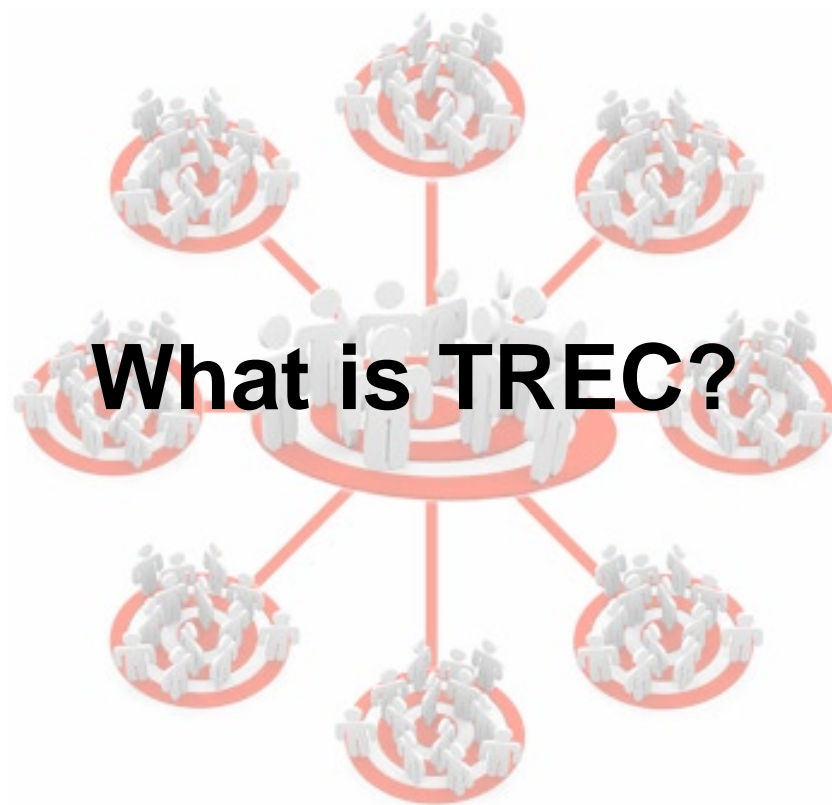
Changing the story

Dementia

- ✧ There is no prevention, no cure, no effective treatment and the single greatest risk factor is age
- ✧ One in three Canadians over 85 now has an age-related dementia – 1.125M by 2038
- ✧ The majority of nursing home residents have dementia – most are moderate to severe
- ✧ TREC is focused on the residential LTC sector

Quality of care and quality of life & end of life are central to health and social care of older adults with dementia







What is TREC?

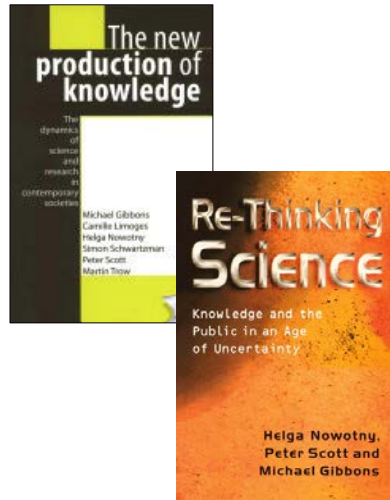
- **An applied health services and knowledge translation research program**
- **Practical solutions to improve quality of care, quality of life and quality of end of life for frail, vulnerable residents and quality of work life for their care providers**
- **Working in a fully integrated KT model.**



Mode 2 Knowledge Production

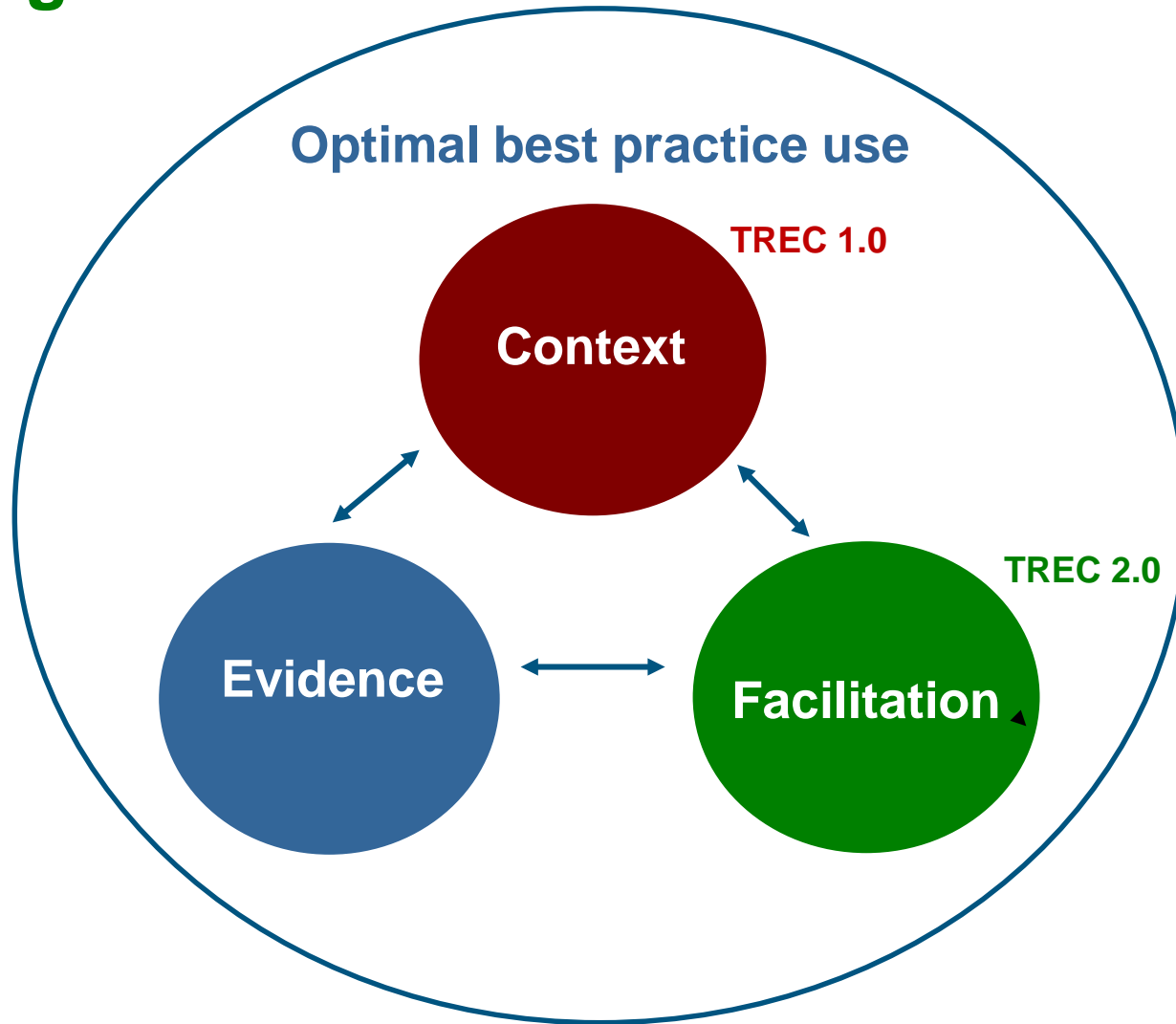
Based on...

- the needs of end users
- non-hierarchical relationships with stakeholders
- collaboration on research issues situated in a specific health care context



Basis of iKT

Framing TREC

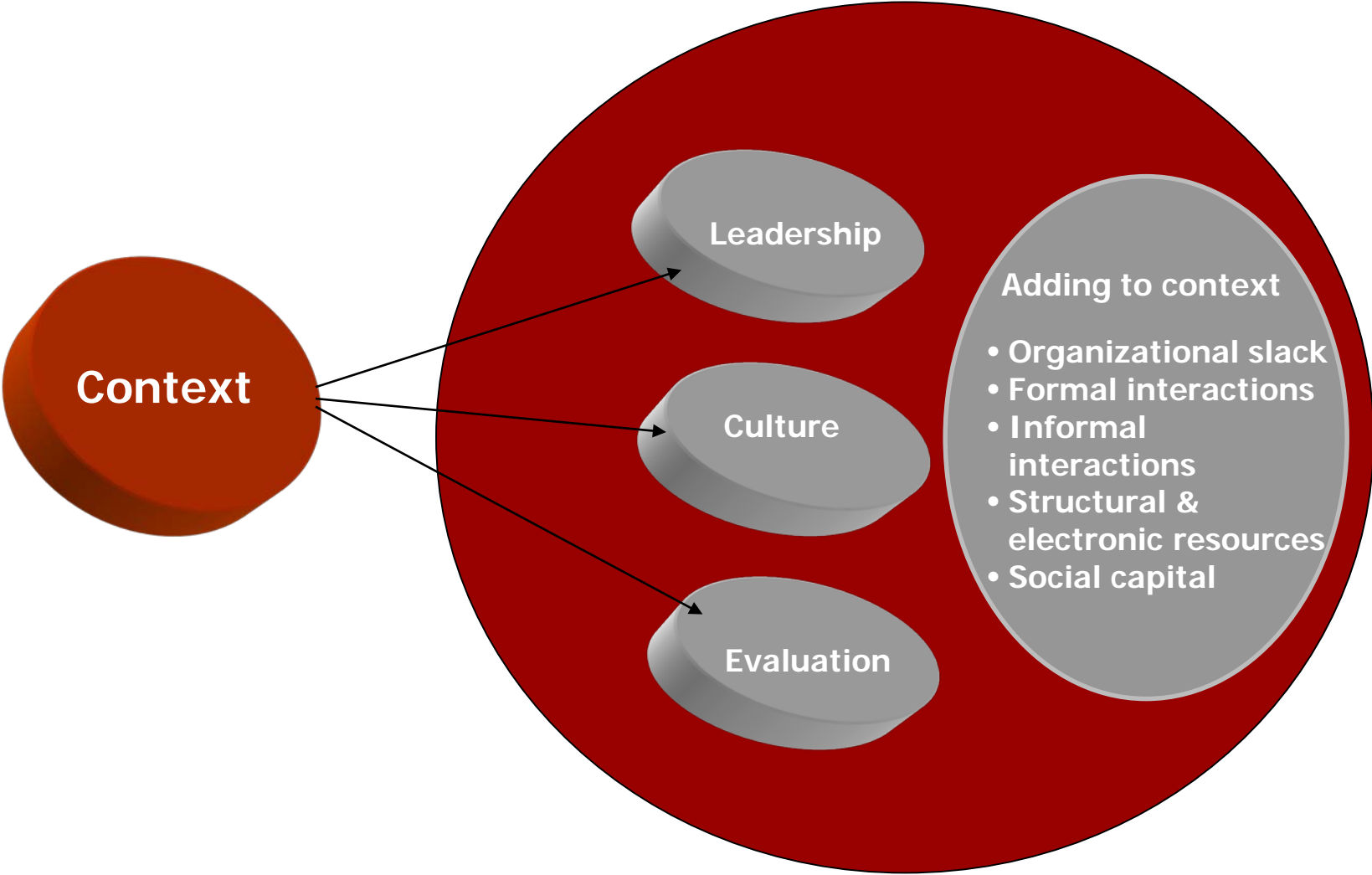


PARiHS Framework for Research Implementation

Kitson, et al., 1998, QSHC
Kitson et al., 2008, Impl Sci

**But see Kaplan et al 2010 MBQ re
Context & Quality**

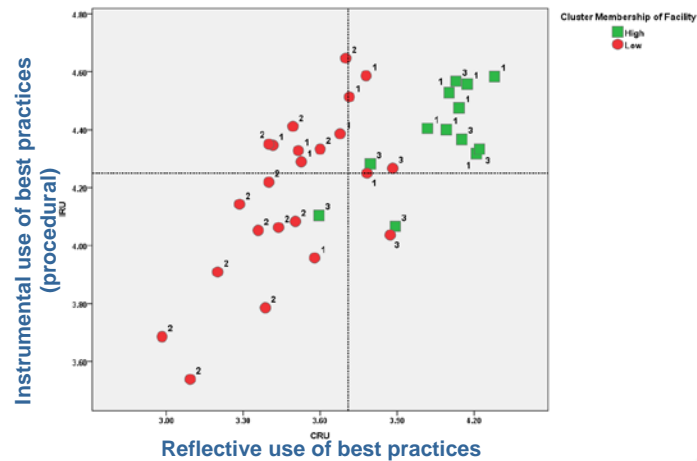
Concepts in the Alberta Context Tool (ACT)



Key findings from our first phase

#1 Context Matters

- Job/vocational satisfaction
- Physical and mental health
- Burnout
- Best practice use



#2 A successful intervention pilot

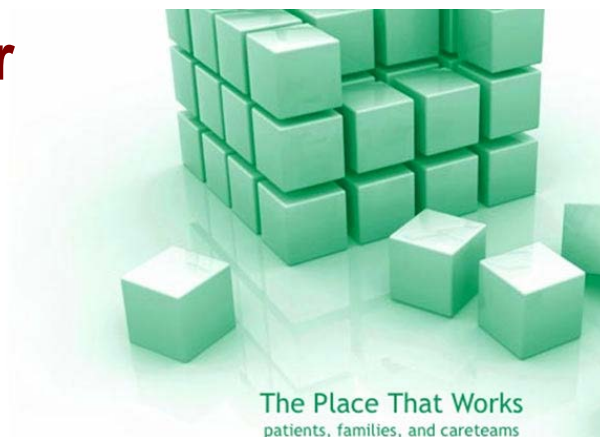


- Care aide engagement
- Leadership engagement
- Resident improvements

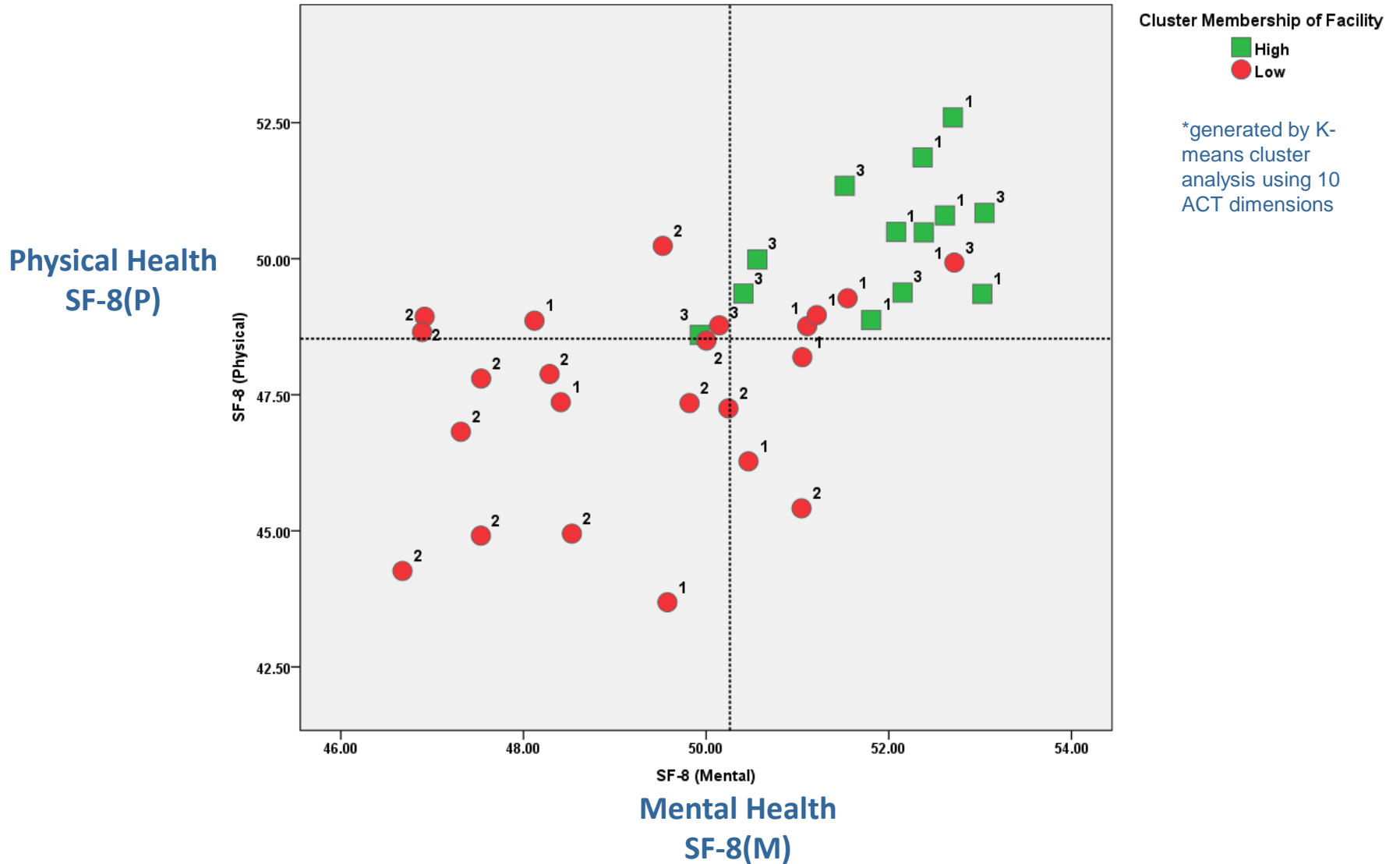


#3 Clinical Microsystems Matter

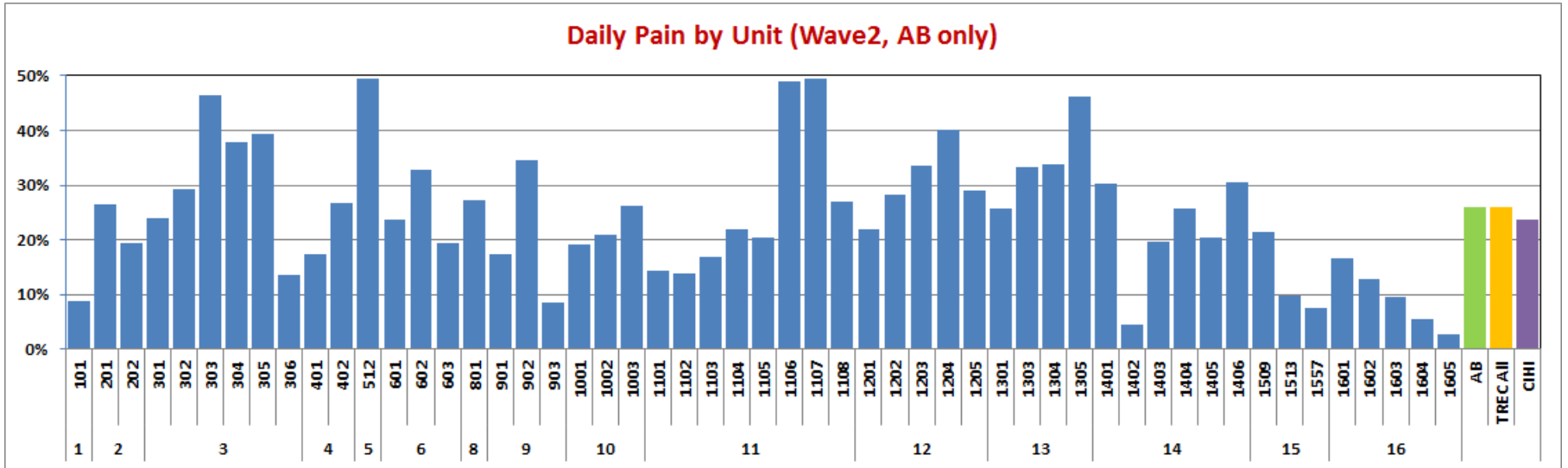
- An important focus for research and quality in residential LTC.
- Reporting only at facility levels masks important unit variation.



Context and physical / mental health NH level using the SF-8



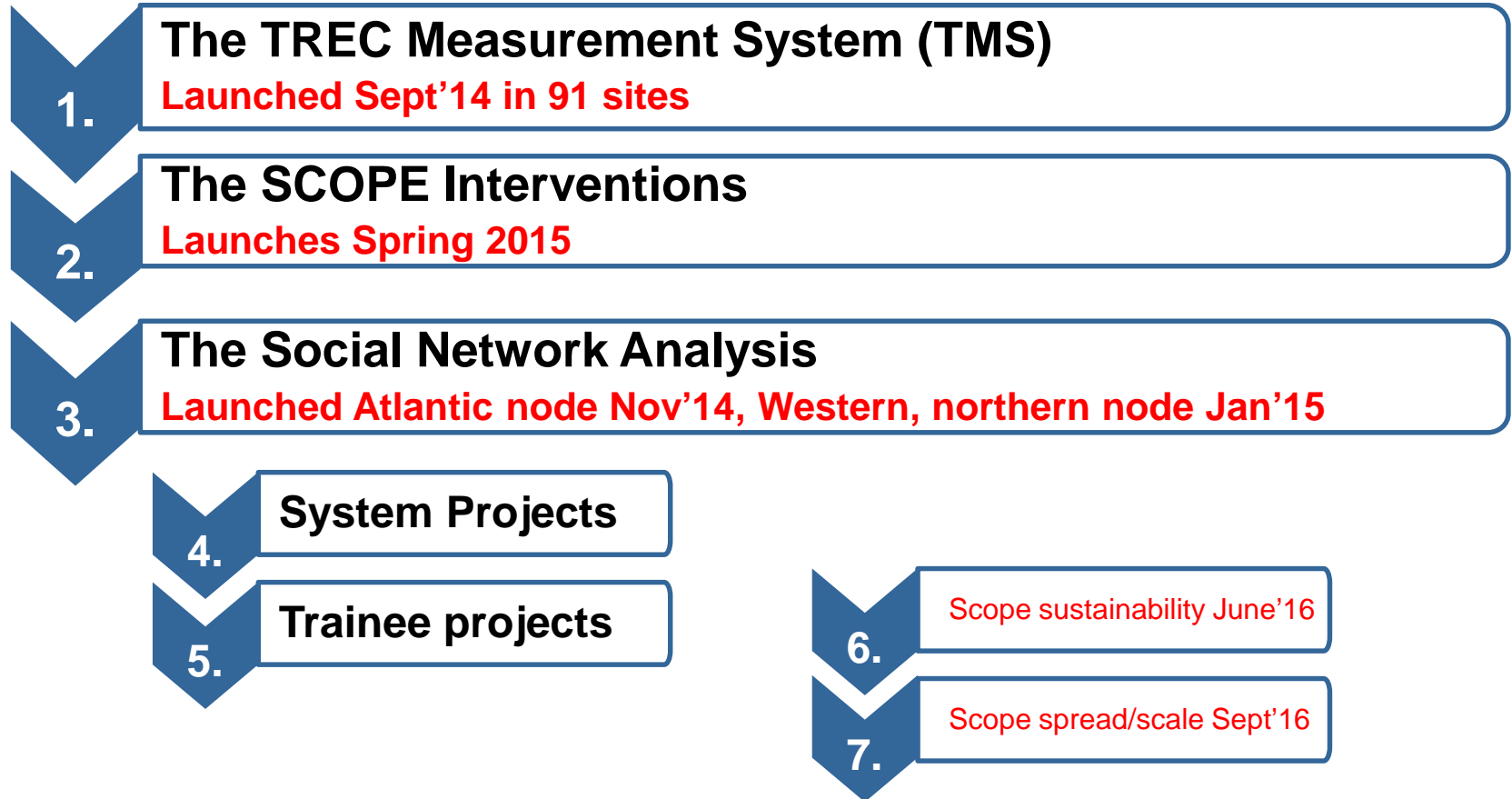
Pain



Going Forward –TREC 2.0

Changing the story

The Research Plan for TREC 2.0



The Research Plan

1.

The TREC Measurement System (TMS)

Timeline

- Launched in Sept 2014
- 90 facilities stratified by region, size, ownership
- Longitudinal building on TREC 1.0

Surveys: Staff, Unit, Facility

- 3 waves ~15 mo. apart
- All online except care aides (computer assisted interviews)

RAI-MDS 2.0

- Quarterly from custodians
- Reporting at unit and facility level
- Will include 13 TREC 1.0 SK sites

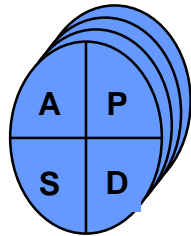
Feedback

- After survey waves
- During SCOPE and SNA
- Other as determined

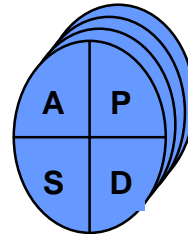
SCOPE

Safer Care for Older Persons in (Residential) Environments

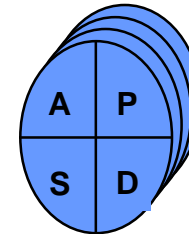
**Action
Period 1**



**Action
Period 2**



**Action
Period 3**



**Care Aide
led
quality
improvement
team**



**Celebration
Congress**

Site Visits

Teleconferences

Monthly Team Reports

Senior Leadership Stream

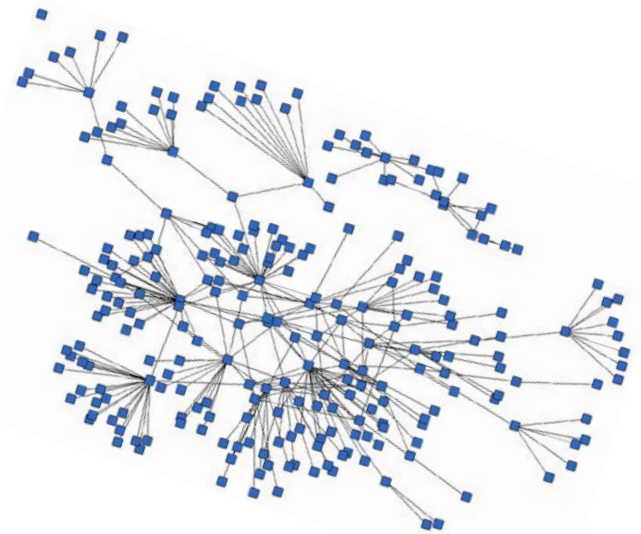
Changing the story

The Research Plan

3.

The Social Network Analysis

- **Online survey of directors of care/facility administrators in 958 NH in west, east, north**
- **Looking for the advice seeking network in this sector, where are there hubs (clusters) others look to, who links the hubs?**
- **Knowledge of the hubs and linking members of the network can be used to accelerate spread**
- **This sector not previously mapped**



The Research Plan

4.

2014 System Projects



- **Canary**



- **Trajectories**



- **Aggression**

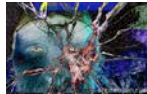
4.

2015 System Projects

- TBD with our knowledge users

The Research Plan

5. Trainee projects (examples)



• Pain



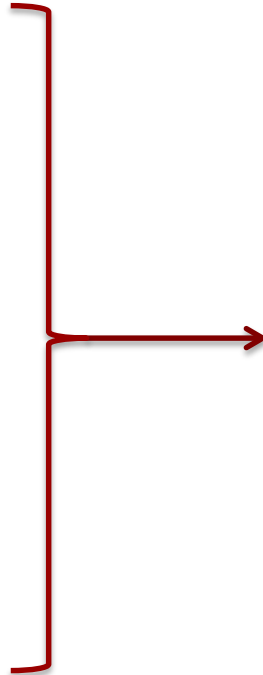
• Depression



• Oral health



• Alone in a NH



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JAMDA xxx (2014) 1–4



JAMDA

journal homepage: www.jamda.com



Special Article

International Survey of Nursing Home Research Priorities

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A B S T R A C T

Keywords:
Nursing home research
nursing home care
research priorities
education in nursing homes

This article reports the findings of a policy survey designed to establish research priorities to inform future research strategy and advance nursing home practice. The survey was administered in 2 rounds during 2013, and involved a combination of open questions and ranking exercises to move toward consensus on the research priorities. A key finding was the prioritization of research to underpin the care of people with cognitive impairment/dementia and of the management of the behavioral and psychological symptoms of dementia within the nursing home. Other important areas were end-of-life care, nutrition, polypharmacy, and developing new approaches to putting evidence-based practices into routine practice in nursing homes. It explores possible innovative educational approaches, reasons why best practices are difficult to implement, and challenges faced in developing high-quality nursing home research.

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Is a collaboration of researchers: Bringing expertise from different disciplines (nursing, medicine, social science, statistics etc.) from across Canada

Is a partnership approach: With meaningful contribution from decision makers and knowledge users ensuring that research meets the needs of our partners and has applicability

Aims to develop capacity: for research and quality improvement initiatives within the sector helping to ensure long-term, sustainable improvements

Preparing future researcher leaders in long term care: Providing quality training to students and post-doctoral fellows

Changing the story

Questions?

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