Knowledge in Motion:
Healthy Aging in Northern and Indigenous Communities

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Frailty and the Health Care System, October 24, 2016
Vulnerability with Aging

Frail Scale

Inflammaging & Multimorbidity
48/5: Promoting vitality in hospital

In the first 48 hours of hospital admission:
1. Delirium
2. Medications
3. Mobility
4. Nutrition
5. Elimination

Mobility: the 5th vital sign

Frail Scale

Baseline  Admission  Discharge  6m f/u

Control  Intervention

ALC  LTC

Baseline  Admission  Discharge  6m f/u

Mobility: the 5th vital sign
Federal Investments in Northern Health Research & Innovation

• HSNRI research is supported by CIHR, NSERC, and Canadian Consortium on Neurodegeneration of Aging

• HSNRI also seeks complementary economic development/infrastructure funding supports through programs such as FedNor (Industry Canada) and Network Centres of Excellence
Population Health Ecosystem for Ontario’s Northern and Indigenous Communities (PHEONICS Platform)

Advancing pan-Northern collaboration on health innovation using digital health technology to improve access, increase efficiency and improve outcomes for patients through:

• innovation ecosystem of researchers, industry, clinicians, regulators and patients built on a high speed computer platform

• designed to stimulate research and development on healthcare priorities of direct interest and benefit to Northern populations

• as a means to further the broader goals of Northern health equity and economic prosperity.