

QEII Foundation TRIC Grants Funded in the May 1, 2015 Competition

Summary of Anticipated Impact

1. FLO on Flow: Front Line Ownership of Emergency Department, Hospital, and Health System Patient Flow - A Novel Approach to ED Overcrowding (Level 1 Grant, \$2,904.30)

Dr. David A Petrie, BSc, MD, FRCP(C) Chief, Central Zone Network of Emergency Departments, and Trauma Team Leader, Charles V. Keating Emergency & Trauma Centre, QEII, Central Zone, NSHA

Karen Mumford, BScN, MHSA, CHE Senior Director, QEII Clinical Operations, Central Zone, NSHA

Impact: This study is the first step in identifying, clarifying and explaining what has and has not worked in the current approach to overcrowding in the Emergency Department. This project uses an approach called “Front Line Ownership” (FLO) to help identify practical strategies that have made a difference at various levels in the health centre environment but that have not been expanded to other parts of the system. If FLO approach can successfully be applied to addressing overcrowding in the ED, patient safety outcomes and wait times have potential to improve.

2. Non-Pharmacological Management of Depression in Dialysis Patients, a Scoping Review (Level 1 Grant, \$2,995)

Dr. S. Neil Finkle, MD, FRCPC Medical Director, Peritoneal Dialysis Program, Central Zone, NSHA and Provincial Dialysis Programs NS-PEI

Cynthia Stockman, BScN, MN, RN, CCNP Health Services Manager, Outpatient Nephrology, Central Zone, NSHA

Impact: Patients undergoing renal dialysis often develop depression. The team will conduct a detailed review of non-pharmacological management strategies for depression in dialysis patients. The review will inform the development of a multidisciplinary management strategy for management of depression in dialysis patients.

3. An Uncommon Approach To A Common Problem: Low Back Pain in the Emergency Department (Level 1 Grant, \$3,000)

Dr. Jill Hayden DC, PhD Affiliate Scientist, Central Zone, NSHA

Dr. Samuel Campbell MB BCH, CCFP(EM), Dip PEC(SA), FCCHL Chief, Department of Emergency Medicine, Charles V. Keating Emergency & Trauma Centre, Medical Director of Triage, Interfacility Transport and in-House Paramedics, Central Zone, NSHA

Impact: This project builds on ongoing research about the management of low back pain in the Emergency Department. This project will engage stakeholders in the QEII Emergency Department to identify and prioritize research gaps and evidence based implementation priorities to improve the management of back pain in the Emergency Department. By improving the delivery of evidence-informed health care, this project could improve patient outcomes and save health care dollars.

4. Feasibility and Effectiveness Study of Implementing Prism Adaptation as a Treatment for Spatial Neglect after Right Hemisphere Stroke (Level 2 Grant, \$29,346.85)

Dr. Gail Eskes, PhD, R. Psych. Staff Psychologist, QEII Health Sciences Centre, NSHA

Dr. Richard Braha, PhD, R. Psych. Program Manager, Acquired Brain Injury Program (ABI), Central Zone, NSHA

Impact: Visuospatial neglect is a common and disabling neurological condition after a right-hemisphere stroke. The goal of this project is to improve rehabilitation of patients with spatial neglect using an evidence based game called Peg The Mole. Improving rehabilitation involves decreasing symptoms of neglect, improved performance in activities of daily living and reduced health care costs associated with decreased length of stay and need for resources upon discharge.