

E-Stim Collaboration

NEWSLETTER

February 2017

Project Update

We are now at the beginning of Cycle 4 (see timeline of study activities on the reverse side). Critical to the success of this project that we recruit at least ten more participants. **Please note, this study is not just for patients with spinal cord injuries, but also for those with pressure ulcers due to a variety of issues.** Please see all the inclusion criteria in the "Who can participate in this study?" box to the right.

We are currently seeking feedback from those who have worked with research team or treated patients with E-Stim. This information is used to make improvement for subsequent cycles. Please contact Melissa to share your suggestions.

In order to recruit at least 10 more patients and associated care givers, we have decided to include a fifth cycle in the implementation phase of this project. All cycles in the implementation phase are targeted to be complete by the end of July (please see the next page).

The use of E-Stim to speed healing of pressure ulcers – is currently under review by Health Quality Ontario (HQO) and the Ontario Technology Assessment Centre (OnTAC).

E-Stim and pressure ulcer care are the subject of a current review by Health Quality Ontario (HQO) is a provincial agency that is dedicated to ensuring our health care system delivers a better experience of care and better outcomes for Ontarians at better value for money. Wounds, including pressure ulcers were identified as one of the most common disorders in Ontario affecting thousands of patients each year. E-Stim was the only adjunctive therapy selected for a formal review by OnTAC. It was selected because of the substantial clinical research evidence and a strong recommendation for its use in the recent RAO best practice guidelines on pressure ulcer assessment and treatment (4th edition, 2016). The recent focus by Ontario Ministry of Health & LTC on pressure ulcer and E-Stim treatment makes the work of the E-Stim Collaboration critically important.

For a specific intervention to become a health care standard it must be shown to be feasible to implement in clinical practice.

We have the resources and experience to inform this important initiative!



Pamela Houghton, PhD, PT, Principal Investigator Western University

What is E-Stim?



Electrical stimulation (E-Stim) is a therapy that directly stimulates several wound healing processes, promotes local circulation and prevents wound infections. It produces faster healing and wound closure. A specially trained health care provider applies low levels of electrical current to the pressure ulcer using specialized equipment.

Who can participate in this study?

- Individuals with a condition that causes limited mobility and/or requires a wheelchair
- Open and healable pressure ulcer
- Able & willing to participate in treatment plan and communicate feedback
- Lives within Southwest CCAC region
- Medically stable

If you know of any one who is interested in participating in this study and have agreed to share their contact information, please share their name and number with research coordinator, Melissa MacKay at 519-661-2111 x82287

KEY ACTIVITIES

- **Clinical Skills Workshop:** During the most recent e-stim training day, held October 21st 2016 at Western University, we successfully trained over 20 individuals from various community agencies to administer the e-stim treatment for their clients. These individuals have increased the SW-CCAC e-stim provider pool in hopes of increasing e-stim usage in the community. **Our next workshops will take place on March 31st and April 1st. If you would like to register please contact us.**
- **Community of Practice:** A community of practice has been implemented for the community providers who are involved in delivering E-Stim to chronic wounds. Recently members using E-Stim in other sites across Canada have joined this group. This community of practice will meeting regularly via webinar to discuss cases, new research in wound healing and other topics surrounding wound healing and other best practices in pressure ulcer care. Our next meetings will take place between 5 to 7pm Eastern on March 8th and April 5th 2017. Contact us if you would like to join this community of practice.
- **National Advisory Council for E-stim:** The inaugural meeting of the Advisory Council for the E-stim Collaboration Project was held on at Windermere Manor, London on December 9th, 2016. This advisory group includes eighteen key opinion leaders representing a broad background in wound care, pressure management, and spinal cord rehabilitation. Clinicians from five health care facilities located across Canada are actively involved in changing practice and providing E-Stim to their patients. By sharing experiences and successful strategies, this group will lead a national roll out of E-Stim implementation. The collective experience of this impressive group will provide invaluable advise and guidance to those working in the pilot implementation project in the London region. The council will meet monthly via teleconference to discuss important topics. A full report from the first meeting is available

Updated Implementation Plan

Mar 2015	Sept - Dec 2015	Mar - Jun 2016	Sept-Dec 2016	Feb - April 2017	June-Aug 2017	Aug - Dec 2017
Preparation	Implementation					Dissemination
	Cycle 1	Cycle 2	Cycle 3	Cycle 4	Cycle 5	
Agreements <ul style="list-style-type: none"> • Research Ethics • Privacy • Partnerships Educational Resources <ul style="list-style-type: none"> ADAPTE Workshop • Map the Process • Forms and Documentation 	<ul style="list-style-type: none"> • Trial initial model of care • 4 people with SCI and pressure ulcers from London enrolled. 	<ul style="list-style-type: none"> • Modify E-Stim model of care and process map • Expand project to people with pressure ulcers living in communities across SW-LHIN • Care providers for 4 patients learned about E-Stim processes 	<ul style="list-style-type: none"> • Implement the use of CHAYA as a communication strategy • Revised processes implemented • Modules and workshops to Estim provider pool • 3 patients and care providers enrolled. 	<ul style="list-style-type: none"> • Continue implementation of CHAYA communication platform • Refine educational tools and modules • Expand recruitment to patients and care givers in LTC facilities • Develop patient self management approach for E-Stim delivery • Target 5 new patients enrolled 	<ul style="list-style-type: none"> • Implement sustainable model of care based on lessons learned from previous cycles • Target 5 new patients enrolled 	<ul style="list-style-type: none"> • Sustain the model of care in SW LHIN and expand to other regions • Review data and plan for a pan-Canadian initiative
		Dec 2015 - Feb 2016 Reviewed data and plan for cycle 2	July - Aug 2016 Review data and plan for cycle 3	Dec 2016 - Jan 2017 Complete surveys Review data and plan for cycle 4	May-June 2017 Complete surveys Review data and plan for cycle 5	