



Electrical Stimulation (eSTIM) Referral Assessment

Patient Name:		BRN:	
Address:		Date of Birth:	
Date:		AGE OF WOUND:	
Physician/Wound Care Specialist, please check to indicate type of wound and indicate patient has met eligibility criteria – Patient must meet eligibility criteria before provision of eSTIM by Ontario Health atHome			
TYPE OF WOUND		MUST BE COMPLETED FOR ELIGIBILITY	
<input type="checkbox"/>	Pressure ulcer	Pressure must be offloaded	Indicate pressure relieving devices in use:
<input type="checkbox"/>	Diabetic foot ulcer	Patient blood sugar is being monitored/controlled Wound must be offloaded	State blood sugar: State offloading device:
<input type="checkbox"/>	Venous leg ulcer	Must be in compression	State type of compression system:
<input type="checkbox"/>	Arterial ulcer	ABPI must be \geq 0.5 or vascular assessment complete	State ABPI: Vascular studies complete yes <input type="checkbox"/> no <input type="checkbox"/>
<input type="checkbox"/>	Surgical	Must be open surgical wound	Type of surgery:
<input type="checkbox"/>	Pilonidal sinuses	Must be offloaded when patient is sitting/lying	Indicate pressure relieving devices in use:
<input type="checkbox"/>	Other		State type of wound:
Wound Measurements and Description			
Length:	cm	Width:	cm
		Depth:	cm
Undermining:		Tunneling:	
Expected therapy goals:		Healing in _____ weeks	
<input type="checkbox"/> Wounds must have the following criteria to be eligible for eSTIM therapy:			
<ul style="list-style-type: none"> • Healable wounds • Wounds that are not healing at the expected rate despite evidence-based wound care practices. • Surgical wounds. • Leg ulcers with ABPI \geq 0.5 • Stage III to IV Pressure Ulcers. • Dehisced wounds. • Diabetic foot ulcers following surgical procedures or sharp debridement with viable tissue (ABPI \geq 0.5.) 			
No eSTIM therapy contraindications exist (request will be denied if any of these are present):			
<ul style="list-style-type: none"> • Failure to treat-the-cause of the wound first (pressure – offloading, edema – compression, etc) • Unknown wound etiology or wound of inflammatory origin (pyoderma, vasculitis etc). • Patient is pregnant or planning to become pregnant • Wound is in the face, neck or genital areas • An unexplored fistula to organs or body cavities (other than chronic enteric fistulas.) • Unresolved, untreated osteomyelitis and any infection that is untreated prior to application. • Malignancy or cancer in wound margins, or any type of metastatic cancer anywhere in the body • Presence of DVTs or blood clots. 			

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<ul style="list-style-type: none"> Exposed blood vessels and/or organs. Recently radiated tissues. ABPI must be ≥ 0.5 or vascular assessment complete. Cardiac Pacemaker or other implanted device in the wound region. 		
<input type="checkbox"/> Precautions have been addressed:		
<ul style="list-style-type: none"> Patient receiving anticoagulants with stable INRs. Not experiencing active bleeding or anemia. Immunodeficient disease, for example Leukemia, HIV. Haematologic disorders well-controlled. Diabetes or hypertension well-controlled. No current abuse of drugs or alcohol. Skin diseases causing rash or broken skin, areas of breakdown or irritation under the electrodes. Impaired sensation that prevents individuals from giving feedback Areas with impaired circulation (mild to moderate) Unstable cardiac arrhythmia (if treating thorax or upper arm) Persons with history of Autonomic Dysreflexia Wound is protected from contamination by feces, urine or other caustic substances 		
<input type="checkbox"/> Discontinuation Criteria: eSTIM will be d/c if any of the following exist (APR required at 2 and 4 weeks of tx):		
<ul style="list-style-type: none"> When there is no measurable progress to wound healing within two weeks; When there is not 20-40 percent reduction in the size of the wound within three to four weeks; The goals for healing have been met; If any of the following occur: bleeding, bruising, pain or muscle spasm during therapy, burn, the patient does not comply with the treatment regime, a rash or broken skin develops, or the wound deteriorates. 		
The physician/WCS has assessed that eSTIM is safe to use for this patient YES <input type="checkbox"/> NO <input type="checkbox"/>		
<u>Contraindicated with eSTIM: Products containing ionic metal (silver, zinc), high salt (chloride, iodine) or petrolatum, and other oil based products. The only silver dressing compatible with eSTIM is the provided Silver Nylon dressing as it does not release silver</u>		
Monopolar Technique:	Protocol: <ol style="list-style-type: none"> Prepare wound: cleanse, debride, including peri-wound, as required Dispersive electrode (large) placed at least 30 cm away from wound Active (smaller) electrode placed directly in wound with dressing and semi-occlusive cover dressing: <ul style="list-style-type: none"> Dressing Choice (please initial): Saline/hydrogel Soaked hydrofibre _____ Saline/hydrogel Soaked gauze dressing _____ Saline/hydrogel Soaked Silver Nylon Dressing _____ Connect dispersive electrode to red wire, active electrode to black wire - use extender if needed Connect wires to machine Set Stimulus: Polarity (-ve in week one, alternate +/- weekly), Frequency: High Intensity: turn up until pins and needles sensation is felt or sub-motor in those with no sensation Treatment schedule: 60 min, once per day : _____x per week (minimum 3) 	
Bipolar Technique:	Protocol: <ol style="list-style-type: none"> Prepare wound: cleanse, debride, including peri-wound, as required Wound dressing completed with semi-occlusive absorptive dressing: <ul style="list-style-type: none"> Dressing Choice (please initial): Saline/hydrogel Soaked hydrofibre _____ Saline/hydrogel Soaked gauze dressing _____ Saline/hydrogel Soaked Silver Nylon Dressing _____ Apply 2 electrodes of equal size on intact skin on either side of the wound (1 cm from edge) Tape down electrodes if required (cloth tape) and attach one to black wire, one to red wire. 	



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	5. Connect wires to machine, add extension wires if required. 6. Set Stimulus: Polarity (-ve in week one, alternate +/- weekly), Frequency: High 7. Intensity: turn up until pins and needles sensation is felt or sub-motor in those with no sensation 8. Treatment schedule: 60 min, once per day : _____ x per week (minimum 3)		
Garment Technique (sock):	Protocol: 1. Dress the wound as normal, use the smallest dressing possible to allow the eSTIM to have the most contact with the leg as possible. Do not use wound products contraindicated above. 2. Ensure the leg and foot are free of oils, zinc, metals etc that are not compatible with eSTIM 3. Apply conductive spray or cream. Ensure good contact with all skin below the knee, including the foot. 4. Apply the sock to the foot and lower leg. Removing creases. Try not to wipe off all the conductive spray or cream when pulling on the sock. 5. Attach the black and red lead wires to the eSTIM machine. It doesn't matter which side. 6. Use the pin to snap connector to attach the wires to the sock. The black wire goes to the DISTAL portion of the sock, the red wire to the PROXIMAL portion. 7. Turn on the eSTIM machine. Frequency: high, Intensity – pins and needles or submotor. - Note: On the Micro-Z machine, the frequency is preprogramed to "P1" and the machine will automatically turn off after 1 hour. Intensity still needs to be adjusted to fit the patient each time. 8. Treatment schedule: 60 min, once per day: _____ x per week (minimum 3)		
Other items required:			
Other instructions(if required):			
Provide alternate wound dressing treatment should the eSTIM need to be interrupted or discontinued:			
Best Practice <input type="checkbox"/> OR:			
Name of Facility/Provider:			
Physician/Wound Care Specialist:			
Supplies Required:			
Electrode Size:	2" x 2" Square <input type="checkbox"/>	2" x 3.5" Rectangle <input type="checkbox"/>	2" x 4" Oval <input type="checkbox"/>
Silver therastocking size: (Calf Circumference)	Shoe size up to 6 <input type="checkbox"/> Calf circumference < 35 cm	Shoe Size 6-11 <input type="checkbox"/> Calf Circumference	Shoe size 11-13 <input type="checkbox"/> Calf Circumference 38-41 cm