

INDICATIONS:

Use Estim in the following situations

Most open wounds (not incisional):

- Pressure injuries
- Diabetic foot wounds
- Venous Leg Ulcers
- Arterial or ischemic wounds
- Post traumatic or surgical dehisced wounds

Wounds that are considered healable

Wounds that are not healing at the expected rate despite good conventional wound care

Use soon after wound onset or individuals with a history of impaired healing or have a condition known to delay repair processes (e.g. diabetes, rheumatoid arthritis, spinal cord injury)

CONTRAINDICATIONS

Estim should not be used

- Presence of cancer in the region where EST is applied (confirmed or suspected). Consider common sites of metastases
- Over or near electronic implants (e.g. cardiac pacemakers, defibrillators)
- Blood clots (e.g. deep vein thrombosis)
- Recent radiated tissues
- Advancing, untreated infection (cellulitis, tuberculosis)
- Untreated osteomyelitis or where bone is exposed now or previously, causing copious wound exudate
- Severe arterial insufficiency (ABI < 0.05) where EST application exacerbates ischemic pain
- Wound care products containing ionic substances including metals (zinc or silver (most silver dressings cannot be used with Estim), high levels of chlorine or Iodine (Proviodyne, Betadine) or concentrated salt (hypertonic saline)
- Wound care products used in or around the wound that contain petrolatum or other oil-based products
- Areas near eyes or genitalia, or over anterior neck (carotid sinus)

PRECAUTIONS

Use caution when applying Estim to clients with the following:

- Skin diseases causing rash or broken skin
- Impaired sensation that prevents individuals from giving feedback
- Areas with impaired circulation (mild to moderate)
- Persons receiving Anticoagulation therapy
- Persons with coagulopathy
- Unstable cardiac arrhythmia (if treating thorax or upper arm)
- Persons with history of Autonomic dysreflexia
- Over Metal implants
- Monitor for adhesive allergies (rash under electrodes)

Caution = should be applied by experienced persons who know what to expect and can monitor more frequently. Estim intensity may need to be lowered.