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**Date:** September 25, 1992  
**Organization:** Gig Harbor Foot and Ankle Clinic  
**Location:** Gig Harbor, WA  
**Author(s):** James D. McAlexander, D.P.M.  
**Indications:** pain

**Case description:**

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September 25, 1992

RE: J.F. - RE: Alpha - Microcurrent Stimulation

I am writing you with regards to one of our patients, J.F., who was treated at St. Joseph Hospital by a team of one podiatrist, endocrinology, and infectious disease for a deep space infection of the left foot. She was incised and drained on 9/11/92 with an ingress/egress system in order to assist the drainage. Upon removal of the drain system, and discontinuation of the wet-to-dry deep wound packing, an Alpha-Stim microcurrent unit was begun, with intensity of "6" used for two hours b.i.d. in order to speed the granulation process of the large crater so created from the infection. Following approximately seven days of Alpha-Stim microcurrent therapy, the base of the wound was noted to be granulating nicely, with a marked diminishment of the formation of fibrotic and necrotic tissue at the base of the wound. The necessity to debride this wound was markedly diminished after usage of the Alpha-Stim. Also noted at that time was a surprising degree of neopithelialization about the wound edges. The above healing process has proceeded much more quickly than I would have expected otherwise, given the patient's diabetes with labile blood glucose levels.

Incidentally noted during the treatment, Ms. J.F. was noted to have a decrease in the neuropathic symptomatology in the left foot, after approximately four to five days of usage of the Alpha-Stim microcurrent unit. We are hypothesizing that this may be as a result of increased circulation into the area, which is supported by the observation that the "roof" of the deep space infection, quite tenuous post-operatively, has at this point survived.

I would, then, like to thank you for helping us with this most complex case. Both patient J.F. and I are quite pleased with the healing results so obtained with your microstimulation machine.

Sincerely,

James D. McAlexander, D.P.M.