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Congress Theme: "TREATMENT OF DIABETIC FOOT ULCERAS USING HIGH POWER RADIOFREQUENCY TECHNOLOGY WITH A C-BOOT DEVICE"

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Summary**"Summary"**

Introduction: It is known that the application of Radiofrequency in wounds, improves vascularization and oxygenation of tissues, it has also been shown to increase the Epidermal and Vascular Growth Factors. It is known to be a safe and well tolerated treatment by the patient. In order to know the effect of this treatment on the Diabetic Foot Ulcers, this study was carried out, incorporating a C-Boot, designed to apply the radiofrequency treatment with a C 100 CAPENERGY for application in the foot ulcers.

Methodology: Four patients were treated with one or several ulcers where 10 minutes of capacitive electrode treatment was first applied in the area of the ulcer at a power of 50% of that delivered by the team. Then it was applied 20 minutes using the C-Boot with active and passive plate. The treatment was applied once a week. Ecosonography was performed to evaluate subcutaneous edema and a Visual Analogue Pain Scale.

Results: All patients noticed a decrease in the symptoms of edema and a decrease in pain from the first weeks, at the end of the treatment the ulcers were closed, improving the quality of life of these patients. **Conclusions:** The application of Tecarterapy with the use of C-Boot has proven to be an effective treatment for the treatment of ulcer in the Diabetic Foot.