

P12 MESOTHERAPY: A NEW TECHNIQUE FOR HEALING CHRONIC WOUNDS

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BACKGROUND: Mesotherapy is a minimally invasive technique that was developed by a French physician, Michel Pistor in the mid 1950's⁽¹⁾. This technique involves the injection of tiny aliquots of medication into the mesoderm. It is reported that it has been used successfully for superficial and deep pain relief, skin rejuvenation, and lipolysis. This case presentation will describe the use of this minimally invasive therapy in the treatment of chronic wounds that have failed to heal in five months.

OBJECTIVES:

1. Discuss the innovative use of the minimally invasive mesotherapy in the treatment of chronic wounds.
2. Describe 4 cases where mesotherapy was successfully used to heal stalled chronic wounds.

METHODS: Using a cocktail of DMAE, mesovitamins and procaine approximately 1.5 milliliters were injected into the mesoderm at the periphery of wounds on four chronic wound patients. Those patients included a patient with Klippel-Trenaunay Syndrome, a noncompliant patient with venous insufficiency; a severe alcoholic with lower leg surgical wounds with constant serous drainage, and a patient with bilateral wounds with no soft tissue in the calf area with exposed bone. All wounds healed successfully within four weeks except for the last patient who has four to five wounds with the last in the final healing stage.

CONCLUSIONS: Mesotherapy shows promise in the healing of recalcitrant chronic wounds and needs further exploration as an effective therapy in the treatment of chronic wounds.

REFERENCES:

1. Le Coz, J. *Traite de mesotherapie*. Masson, Paris. 2004.