



Scar Tissue Reconditioning With Microcurrent Therapy

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Microcurrent (current under 1000 microamperage) is used by the body in ways unique to it and not shared by ultrasound or stronger amperage modalities. It efficiently activates and energizes the tissues on a cellular level. It is often called "intelligent TENS". The cellular organelles are facilitated and the following occurs: increased mitochondrial production of ATP energy compounds, increased ribosomal RNA production for protein synthesis and tissue repair, increased phagocytosis for cellular (intra and intercellular) waste removal, and increased cell membrane permeability for moving oxygen and nutrients in and waste products out, of cells and tissues.

The Electro-Acuscope (EA) Electro-Myopulse (MP) semi-cybernetic microcurrent equipment was initially developed during the bio-feedback therapy emergence of the 1970's. It was created by a brilliant researcher from a German physiotherapy equipment company and several former NASA scientists.

Semi-cybernetic microcurrent therapy is described as follows: the microcurrent travels from a probe or a plate through an area of the body, and re-enters the device through another probe or plate. The ionic wave returning to the device brings information regarding the ability of the tissues to conduct the wave pattern sent through it. The computer then reshapes the wave pattern of the next new wave form it sends based on this information to make another new corrective wave pattern. It alters the wave pattern on a moment by moment basis to keep adapting to the body's changing and improving responses. The device thus receives its treatment parameters via the body's response signals to conduct the current with less distortion in its wave pattern as the tissues improve. When there is a wave distortion, this usually indicates distortion in the fabric of the tissues; torn soft tissues, metabolic waste in pulled or fatigued

muscles, bony breaks and scar tissue. When the wave pattern hits damaged, fatigued or toxic (with acid chemistry) tissues the wave pattern is altered. The computer picks up the wave distortion and immediately alters the current traversing the tissues to stimulate a new therapeutic resonance. The device thus "emits a complex wave form" (FDA description) in a way that is continually influenced by the body's changing needs.

Could this explain the wondrous relief a 50 year old mother experienced when she was treated with EA-MP technology for painfully tender caesarian scars from the births of six sons? The pain radiating from the scar was so intense that she felt it in her pelvis and low back. She could not tighten her belt or even wear a crinkly blouse without horrible discomfort.

What makes this electrotherapy so effective is that the wave patterns that traverse the scar tissue often alter the color, texture and fabric of scars in ways that also relieves painful sensitivity.

After two (2) one half hour treatments with the EA-MP equipment, her scar was reduced from being raised about 1/8", dark brown and painful to a depth of about 1/16", pinkish like her skin tone and painless. It went from being rough and ridged to soft and smooth.

Treating scar tissue in and around organs like the liver, spleen or pancreas following car accidents, for example, may bring the healthy restoration of organ function. Computer microcurrent has also been used to recondition the heart (myocardium) and other organs after surgery.

EA-MP technology will help most scars, most of the time especially when there is healthy tissue around it. A huge scar with little healthy surrounding tissue may not respond

as quickly or completely.

Jim Gabriel has used the EA/MP equipment in his practice since 1984, providing approximately 8000 treatments.

Please call to arrange a complimentary consultation or to set appointments at 954-0300 or email to info@jimgabriel.net.