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Noninvasive Device Improves Healing of Chronic Wounds

CHICAGO-A new device may help solve the old problem of healing chronic wounds.

Wound tissue regenerated and responded positively to therapy with a new low-current electrical device, Dr. Bok Y. Lee of the New York Medical College in Valhalla reported at the American College of Surgeons meeting here. In a clinical trial of 23 pressure ulcers due to immobility, spinal cord injuries, diabetes, and other causes, all patients showed some healing and 8 completely healed over an average 17 days.

The ElectroRegeneration Therapy Device (ElectroRegeneration, Pacific Palisades) provides ultra-low electrical currents through special water wraps applied near the lesions. This stimulates regeneration of injured tissue, reduces inflammation and enhances an immune response.

Chronic, often debilitating, wounds that had not responded to standard treatment healed completely for up to five years after using the device.

ERTD may become standard care for wound healing and pain control, says Dr. Lee. FDA approval is expected this year. -Denise Korniewicz