



Bone Fracture

A group of 83 adults with ununited fractures were examined for the effects of bone grafting and pulsed electromagnetic fields for this study. Results showed a successful healing rate of 87 percent in the original 38 patients treated with bone grafts and PEMF for ununited fractures with wide gaps, malalignment, and synovial pseudarthrosis. Of the 45 patients that were not successfully treated with PEMF and had bone grafting, when re-treated with pulsing electromagnetic fields, achieved a 93 percent success rate. **(1)**

Examining the effects of pulsing electromagnetic fields on 125 patients suffering from ununited fractures of the tibial diaphysis, showed a healing success rate of 87%. **(2)**

Citation:

(1) C.A. Bassett, et al., "Treatment of Therapeutically Resistant Non-unions with Bone Grafts and Pulsing Electromagnetic Fields," *Journal of Bone Joint Surg*, 64(8), October 1982, p. 1214-1220.

(2) C.A. Bassett, et al., "Treatment of Ununited Tibial Diaphyseal Fractures with Pulsing Electromagnetic Fields," *Journal of Bone Joint Surg*, 63(4), April 1981, p. 511-523.

Vitality Wellness Center

2210 Encinitas Blvd, Suite G-2 Encinitas, CA 92024

Monday - Saturday by appointment

(760) 845-2905

www.enjoyvitalitywellness.com