J Orthop. 2017 Jun 29;14(3):410-415. doi: 10.1016/j.jor.2017.06.016. eCollection 2017 Sep.

Electromagnetic transduction therapy in non-specific low back pain: A prospective randomised controlled trial

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PMID: 28736490 PMCID: PMC5510490 DOI: 10.1016/j.jor.2017.06.016

Abstract

Objectives: A prospective randomised controlled trial to investigate the efficacy of electromagnetic transduction therapy (EMTT) for treatment of patients with non-specific low back pain.

Design: Two groups with non-specific low back pain were either treated with conventional therapy alone over 6 weeks or in combination with 8 sessions of EMTT.

Results: In both intervention groups the low back pain related pain and the degree of disability decreased significantly at follow-up visits. Combination of EMTT and conventional therapy proved significant superior to conventional therapy alone.

Conclusion: EMTT is a promising treatment in patients with non-specific low back pain.

Keywords: Conservative treatment; EMTT; Electromagnetic fields; Low back pain; ODS; PEMF.

Figures

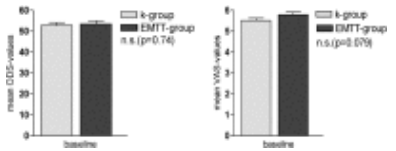

Fig. 1 VAS and ODS score at...

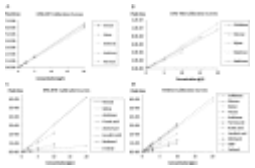

Fig. 2 VAS and ODS values at...

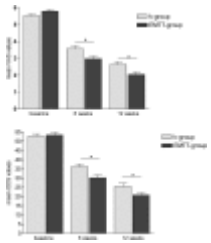

Fig. 3 Mean VAS and ODS scores...

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