

Utilization of pulsed electromagnetic field and traditional physiotherapy in knee osteoarthritis management

Battecha KH, Soliman ES. (2015) Utilization of pulsed electromagnetic field and traditional physiotherapy in knee osteoarthritis management. *Int J Physiother Res*, Vol 3(2):978-85.

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Aim: Evaluate if the use of PEMF (with Easy terza serie) in addition to traditional physical program (ultrasounds+ exercise) produces better clinical results in patients with knee OA.

Study Design: 20 patients allocated to 2 groups. Group A - PEMF+ultrasounds+exercise and Group B- Ultrasounds+ Exercise. Assessment of ROM, VAS and WOMAC were performed pre and post 4 week program

Results: Improvement for both groups. Easy terza serie treated group had significantly better results for each parameter respect to traditional physical program alone group.

Conclusion: The addition of PEMF to traditional physical program in managing knee OA patients produced a greater improvement in all the tested parameters.