

Musculoskeletal complaints improve with homeopathy

Millions of people suffer from musculoskeletal complaints including rheumatic diseases in countries all across the world¹⁻³. Many consult with complementary and alternative medicine (CAM) practitioners⁴ and homeopathy is one of the most frequently used CAM modalities⁵. An increasing amount of documentation confirms homeopaths' positive experience in treating patients suffering from these complaints.

Twenty-three studies testing the effect of homeopathy in musculoskeletal complaints

As many as 23 research studies have been carried out to determine the effect of homeopathy for patients suffering from rheumatic and other musculoskeletal complaints⁶⁻³⁰ (rheumatoid arthritis⁶⁻¹⁴, osteoarthritis¹⁵⁻²⁰, fibromyalgia²¹⁻²⁵). These trials, which include a total of over 2 300 patients, overall show positive results in favour of homeopathy. In most studies patients suffered from long-term complaints and were treated with homeopathic remedies for an average of four to five months. Examples include studies with 77 % improvement over the first month of treatment in 400 rheumatic patients²⁰; reduced severity of pain in 87 % after six months¹⁴; and reduced pain, stiffness and swelling of joints in 85 % after three months of treatment of long-standing osteoarthritis¹⁷.

Homeopathy is safer and at least as effective as conventional treatment

In five studies including almost 500 patients homeopathy was found to be more effective than conventional treatment^{11,13-14,20,25}, in three (n=778 participants) it was equally effective^{15-16,18} and only in one small trial (n=36) was homeopathy inferior to conventional drugs¹⁹. All ten studies considering the safety of treatment found that homeopathy was safe and not associated with any of the side-effects which are typical of many conventional drugs^{10-12,14-16,18-19,25-26}. In four trials patients were able to reduce their intake of conventional drugs^{6,9,11,29}, including reduction of prednisone ($p<0.05$)⁶, a drug known to cause a number of unwanted side-effects.

Homeopathy better than placebo

There is always a chance that improvement after any type of treatment may be the result of the so-called placebo effect, which to a large extent is explained as being induced by patients' belief that they will improve. The positive effect of thorough homeopathic consultations, often lasting more than one hour, was indeed confirmed in a recently published trial on homeopathic treatment of patients suffering from rheumatoid arthritis⁷. However, in the case of homeopathic remedies used to treat patients suffering from rheumatic and other musculoskeletal complaints, seven out of ten studies show an effect which is significantly better than placebo (positive n=518 participants^{8,10-11,21-24,27,30}, not positive n=163^{6-7,19}).

In a systematic literature review researchers found significant positive effects of homeopathy compared to placebo even when they only considered studies that were of the highest methodological quality ($p=0.002$)⁵. Other researchers concluded that although there was not sufficient evidence to allow for firm conclusions, results to date favoured homeopathic treatment in osteoarthritis³¹.

Improvements in objective tests

In three trials objective tests were used to determine the efficacy of homeopathic medicines^{8,17,22-23}. Blood tests showed significant reduction of ESR after homeopathic treatment in a blinded trial including 58 patients diagnosed with rheumatoid arthritis ($p < 0.01$)⁸. Blood tests also showed that homeopathic remedies positively influenced antioxidant mechanisms in a trial of 47 patients suffering from long-standing osteoarthritis¹⁷, an effect which is important in treatment of these patients. In a study of patients diagnosed with fibromyalgia, EEG measurement showed significant differences between those who had received homeopathic medicines and those who were given placebo²²⁻²³.

Conclusion: Homeopathy should be considered as a viable therapeutic option for patients suffering from rheumatic and other musculoskeletal complaints. More research should be carried out to further determine the effectiveness of homeopathy for these patients.

For safe and effective homeopathic treatment, patients should make sure that the practitioner they consult is a registered member of an ECCH or ICH Member Association. For information, please refer to www.homeopathy-ecch.eu and outside Europe www.homeopathy-ich.org

References

1. Shapira Y, Agmon-Levin N, Shoenfeld Y. Geoepidemiology of autoimmune rheumatic diseases. *Rheumatology* 2010; 6: 468-476.
2. Branco JC, Bannwarth B, Failde I, Carbonell JA, Blotman F, Spaeth M, Saraiva F, Nacci F, Thomas E, Caubère JP, Le Lay K, Taieb C, Matucci-Cerinic M. Prevalence of fibromyalgia: A survey in five European countries. *Semin Arthritis Rheum* 2010; 39: 448-453.
3. Tobón GJ, Youinou P, Saraux A. The environment, geo-epidemiology, and autoimmune disease: Rheumatoid arthritis. *Journal of Autoimmunity* 2010; 35: 10-14.
4. Visser GJ, Peters L, Rasker JJ. Rheumatologists and their patients who seek alternative care: an agreement to disagree. *Br J Rheumatol* 1992; 31(7): 485-90.
5. Jonas WB, Linde K, Ramirez G. Homeopathy and rheumatic disease. *Rheumatic Disease Clinics of North America* 2000; 26(1): 117-123.
6. Andrade LEC, Ferraz MB, Atra E, Castro A, Silva MSM. A randomized controlled trial to evaluate the effectiveness of homeopathy in rheumatoid arthritis. *Scand J Rheumatol* 1991; 20: 204-208.
7. Brien S, Lachance L, Prescott P, McDermott C, Lewith G. Homeopathy has clinical benefits in rheumatoid arthritis patients that are attributable to the consultation process but not the homeopathic remedy: a randomized controlled clinical trial. *Rheumatology Advance Access* 2010. Doi:10.1093/rheumatology/keq234.
8. Fisher PA, Scott DL. A randomized controlled trial of homeopathy in rheumatoid arthritis. *Rheumatology* 2001; 40: 1052-1055.
9. Freye E, Latasch L. Analgesic therapy of rheumatoid arthritis - Part II: A study of combined allopathic and homeopathic therapy. *Biomed Ther* 2000; 18(2): 193-196.
10. Gibson RG, Gibson SL, MacNeill AD, Watson Buchanan W. Homoeopathic therapy in rheumatoid arthritis. Evaluation by double-blind clinical therapeutic trial. *Br J Clin Pharm* 1980; 9: 453-459.
11. Gibson RG, Gibson SLM, MacNeill AD, Gray GH, Dick WC, Watson Buchanan W. Salicylates and homoeopathy in rheumatoid arthritis: Preliminary observations. *Br J Clin Pharm* 1978; 6: 391-395.
12. Kozlovskaya LV, Mukhin NA, Rameev VV, Sarkisova IA, Epstein OI. Potentiated antibodies to tumor necrosis factor-alpha in the therapy of patients with rheumatoid arthritis. *Bull Exp Biol Med* 2003; (Suppl. 1): 152-154.
13. Noskov SM, Snigireva AV, Dolgova LN, Somova MA, Polyakov DP. The use of homeopathic preparation Vozraston in the therapy of patients with rheumatoid arthritis. *Bull Exp Biol Med* 2003; (Suppl. 1): 94-95.
14. Petrov VI, Babaeva AR, Cherevkova EV, Epstein OI, Sergeeva SA. Efficiency of potentiated antibodies to tumor necrosis factor-alpha (Artrofoon) in the therapy of patients with rheumatoid arthritis. *Bull Exp Biol Med* 2003; 135(Suppl. 1): 155-158.
15. Anderson K. A complex homeopathic preparation for the treatment of osteoarthritis. *Explore* 2006; 2(3): 234.
16. Nahlaer G, Metelmann H, Sperber H. Treating osteoarthritis of the knee with a homeopathic preparation: results of a randomized, controlled, clinical trial in comparison th hyaluronic acid. *Biomed Ther* 1998; 16(2): 186-191.
17. Pinto S, Rao AV, Rao A. Lipid peroxidation, erythrocyte antioxidants and plasma antioxidants in osteoarthritis before and after homeopathic treatment. *Homeopathy* 2008; 97: 185-189.
18. Shealy CN, Thomlinson RP, Cox RH, Borgmeyer RN. Osteoarthritic pain: a comparison of homeopathy and acetaminophen. *American Journal of Pain Management* 1998; 8: 89-91.
19. Shipley M, Berry H, Broster G, Jenkins M, Clover A, Williams I. Controlled trial of homoeopathic treatment of osteoarthritis. *The Lancet* 1983, January 15: 97-98.

20. Van Haselen RA, Fisher PA. A randomized controlled trial comparing topical piroxicam gel with a homeopathic gel in osteoarthritis of the knee. *Rheumatology* 2000; 39: 714-719.
21. Bell IR, Lewis DA, Brooks AJ, Schwartz GE, Lewis SE, Walsh BT, Baldwin CM. Improved clinical status in fibromyalgia patients treated with individualized homeopathic remedies versus placebo. *Rheumatology*, 2004 a. Doi: 10.1093/rheumatology/keh111.
22. Bell IR, Lewis DA, Lewis SE, Schwartz GE, Brooks AJ, Scott A, Baldwin CM. EEG Alpha sensitization in individualized homeopathic treatment of fibromyalgia. *Intern J Neuroscience*, 2004 b, 114, 1195-1220.
23. Bell IR, Lewis DA, Schwartz GE, Lewis SE, Capsi O, Scott A, Brooks AJ, Baldwin CM. Electroencephalographic cordance patterns distinguish exceptional clinical responders with fibromyalgia to individualized homeopathic medicines. *The Journal of Alternative and Complementary Medicine*, 2004 c, 10(2), 285-299.
24. Fisher P, Greenwood A, Huskisson EC et al. Effect of homeopathic treatment on fibrositis (primary fibromyalgia). *British Medical Journal* 1989; 299: 365-366.
25. Relton C, Smith C, Raw J, Walters C, Adebajo AO, Thomas KJ, Young TA. Healthcare provided by a homeopath as an adjunct to usual care for fibromyalgia (FMS): results of a pilot randomised controlled trial. *Homeopathy*, 2009, 98, 77-82.
26. Gottwald R, Weiser M. Treatment of rheumatic diseases with a homeopathic preparation. *Biomed Ther* 2000; 18(2): 211-216.
27. Haila S, Koskinen A, Tenovuo J. Effects of homeopathic treatment on salivary flow rate and subjective symptoms in patients with oral dryness: a randomized trial. *Homeopathy* 2005; 94: 175-181.
28. Martin G. Arthritis and rheumatism. Comment on 12 months' consultations. *Br Hom J* 1982; 71(3): 105-115.
29. Van Wassenhoven M. Retrospective study of rheumatological patients in a private homeopathic medical practice. *Br Hom J* 1996; 85: 198-204.
30. Wiesenauer M, Gaus W. Wirksamkeitsnachweis eines Homöopathikums bei chronischer Polyarthritis. Eine randomisierte Doppelblindstudie bei nieder-gelassenen Ärzten. (A randomized double-blind trial on the efficacy of a homeopathic drug for rheumatoid arthritis.) (German) *Aktuelle Rheumatologie* 1991; 16: 1-9.
31. Long L, Ernst E. Homeopathic remedies for the treatment of osteoarthritis: a systematic review. *Br Hom J* 2001; 90: 37-43.