A Pilot Study of Acupuncture Treatment for the Osteoarthritis of the Knee Joint on the EBM (Evidence Basement Medicine)


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Objectives: To determine whether the pragmatic acupuncture treatment provides more effective pain relief than treatment using the same acupuncture point to the all patients.

Methods: We randomly allocated participants to treatment group 1 and 2. The group 1 is the pragmatic treatment group and the group 2 is using the same acupuncture point to the all patients.

Primary outcomes were measured by the Western Ontario and McMaster Universities Osteoarthritis index(WOMAC) pain and function scores at 4, 8, and 14 weeks. Secondary outcomes were measured by 100mm VAS(Visual Analog Scale), ROM(Range of Motion) using Goniometer, and pain threshold using pressure algometer.

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