

Accepted Manuscript

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PII: S2095-4964(18)30076-1

DOI: <https://doi.org/10.1016/j.joim.2018.06.002>

Reference: JOIM 44

To appear in: *Journal of Integrative Medicine*

Received Date: 5 January 2018

Accepted Date: 20 March 2018

Please cite this article as: J. Xu, F-q. Zhang, J. Pei, J. Ji, Acupuncture for migraine without aura: a systematic review and meta-analysis, *Journal of Integrative Medicine* (2018), doi: <https://doi.org/10.1016/j.joim.2018.06.002>

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Systematic Review**Acupuncture for migraine without aura: a systematic review and meta-analysis****Jia Xu¹, Fu-qing Zhang², Jian Pei³, Jun Ji²**

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ABSTRACT

BACKGROUND: Migraine without aura (MWoA), the most common type of migraine, has greatly impacts on quality of life for migraineurs. Acupuncture is used in the treatment and prevention of migraine for its analgesic effects.

OBJECTIVE: The aim of this systematic review and meta-analysis is to systematically assess the therapeutic and preventive effect of acupuncture treatment and its safety for MWoA.

SEARCH STRATEGY: Nine electronic databases (PubMed, MEDLINE, Cochrane Library, Lilacs, Embase, China National Knowledge Infrastructure (CNKI), Chongqing VIP (CQVIP), Wanfang Data and Chinese Clinical Trial Registry (ChiCTR)) were systematically searched from their beginnings through June 2017 using MeSH terms such as “acupuncture, acupuncture therapy, electro-acupuncture, ear acupuncture, acupuncture points, acupuncture analgesia,” and “migraine disorders, cluster headache.” Manual searching included other conference abstracts and reference lists.

INCLUSION CRITERIA: Randomized controlled trials (RCTs) with a clinical diagnosis of MWoA, which were treated with acupuncture versus oral medication or sham acupuncture treatment.

DATA EXTRACTION AND ANALYSIS: Two evaluators screened and collected literature independently; they extracted information on participants, study design, interventions, follow-up, withdrawal and adverse events and assessed risk of bias and quality of the acupuncture intervention. The primary outcomes were frequency of migraine (FM) and number of migraine days (NM). Secondary outcomes included the visual analogue scale (VAS) score, effective rate (ER) and

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