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## Acupuncture therapy combined with manual therapy for cervicogenic dizziness in traditional Korean medicine: a brief systematic review and meta-analysis

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Cervicogenic dizziness is defined as a non-specific sensation of altered orientation in space and disequilibrium related to either movements or positions of the cervical spine occurring with pain or/and stiffness in the neck. This systematic review aimed at briefly exploring how effective acupuncture therapy combined with manual therapy for cervicogenic dizziness. We searched publications in Medline, EMBASE, Cochrane Library, and China Integrated Knowledge Resources Database through to March 30, 2017. We included randomized controlled trials that compared the effects of acupuncture and manual therapies with any controls for cervical dizziness. Five studies have been included with eligibility criteria. Risk of bias assessments showed mostly “unclear” because the included study reported the results poorly. In subgroup meta-analysis, the effective rate of acupuncture therapy combined with manual therapy for cervicogenic dizziness showed 2.89 of odds ratio, compared with nonspecific medications [95% CI=1, 69-4.97, random effect model], while 4.97 of odds ratio compared with herbal medications [95% CI=2.63-9.38, random effect model]. In conclusion, acupuncture therapy combined with manual therapy could be beneficial for cervicogenic dizziness, compared with medication, however, it is not conclusive because of lack of study qualities. More qualified and well-reported randomized controlled trial should be carried out in the future.

### Biography

Euiju Lee has completed his PhD in College of Korean Medicine, Kyung Hee University in South Korea. He is the Director of Clinical Trial Center in Kyung Hee University Korean Medicine Hospital, a dedicated research organization for complementary and alternative medicine in Korea. He has published more than 10 papers in reputed journals.

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