

عنوان مقاله:

The Role of Acupuncture in Treatment of Cerebral Palsy: A systematic review

محل انتشار:

دومین کنگره بین المللی و دهمین همایش ملی نوروزنتیک ایران (سال: 1396)

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خلاصه مقاله:

Cerebral palsy (CP) has been defined as a disorder affecting body movement, motor skills and postural control. It is caused by damage to the developing fetal or infant brain during pregnancy or at birth. Acupuncture has been used to treat a variety of childhood problems; however, its role in CP remains unclear. The objective of this study was to systematically evaluate the role of acupuncture in treatment of CP. The databases of PubMed, Scopus, Google Scholar, SID and Magiran were searched with keywords of cerebral palsy, spastic palsy, hypotonic palsy, acupuncture, children to identify relevant articles. Included were all Persian and English trials, published between 2000 and December 2017. Ultimately eight trials were included in this study. One study reported more restful sleep, improvement in mood and bowel function. improvement in muscle tone revealed in two studies and also two studies reported improved movement functions. one research showed acupuncture's beneficial effect on reducing spasticity in spastic cerebral palsy and another mention to improvement in the functional skills, self-care and mobility domain. Motor functions improvement described in three studies ($P < 0.05$). One study reported improvement in quality of life and the other showed enhancement in the comprehensive ability of CP children. Acupuncture has beneficial effects on reducing spasticity, improving motor functions, muscle tone and quality of life in CP children. So acupuncture plays an active role in rehabilitative care and provided new ideas for treating the disease by Complementary/alternative therapies.

کلمات کلیدی:

Acupuncture, Cerebral palsy, Spastic palsy, Hypotonic cerebral palsy, Children

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