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### Effects of musical therapy on children with cerebral palsy in occupational therapy

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**Objective:** To study the clinical effect of music therapy in treatment of occupational therapy for children with cerebral palsy.

**Methods:** 30 randomized cases of cerebral palsy children with upper limb movement coordination disorder who come to our outpatient from February 2010 to July 2010, age ranging from 1.5 to 7, 15 males and 15 females, were treated with music therapy with occupational therapy, by way of acupuncture therapy. The clinical effect of patients before process and after music therapy were graded and analyzed.

**Results:** The access of children with hand-eye coordination was  $18.50 \pm 4.70 / 26.20 \pm 5.10$ ,  $P=0.017$ , the therapeutic effect after music therapy was significantly superior to before. Favorable therapeutic effect was obtained in 11 cases (36.7%), good effect in 10 cases (33.3%), and ineffectiveness in 9 cases (30%). On follow up of the cases for 1 to 2 years more, manual function of patients keep progressing and developing.

**Conclusion:** Music therapy in treatment of occupational therapy for cerebral palsy children has a clinical effect on emotion, cognition, communication, fine movement coordination and music development. Besides, it can improve patients' coordination during rehabilitation, and have a good effect on develop their potential and daily life abilities.

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