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### Exploratory development of combined rehabilitation treatment for children with cerebral palsy

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**Objective:** To investigate suitable rehabilitation modality of our country to spread.

**Methods:** We studied the applying of integrated traditional and western medicine-home rehabilitation modality for children with cerebral palsy (tri-combined cerebral palsy rehabilitation modality) from Oct 1999 to Oct 2005. It was the first time that to study the combination of TCM rehabilitation with Western medicine rehabilitation and home rehabilitation modality in international and have an advantage of the technique of same kind.

**Results:** The effective rate of 684 patients (80.4%) was significantly higher than that of Western medicine rehabilitation group (32%). And we took the leader of reporting the recovery rate of cerebral atrophy and dysplasia (31%) of cerebral palsy after treatment, significantly higher than that of treated by rehabilitation training only (2.56%). The study illuminated the dominant position of TCM and western medicine rehabilitation. After the study of molecular biology, etiology, haemodynamics, and microcirculation, brain electrophysiology, imaging, we also proved that the combined rehabilitation modality can promote the function rebuilding of nerve cell. We carried out home rehabilitation for children with cerebral palsy at home, edited and published series teaching material including book and VCD and replenished the vacant of internal. We published 20 paper's articles and one was included by ISTP and 20 times were cited. The opinion of the evaluation committee is that the study achieved the level of domestic leading and international advanced.

**Conclusion:** The rehabilitation modality can effectively degrade mutilation rate of cerebral palsy and relieve mind and economy burden of family and society.

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