

## Acupuncture Results Table

Author, Year, Country, Design, PEDro score, Rating	Sample Size	Intervention	Outcomes and significance: (+) significant (-) not significant
<p>Duncan et al., 2012</p> <p>China, USA</p> <p>RCT</p> <p>6/10</p> <p>High quality</p>	<p>N = 75 children with spastic CP</p> <p><b>Age at enrollment:</b> 12-72 months</p> <p><b>CP diagnosis:</b> 100%</p> <p><b>CP Type:</b> n/a</p> <p><b>GMFCS (Gross Motor Function Classification System) Level:</b>                      Level I: 27/75 (36%)                      Level II: 21/75 (28%)                      Level III: 27/75 (36%)</p>	<p>Acupuncture with conventional therapies (Occupational Therapy, Physiotherapy &amp; Hydrotherapy) (n=46)</p> <p>vs.</p> <p>Conventional Therapies (Occupational Therapy, Physiotherapy &amp; Hydrotherapy) with delayed Acupuncture (n=29)</p> <p><b><u>Intervention details:</u></b></p> <p><i>Acupuncture treatments + Conventional therapy:</i></p> <ul style="list-style-type: none"> <li>• 5x/week for 12 weeks</li> <li>• Children along with a family member resided in the hospital for the duration of the intervention.</li> </ul> <p><i>Conventional therapy + delayed acupuncture:</i></p> <ul style="list-style-type: none"> <li>• Conventional therapy 5x/week for 12 weeks</li> <li>• Children along with a family member resided in the hospital for the duration of the intervention.</li> <li>• Followed by no treatments for 4 weeks (child returned home, weeks 12-16)</li> <li>• At 16 weeks, children and their caregiver returned to hospital and provided with 12 weeks of acupuncture only (weeks 16-28)</li> </ul> <p><i>Conventional Therapies (OT, PT, Hydrotherapy):</i></p> <ul style="list-style-type: none"> <li>• Sessions 30 minutes each</li> <li>• Specific functional goals based on each child's level of</li> </ul>	<p><b>At post-treatment (12 weeks):</b></p> <p><i>Gross motor function:</i></p> <p>(-) Gross Motor Function Measure (GMFM-66)</p> <p><i>Functional skills:</i></p> <p>(-) Pediatric Evaluation of Disability Inventory - Functional Skills (PEDI-FS): Self-care                      (-) PEDI-FS: Mobility                      (-) PEDI-FS: Social</p> <p><b>Comparison 16 weeks post-treatment - 28 weeks post treatment (comparison group completed acupuncture treatments at 28 weeks):</b></p> <p><i>Gross motor function:</i></p> <p>(-) GMFM-66</p> <p><i>Functional skills:</i></p> <p>(-) PEDI-FS: Self-care                      (-) PEDI-FS: Mobility                      (-) PEDI-FS: Social</p>

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		<p>motor development</p> <ul style="list-style-type: none"> <li>- OT: focus on fine motor tasks (hand-eye coordination, activities of daily living)</li> <li>- PT: focus on gross motor tasks (rolling, sitting, transitions, independent sitting, walking and stair climbing)</li> <li>- Hydrotherapy: focus on relaxation in warm water</li> </ul> <p><i>Acupuncture:</i></p> <ul style="list-style-type: none"> <li>• Regimen based on comprehensive acupuncture study manual developed for study</li> <li>• Sessions started with a short massage, followed by a combination of scalp and body acupuncture using manual and electrostimulation</li> </ul>	