

## GAME Program Results Table

Author, Year, Country, Design, PEDro score, Rating	Sample Size	Intervention	Outcomes and significance: (+) significant (-) not significant
<p>Morgan et al., 2016</p> <p>Australia</p> <p>RCT</p> <p>8/10</p> <p>High quality</p>	<p><b>N</b> = 30 infants at high risk of cerebral palsy</p> <p><b>Age at enrollment:</b> 3-6 months</p> <p><b>CP diagnosis:</b> 83% (24/29) were diagnosed by 12 months of age (3 out of the 4 who dropped out received a diagnosis and were included in above number)</p> <p><b>CP Type:</b> Bilateral, Unilateral</p> <p><b>GMFCS (Gross Motor Function Classification System) Level:</b> N/A</p>	<p>GAME (Goals-Activity-Motor Enrichment) program (n=15)</p> <p>vs.</p> <p>Standard care (n=15)</p> <p><b><i>Intervention details:</i></b></p> <p>Home-sessions (duration unspecified), 1x/2 weeks until 12 months of age.</p> <p><i>GAME:</i> is based on the principles of:</p> <ul style="list-style-type: none"> <li>• Active motor learning</li> <li>• Family centered care</li> <li>• Parent coaching</li> <li>• Environmental enrichment</li> <li>• Interventions were customised based on parents goals &amp; enrichment style, and child's motor ability,</li> <li>• Families were provided with a home program containing suggested activities based on goals</li> </ul> <p><i>Standard care:</i></p> <ul style="list-style-type: none"> <li>• Frequency, intensity and type of intervention not standardised</li> <li>• Therapeutic approaches varied</li> </ul>	<p><b>During treatment (16 weeks after therapy commenced):</b></p> <p><i>Infant motor development:</i></p> <p>(+) Peabody Developmental Motor Scales – second edition (PDMS-2): raw scores (-) PDMS-2: Total motor quotient (TMQ)</p> <p><i>Parent perception of infant motor performance:</i></p> <p>(+) Canadian Occupational Performance Measure (COPM) – Performance (same goals as baseline)</p> <p><i>Parent satisfaction with infant motor performance:</i></p> <p>(-) COPM – Satisfaction (same goals as baseline)</p> <p><i>Mood and affect:</i></p> <p>(-) Depression Anxiety and Stress Scale short form (DASS-21): Total score (-) DASS-21: Depression sub-scale (-) DASS-21: Stress sub scale (-) DASS-21: Anxiety Sub-scale</p> <p><b>At post-treatment (at end of intervention when children were 12 months corrected age):</b></p> <p><i>Infant motor development:</i></p> <p>(+) PDMS-2: raw scores (+) PDMS-2: TMQ</p>

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		<ul style="list-style-type: none"> <li>• Combination of center-based visits and home programs</li> <li>• Some infants received home visits</li> </ul>	<p><i>Parent perception of infant motor performance:</i></p> <p>(-) COPM - Performance (related to new goals determined at 16 weeks)</p> <p><i>Parent satisfaction with infant motor performance:</i></p> <p>(+) COPM - Satisfaction (related to new goals determined at 16 weeks)</p> <p><i>Infant motor function:</i></p> <p>(+) Gross Motor Function Measure-66</p> <p><i>Infant cognitive function:</i></p> <p>(+) Bayley Scales of Infant and Toddler development – third edition: Cognition</p> <p><i>Home enrichment:</i></p> <p>(-) Affordance in the Home Environment for Motor Development – Infant Scale</p> <p><i>Mood and affect:</i></p> <p>(-) DASS-21: Total score            (-) DASS-21: Depression sub-scale            (-) DASS-21: Stress sub-scale            (-) DASS-21: Anxiety sub-scale</p>