

Neurofacilitation of Developmental Reaction (NFDR) Results Table

Author, Year, Country, Design, PEDro score, Rating	Sample Size	Intervention	Outcomes and significance: (+) significant (-) not significant
<p>Batra et al., 2012</p> <p>India</p> <p>RCT</p> <p>4/10</p> <p>Fair quality</p>	<p>N = 30 children with CP (mild to moderate spasticity) and IQ of 50 and above</p> <p>Age at enrolment: 6 months to 2 years</p> <p>CP diagnosis: 100%</p> <p>CP Type: N/A</p> <p>GMFCS (Gross Motor Function Classification System) Level: N/A</p>	<p>Neurofacilitation of Developmental Reaction (NFDR) (n=N/A)</p> <p>vs.</p> <p>Neurodevelopmental Therapy (NDT) (n=N/A)</p> <p><u>Intervention details:</u></p> <p>40 min/session, 3 sessions/week for 3 months</p> <p>NFDR: approach used two phases:</p> <ul style="list-style-type: none"> • Phase 1: Preparatory and Variability Phase. The Preparatory phase uses techniques to normalize tonal characteristics, while the Variability phase promotes dynamic postural responses, encouraging postural stability and normal motor behaviour • Phase 2: Modulation Phase aimed at modulation of postural behaviours by altering dynamics and perturbation characteristics. <p>NDT: incorporates positioning, handling at therapeutic key points, inhibitory and facilitating techniques such as: stretching exercises and weight shifting/bearing in developmental position.</p>	<p>At post-treatment (3 months):</p> <p><i>Gross motor function:</i></p> <p>(+) Gross Motor Function Measure (GMFM) (+) GMFM Component I (+) GMFM Component II (+) GMFM Component III (+) GMFM Component IV (+) GMFM Component V (+) Total Dimension Score</p> <p><i>Primitive reflex:</i></p> <p>(-) Primitive Reflex Status (-) Primitive Reflex Intensity Grading Score</p> <p><i>Spasticity:</i></p> <p>Modified Ashworth Scale (+) Shoulder (Left) (+) Shoulder (right) (-) Elbow (Left) (+) Elbow (Right) (-) Forearm (Left) (+) Forearm (Right) (+) Wrist (Left) (+) Wrist (Right) (-) Hip (Left) (+) Hip (Right) (-) Knee (Left) (+) Knee (Right) (-) Ankle (Left) (+) Ankle (Right)</p>