

## Oral Sensorimotor Stimulation Results Table

Author, Year, Country, Design, PEDro score, Rating	Sample Size	Intervention	Outcomes and significance: (+) significant (-) not significant
<p>Abd-elmonem et al., 2021</p> <p>Egypt</p> <p>RCT</p> <p>5/10</p> <p>Fair quality</p>	<p>N = 70</p> <p><b>Age at enrollment:</b> 12- 48 months</p> <p><b>CP diagnosis:</b> 100%</p> <p><b>CP Type:</b> Spastic quadriplegic, <math>\leq 10</math> on the initial evaluation of Oral Motor Assessment Scale</p> <p><b>GMFCS (Gross Motor Function Classification System) Level:</b> Level IV: n=44 (63%) Level V: n=26 (37%)</p>	<p>Oral sensorimotor simulation &amp; Neurodevelopmental training (NDT)-based sequenced trunk co-activation exercises (n=32)</p> <p>vs.</p> <p>Neurodevelopmental training (NDT)-based sequenced trunk co-activation exercises (n=32)</p> <p><b><u>Intervention details:</u></b></p> <p><i>Oral sensorimotor stimulation:</i></p> <ul style="list-style-type: none"> <li>20 minutes of oral sensorimotor stimulation followed by 10 minutes rest before the same program as in control group.</li> <li>Goal to decrease hypersensitivity of oral structures, increase jaws movement, and reinforce muscle strength, improve tongue movement, and enhance oral motor organization.</li> <li>Applied via certified physical therapists 5 days/week for 4 successive months.</li> </ul> <p><i>Neurodevelopmental training (NDT):</i></p> <ul style="list-style-type: none"> <li>NDT-based training administered by physical therapist 5 -90-minute sessions/week for 4 months.</li> </ul>	<p><b>At post-treatment (4 months):</b></p> <p><i>Oral motor skills</i> (+) Oral Motor Assessment Scale</p> <p><i>Trunk control</i> (-) Segmental Assessment of Trunk Control</p> <p><i>Physical growth</i> (+) Weight scale</p> <p><i>Gross motor function</i> (-) Gross motor function measure-88 (GMFM-88).</p>