

Target Area: Communication, Language, Speech Disorders

<p>Rose, Douglas &amp; Matyas (2002). <i>The Comparative Effectiveness of Gesture and Verbal Treatments for a Specific Phonologic Naming Impairment</i>. <i>Aphasiology</i>. 16(10-11): 1001-1030</p>	<p>RoBiNT score - <i>to be confirmed</i></p>
<p><b>Method/Results</b></p> <p><b>Design:</b></p> <p>Y Study type: SSD. Multiple baseline across conditions.</p> <p>Y Participant: Participant 1: female, aged 68 years, with left frontoparietal subarachnoid haemorrhage and mild conduction type aphasia.</p> <p>Y Setting: Not stated.</p> <p><b>Target behaviour measure/s:</b></p> <p>Y Number of items correctly named.</p> <p><b>Primary outcome measure/s:</b></p> <p>Y No additional.</p> <p><b>Result:</b> The use of iconic gesture significantly facilitated picture naming. Pointing, visualization and cued articulation produced negligible change from baseline rates. Clinically and statistically significant treatment rates were found for all 3 treatment conditions, with only marginal differences between conditions.</p>	<p><b>Rehabilitation Program</b></p> <p><b>Aim:</b> To examine the comparative facilitation effects of gesture production and visualization processes on object naming skills, and to compare the effectiveness of three types of treatment, gesture, verbal and combined verbal plus gesture, for word production deficits arising from impairment at the level of phonological access and encoding.</p> <p><b>Materials:</b> 80 black and white drawn objects.</p> <p><b>Treatment plan/procedure</b></p> <p>Y Duration: 3 months in duration.</p> <p>Y Procedure: Unclear.</p> <p>Y Content:</p> <ul style="list-style-type: none"> <li>• <i>Verbal treatment</i> involved the participant identifying the number of syllables in the target, the first phonemes of syllables in error, rearranging written syllable anagrams of the target, identifying which syllables contained the primary stress and finally copying a verbal model if required.</li> <li>• <i>Gesture training</i> involved iconic gesture and cued articulation</li> <li>• <i>Combined treatment</i> involved a combination of both modalities.</li> </ul>