

Target Area: Memory Impairments

<p>Gianutsos & Gianutsos (1979). <i>Rehabilitating the Verbal Recall of Brain-Injured Patients by Mnemonic Training: An Experimental Demonstration Using Single-Case Methodology</i>. <i>Journal of Clinical Neuropsychology</i> 1(2): 117-135</p>	<p>RoBiNT score – <i>to be confirmed</i></p>
<p>Method/Results</p> <p>Design:</p> <p>Y Study type: SSD. Multiple baseline across participants</p> <p>Y Participants: 4 patients of mixed aetiology, referred for memory training:</p> <ol style="list-style-type: none"> 1. Participant 1: Female, age 16 years, right CVA, 7 weeks post onset. 2. Participant 2: Male, age 62 years, right CVA, moderate aphasia, 3 months post onset. 3. Participant 3: Male, age 20 years, congenital brain damage, seizure disorder and dyslexia. 4. Participant 4: Female, age 42 years, right CVA and surgery for aneurysm, seizure disorder and left neglect, 1.9 years post onset. <p>Y Setting: Brain injured patients undergoing treatment.</p> <p>Target behaviour measure/s:</p> <p>Y Percent of words correctly recalled in each session.</p> <p>Primary outcome measure/s:</p> <p>Y None.</p> <p>Result: Intervention improved recall of words in all participants.</p>	<p>Rehabilitation Program</p> <p>Aim: Examine efficacy of mnemonic training in improving verbal recall.</p> <p>Materials: Memory drum (with current technology, stimuli would be presented on computer screen).</p> <p>Treatment plan/procedure</p> <p>Y Duration: 18 sessions, with up to 45 trials (ie, presentations of 3 words-to-be-remembered). Maximum session duration was 1 hour.</p> <p>Y Procedure: A (baseline) – B (treatment)</p> <ol style="list-style-type: none"> 1. For Participants 1 and 2: baseline= 6 sessions; treatment=12 sessions. 2. For Participants 3 and 4: baseline= 12 sessions; treatment=6 sessions 3. Baseline sessions: In each session, the three words-to-be-remembered had to be recalled after a delay during which either 0, 3 or 9 additional words were read (15 trials in each condition). Recall delay the same on all conditions. <p>Y Content: Treatment sessions consisted of two phases:</p> <ol style="list-style-type: none"> 1. <i>Practice phase:</i> trainer read 3 words and <i>assisted</i> participant to produce a 'mnemonic story' about each word. 2. <i>Test phase:</i> words-to-be-remembered presented using same protocol as in baseline sessions. Participant is asked to produce a 'mnemonic story' to facilitate recall of words.