

Target Area: Communication, Language, Speech Disorders

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| <p>Beeson & Egnor (2006). <i>Combining Treatment for Written and Spoken Naming</i>. Journal of the International Neuropsychological Society 12:816-827</p> | <p>RoBiNT score - <i>to be confirmed</i></p> |
| <p>Method/Results</p> | <p>Rehabilitation Program</p> |
| <p>Design:</p> <p>Y Study type: SSD. Multiple baseline across behaviours, replicated across participants</p> <p>Y Participant:</p> <ol style="list-style-type: none"> 1. Participant 1: 60 year old male, 67 months post stroke, WAB quotient = 62.9 2. Participant 2: 72 year old female, 61 months post stroke, WAB quotient = 64.2 <p>Y Setting: Either in participant's home or at university clinic</p> <p>Target behaviour measure/s:</p> <p>Y Number of words correctly named</p> <p>Y Number of words correctly written</p> <p>Primary outcome measure/s: Additional measures from the PALPA:</p> <p>Y Writing to dictation</p> <p>Y Written naming</p> <p>Y Repetition</p> <p>Y Oral naming</p> <p>Results: Participant 1 demonstrated improvement for the 3 sets of treated words and maintained improvement throughout the treatment phase. In response to CART + Repetition, his performance yield very large effect sizes in written and spoken naming. Effect size for Repetition only was large for spoken naming. Participant 2 demonstrated improvement for written naming for the 3 treated word sets, but did not reach criterion for spoken naming. Very large effect sizes occurred for written naming in response to CART + Repetition. Only small effect sizes were found for spoken naming (for either CART + Repetition or Repetition only). For both participants, little change was seen on untrained targets.</p> | <p>Aim: To improve spelling in combination with spoken naming in patients with acquired aphasia</p> <p>Materials: 40 common and proper nouns (including names of family members, friends, street names, common objects etc); augmentative/alternative communication (AAC) device including an array of 4.4 cm buttons with audio-recording.</p> <p>Treatment Plan:</p> <p>Y Duration: approx 20 hours</p> <p>Y Procedure: 2 sessions/week for 10 weeks. Session length not stated (although homework sessions of similar procedure were said to take 30-60 minutes)</p> <p>Y Content: In each session 40 words were probed at the beginning of the session, homework was reviewed, and 10 words were targeted for treatment (5 for CART + Repetition; 5 for Repetition Only treatment). 3 sets of words were treated in succession.</p> <ul style="list-style-type: none"> - <i>CART + Repetition</i>: 20 targets presented for participant to orally name and then write the name. Participant was then cued to press button on the AAC device, repeat the spoken model, and attempt to write the target again. For target items being treated, corrective feedback was provided, with further opportunities to achieve correct spoken production, or write the stimulus correctly. Naming and writing tasks were completed 3 times for each target, followed by 3 recall trials. Homework involved a similar format. - <i>Repetition only</i>: as above but without the written production of the target items. After spoken repetition, the clinician engaged the participant in conversation for 30 seconds, and then recall was prompted. This sequence was completed 6 times for each item. Homework consisted of attempting to orally name targets, listening to the AAC recording and repeating the word. - Daily homework was given |



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