

Target Area: Communication, Language, Speech Disorders

<p>Thompson, Shapiro, Ballard, Jacobs, Schneider &amp; Tait (1997). <i>Training and Generalized Production of wh- and NP-Movement Structures in Agrammatic Aphasia</i>. Journal of Speech, Language and Hearing Research 40(2): 228-244</p>	<p>SCED 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 Participants: n=2 agrammatic aphasic male participants (ages not given).</p> <p>Y Setting: Not stated.</p> <p>Target behaviour measure/s:</p> <p>Y Percent correct noun phrase movement structures during sentence production</p> <p>Y Percent correct wh-movement structures during sentence production.</p> <p>Primary outcome measure/s: No additional</p> <p>Result: Generalisation patterns were constrained to the type of movement: training of wh-movement structures resulted in generalized production of untrained wh- movement structures without influencing production of noun phrase movement structures. Aspects of sentence production in narrative contexts were also improved in treatment.</p>	<p>Aim: To establish the efficacy of sentence production training for agrammatic aphasic individuals</p> <p>Materials: Using 15 sets of transitive verbs, 15 active sentences of the form noun phrase-verb-noun phrase were developed; All sentences were semantically reversible and used animate nouns. Nouns and verbs were no more than 2 syllables in length. Picture stimuli using black and white line drawings were used. An additional set of stimuli were developed to present the constituent grammatical elements in written form (font =18).</p> <p>Treatment plan/procedure</p> <p>Y Duration: S1 received a total of 42 treatment sessions (21 weeks) and S2 received 36 sessions (18 weeks)</p> <p>Y Procedure: There were 2 sessions weekly.</p> <p>Y Content: Four sentence types were treated in this study; Wh-questions, Object-cleft sentences, passive sentences and participant raising sentences. Following baseline of all sentence types, one sentence type, relying on either noun phrase or wh-movement was trained. The generalized production of wh-questions was trained, followed by participant raising structures and passive sentences. The order of the training was counterbalanced for S2. Participants were taken through the steps that emphasized the lexical and syntactical properties of the active declarative form of target sentences. Participants were taught to:</p> <ol style="list-style-type: none"> <li>1. Point to the verb in each sentence and to the noun phrases representing the thematic roles of the verb.</li> <li>2. Move the proper sentence constituents to form the target sentence structure.</li> <li>3. Produce the surface form of the targeted sentence type.</li> </ol>