

Supplemental Material S1. Treatment steps and clinician’s feedback for noun and verb treatment.

	Noun treatment	Verb treatment
Step 1. Spontaneous Naming	Name the picture followed by clinician’s feedback.	Name the picture followed by clinician’s feedback.
Step 2. Feature Selection and Assignment	a) Select non-applied features b) Sort applied features into categories: (1) function, (2) characteristics, (3) physical attributes, (4) category, and (5) location, followed by clinician’s feedback.	a) Select non-applied features b) Sort applied features into categories: (1) subject, (2) purpose/object, (3) physical attributes, (4) how, and (5) location, followed by clinician’s feedback.
Step 3. Word Association	Produce features or items associated with the target word. If no response: “think of a personal object, a person, an experience that has something in common with this word.”	Produce features or items associated with the target word. If no response: “think of a personal object, a person, an experience that has something in common with this word.”
Step 4. Feature Verification	Verify whether given features apply to the target with Yes or No.	Verify whether given features apply to the target with Yes or No.
Step 5. Follow-up Spontaneous Naming	Repeat Step 1.	Repeat Step 1.
Step 6. Sentence Production	Create a sentence with the target word. Feedback focuses on grammaticality and semantics.	Create a sentence with the target word. Feedback focuses on grammaticality and semantics.

Note. Reprinted from Li & Kiran (2023).