

Pragmatic intervention in children and adolescents with Down

syndrome: the role of support in script construction

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BACKGROUND

Principado de Asturias

PREZI PRESENTATION

EASY SCRIPT = 10 EVENTS

"A haircut at the hairdresser's"

CORTAR EL PELO EN LA PELUQUERÍA

People with Down syndrome (DS) show a relative strength in non-verbal cognition, social skills and language comprehension, which allows them to perform well in narrative tasks, one of which is scripts. The pragmatic intervention based on structured storytelling allows the subject to communicate their experiences in a coherent way and is highly effective when the interlocutor uses conversational strategies in the development of narrative tasks (Ninio & Snow, 1996). In addition, in pragmatic intervention, the use of visual material may favour the recall of the content of narration in subjects with DS.

The aim is double: to determine whether DS subjects narrate stories coherently and use pragmatic markers suitable for discourse and communicative context; and to improve narrative skills when intervention is supported by a Prezi presentation with pictograms and verbal support.

METHOD

Subjects: The sample is 10 Spanish-speaking subjects with DS ranging in age from 9 to 17, belonging to the Down Syndrome Association in northern Spain.

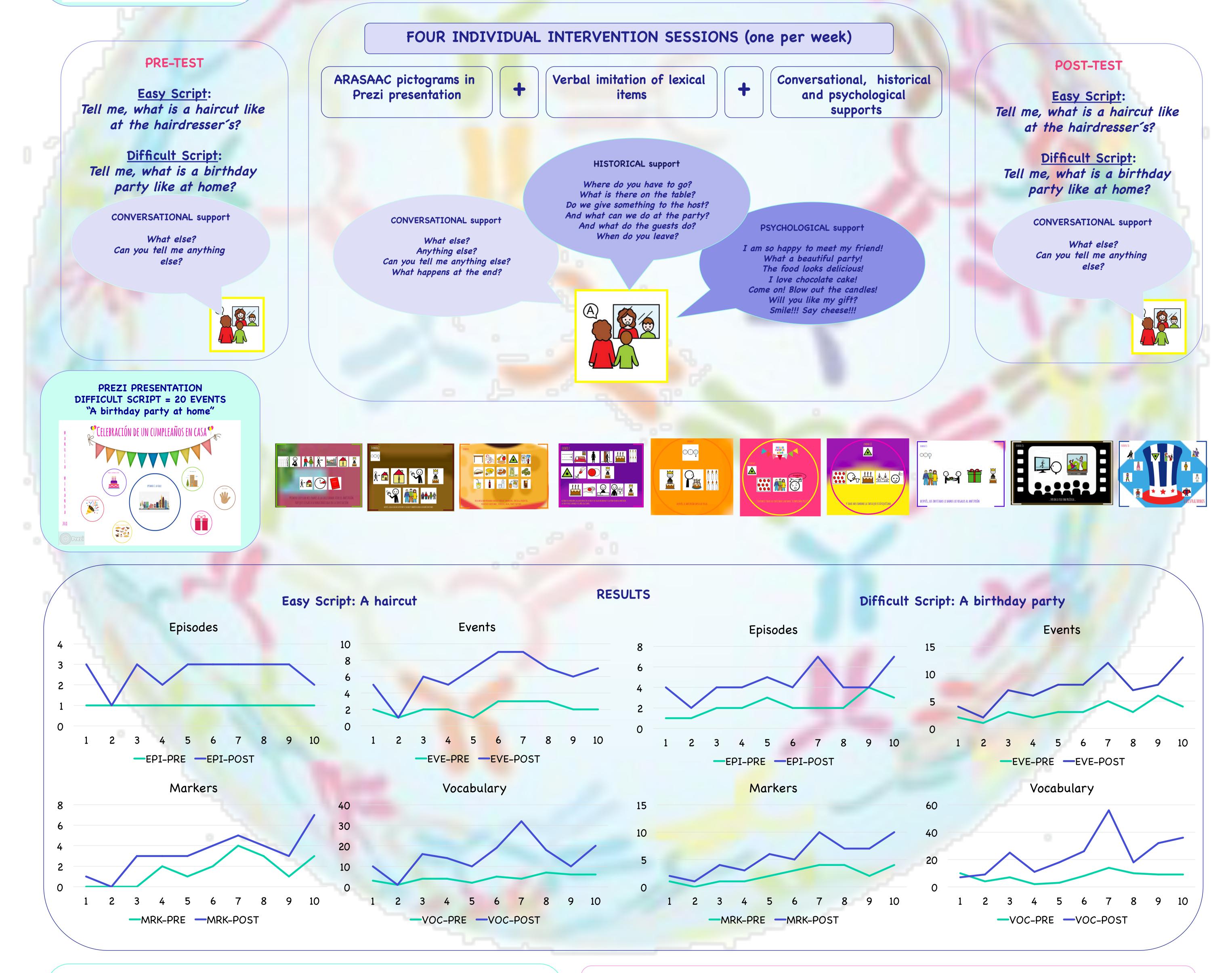
Materials: 2 Prezi presentations:

- 44 ARASAAC pictograms telling a script: "A haircut at the hairdresser's", formed by 3 episodes and 10 events.
- 102 ARASAAC pictograms telling a script: "A birthday party at home", formed by 7 episodes and 20 events.

The design is a pre-test post-test cuasi-experimental design.

Procedure: In pre-test and post-test, each subject narrated two scripts, an easy script "A haircut at the hairdresser's", and a difficult script "A birthday party at home", only with conversational support. For the intervention, a weekly session took place for four weeks, where the subjects were trained through verbal imitation to use basic lexicon and discursive markers to tell the story, employing ARASAAC pictograms in Prezi presentation and with conversational, historical and psychological support by the researcher. Pre-test and post-test narrations were recorded and transcribed using the CHILDES Project (MacWhinney, 2000). The narrative structure was coded and analyzed in terms of episodes and events. The frequency of discourse markers and the vocabulary was also coded and analyzed.





IMPLICATIONS

Participants increased the number of episodes, events, markers and vocabulary after the intervention.

The narration of a script improves when the intervention is supported by pictograms, in verbal imitation and in conversational, historical and psychological support provided by the interlocutor. The use of visual support and conversational strategies by the interlocutor are key elements for the progress of the narration of a script.

References

ARASAAC. Autor pictogramas: Sergio Palao. Propiedad: Gobierno de Aragón. Procedencia: ARASAAC <u>http://arasaac.org</u>. Licencia: CC (BY-NC-SA). MacWhinney, B. (2000). The CHILDES Project: Tools for Analyzing Talk. 3rd Edition. Mahwah, NJ: Lawrence Erlbaum Associates. Ninio, A., & Snow, C. E. (1996). Pragmatic development. Boulder, CO: Westview Press.

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