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Effectiveness of Dialogic Book Reading Intervention on Lexical Development In the Lebanese Multilingual Context

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Introduction

Dialogic Book Reading (DBR) is a shared reading technique shown to We enhance lexical and narrative skills in children. Through this technique, adults facilitate children's understanding and vocabulary use by engaging them in a variety of question-answers prompts and by making connections between book event and children's own lives (Lonigan & Whitehurst, ¹⁹⁹⁸⁾. This practice is also used by speech and language therapists (SLT) in order improve children's language learning. However, little is known about the use and the feasibility of such techniques in Lebanese BAY children with Developmental Language Disorders (DLD). This study follows two pilot studies conducted in two different countries: Lebanon (Hankash, Kouba El Hreich, Abou Melhem, 2018) and Austria (Dornstauder, 2018), as part of Cost Action Procedure IS01406. It aims at exploring the feasibility of this technique in the **1- Formal language assessment** _ebanese multicultural context Done by a blind tester using standardized tests and to examine its efficiency on of several aspects of language expressive vocabulary skills.

Participants

bilingual recruited 2 Lebanese children with Developmental Language Disorder :

Age: 5 ; 0

L1 Lebanese Arabic

• Age: 4;0 L1 Lebanese Arabic

Assessment material

PABIQ (Tuller, 2015) ELO-L (Zebib & al., 2017)

CLT (Haman & al., 2015)

MAIN (Gargarina & al., 2012) RAN (EDA, Billard & Touzin, 2012)

2-Baseline : Probes

Administered 3 times before treatment starts

3- Treatment sessions using the DBR technique

• A total of 12 sessions: 1 session per week Books used in a specific randomized order: 1 book per session • Conducted by an SLP and a qualified SLP student trained in the method • Parents do not participate directly in the treatment

• Duration: 30 to 45 minutes per session

4- Continuous lexical evaluation : probes

- English speaking preschool
- English speaking preschool



No language treatment received before the study

 \checkmark No concerns about nonverbal cognition

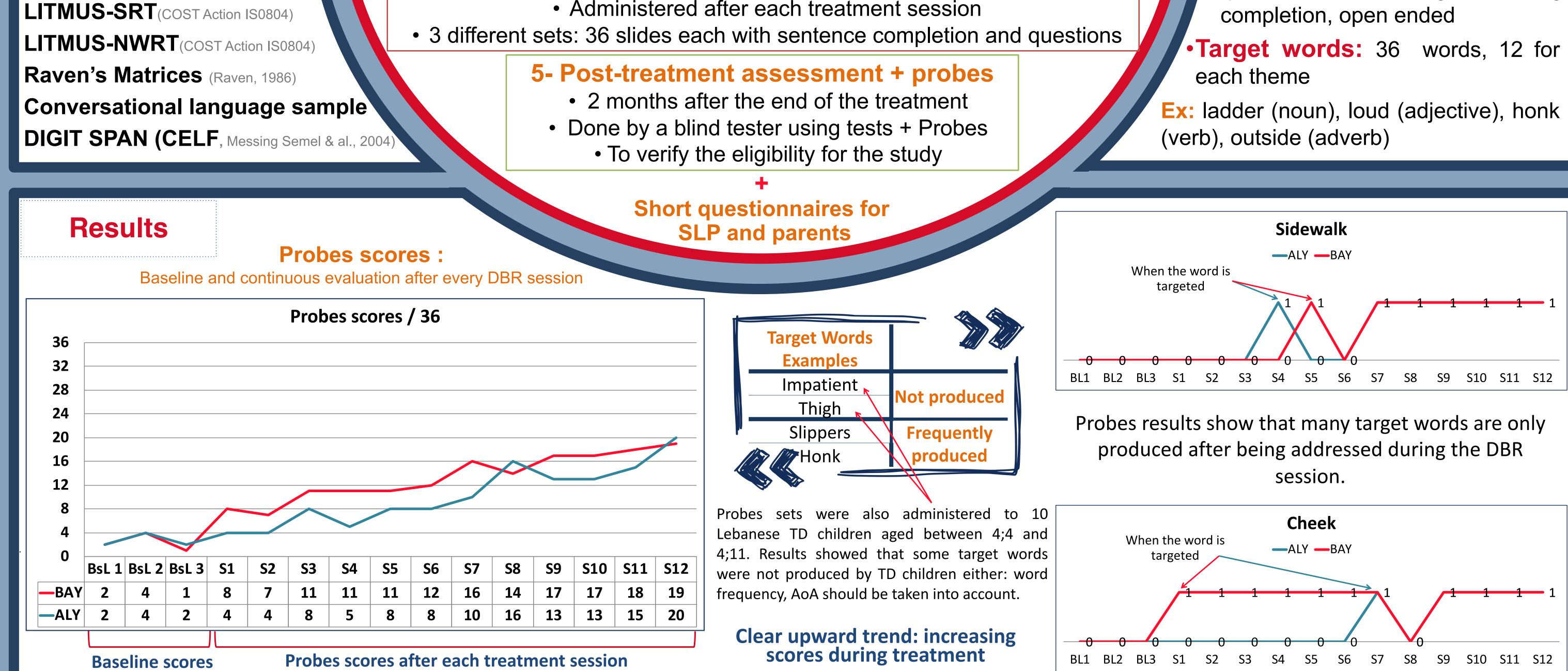
- Socio-economic level documented
- ✓ No major issues in articulation
 - No hearing loss

Treatment material

•9 **books:** scripts adapted and translated into Lebanese Arabic

•3 sets of themes: 3 books each

Wh-5 prompting types: distancing, questions, recalling,



Conclusion

DBR is a very promising technique in language intervention for DLD children. This technique exhibited a positive impact on their expressive language skills. It is considered as an easy and ecological method of treatment that can also be used in schools and home settings. Nevertheless, caution should be considered regarding socio-economic and cultural factors that may influence such interventions.

Perspectives

Further investigations are needed in order to confirm the effectiveness of this technique:

- Scores maintenance two month after the end of the treatment
- **Overall language scores evolution**
- Positive parents and SLP views regarding this technique

References

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