

COMPLEX SYNTAX INTERVENTION FOR CHILDREN WITH DEVELOPMENTAL LANGUAGE DELAY (DLD)

BY DANYANG WANG, DEANNE PIEKARSA, & DARIAN BEAHAN
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WHAT IS DLD?



DLD is a common developmental disorder for children comprised of difficulties with understanding or using spoken language.

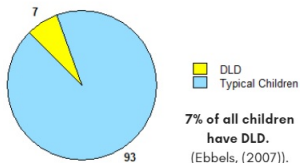


DLD could restrict the child's social, academic, and occupational activities into adulthood.



Syntax is one of the hallmarks of difficulty for children with DLD. It is treated via speech therapy.

DLD population

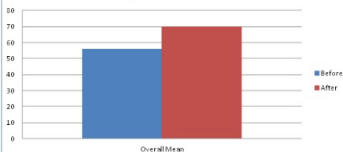


The speech therapy intervention to improve school-aged children's performance which target grammatical structures is called Structured Play Modeling Intervention.

♥ Structured Play Modeling Intervention

- The child learns through repetition of the sentence structure & active engagement during the session.
- Manipulation of toys during play sessions, frequently having a toy "ask" the child a question and vice versa.
- Effective for a variety of disorders, such as ASD, Down's Syndrome, & DLD.

Inversion before and after intervention in percent



Auxiliary use before and after structured play intervention in percent gathered from 29 children with DLD. Valian, V., and Casey, L, (2005).

REFERENCES

- EBBELS, S.H. (2007). TEACHING GRAMMAR TO SCHOOL-AGED CHILDREN WITH SPECIFIC LANGUAGE IMPAIRMENT USING SHAPE CODING. *CHILD LANGUAGE TEACHING AND THERAPY*, 25, 47-95.
- KENT-WALSH, J., BINDER, C., & BUCHANAN, C. (2015). TEACHING CHILDREN WHO USE AUGMENTATIVE AND ALTERNATIVE COMMUNICATION TO ASK INVERTED YES/NO QUESTIONS USING AIDED MODELING. *AMERICAN JOURNAL OF SPEECH-LANGUAGE PATHOLOGY*, 24(2), 227-236. DOI: 10.1044/2015_AJSLP-14-0066
- LAASONEN, M., SMOLANDER, S., IARTI-NIITTILA, P., IEMINEN, M., LAJUNEN, H.-R., HEINONEN, K., ... AREKILA, E. (2018). UNDERSTANDING DEVELOPMENTAL LANGUAGE DISORDER - THE HELSINKI LONGITUDINAL S11 STUDY (HELIS1): A STUDY PROTOCOL. *BMC PSYCHOLOGY*, 4(1). DOI: 10.1186/s40559-018-0222-7.
- OILLIAM, S. L., OILLIAM, B. B., & REECE, E. (2012). LANGUAGE OUTCOMES OF CONTEXTUALIZED AND DECONTEXTUALIZED LANGUAGE INTERVENTION: RESULTS OF AN EARLY EFFICACY STUDY. *LANGUAGE, SPEECH, AND HEARING SERVICES IN SCHOOLS*.
- TO, C. E. S., LUI, H. M., LI, X. X., & LAM, C. Y. H. (2015). A RANDOMIZED CONTROLLED TRIAL OF TWO SYNTACTIC TREATMENT PROCEDURES WITH CANTONESE-SPEAKING, SCHOOL-AGE CHILDREN WITH LANGUAGE DISORDERS. *JOURNAL OF SPEECH, LANGUAGE, AND HEARING RESEARCH*, 35(4), 1258-1272.
- VALIAN, V., & CASEY, L. (2005). YOUNG CHILDREN'S ACQUISITION OF WH-QUESTIONS: THE ROLE OF STRUCTURED INPUT. *JOURNAL OF CHILD LANGUAGE*, 30(1), 117-145.
- WILCOX, M., & LEONARD, L. (1978). EXPERIMENTAL ACQUISITION OF WH-QUESTIONS IN LANGUAGE-DISORDERED CHILDREN. *JOURNAL OF SPEECH AND HEARING RESEARCH*, 21(2), 258-259.