

# **USING LENA™ WITH A CHILD WITH COCHLEAR IMPLANTS: A CASE STUDY**

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Language sampling, a practice in which a child's language is recorded, transcribed, and analyzed, is integral to the communication assessment process. The purpose of this poster is to discuss the contributions and limitations of computer generated language sample data as compared to the traditional methods of transcription and analysis. Researchers utilized innovative recording technology known as LENA™ to collect and analyze samples of young children and their mothers. Such research resulted in interesting findings for a child with cochlear implants. The participants in this case study include a 3 year-old male who was born deaf and his mother. This child and parent were identified because results generated by traditional language sample analysis methods varied from computer generated results. This case adds to the understanding of how LENA™ analyzes communication development and points to the fact that more research is needed on language sample analysis for children with hearing loss.