

Multimodal Communication in the Presence of Sensory and Communication Asymmetries



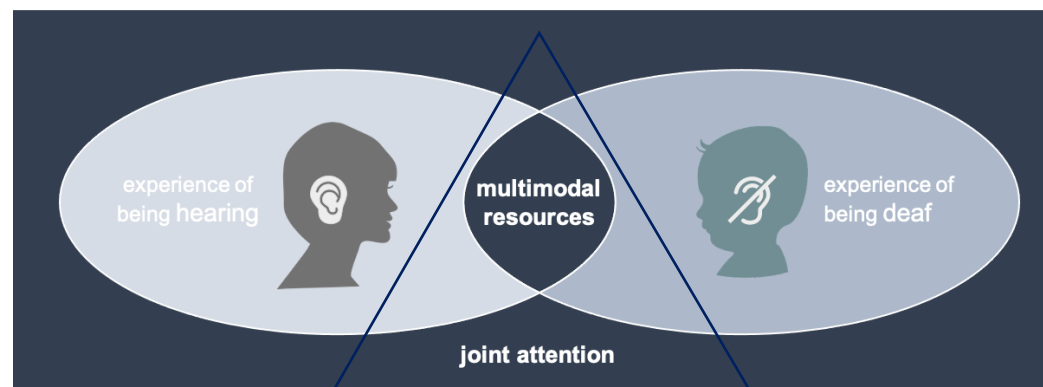
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questions

- How are multimodal resources (naturally) used in early interactions in order to establish moments of joint attention in the presence of sensory and communication asymmetries?
- What can we learn from a multimodal analytical approach to communication and what are the implications for supporting early parent-child interactions?



previous research [1]
either **quantitative** perspective:
frequency and duration
or **qualitative** perspective:
identification of multimodal
communicative resources

objectives

- Improve parents' awareness and encourage the use of available multimodal resources in order to support interactions and provide access to and opportunities for early communication
- Systematic approach to multimodal analysis of early parent-child interactions and communicative resources as they occur, combine and contribute to moments of joint attention

methodology

participants:

- hearing parent/caretaker and their 9-18-month-old infants with severe to profound hearing loss prior to cochlear implantation

data collection:

- video-recorded open play sessions at YAIS

data analysis:

- systematic multimodal analysis in **ELAN [2]**

