STUDY 2 ENGAGE: CO-DESIGNING A TOOL TO FACILITATE SHARED GOAL SETTING WITH PARENTS

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Background
- Patient involvement is a key component of high quality healthcare¹.
- Speech and Language Therapists (SLTs) want to be better equipped in discussing priorities and concerns with parents of a child with Language Disorder (LD).
- Shared goal-setting leads to specific, functional goals and relevant outcomes for the child.

Aim
To develop a user-friendly tool for SLTs to facilitate the dialogue between SLT and parents on the needs of a child with language disorder.

Stage 1: empathise and define
Two co-design workshops with SLTs (n=8), resulting in:
- insight in target group (parents of children with LD)
- design guidelines for development tool
- usability and product requirements for tool

Stage 2: ideate and prototype
- Researchers changed roles from facilitators to designers.
- Prototyping with items on communicative participation from Delphi study.
- Evaluation prototypes with design guidelines, usability and product requirements, resulting in one prototype to elaborate on.
- The prototype from stage 2 was rated by SLTs (n=22) on functionality, user friendliness, attractiveness and safety.

Stage 3: usability testing
- SLTs (n=4) and parents (n=11) tested the prototype in two iterative rounds and provided feedback that was used to adjust the prototype.
- The prototype from stage 3 was rated by SLTs (n=42) on functionality, user friendliness, attractiveness and safety.

Conclusions
- The parent tool ENGAGE visualises the conversation between parent and SLT on a child’s communicative participation.
- Co-designing a product with end-users can save time and money and leads to better user-acceptance.
- Usability testing further optimises the end-product.

Comparison usability ratings

Conclusions

Reference