THE IMPACT OF SELF EFFICACY, EXPECTATIONS AND IMPORTANCE ON HEARING AID OUTCOMES

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**EXPECTATIONS AND SELF EFFICACY**

- **Outcome Expectations** - A person’s estimate that a given behaviour will lead to certain outcomes.

- **Self Efficacy** - The conviction that one can successfully execute the behaviour required to produce the outcomes.
AIMS

The study aimed to investigate the relationships between -

- self efficacy for hearing aid use and hearing aid outcomes;
- expectations of hearing aids and hearing aid outcomes;
- the importance of improving hearing and hearing aid outcomes
METHODS

- Activity Limitations and Participation Restrictions - Glasgow Hearing Aid Benefit Profile (GHABP) Part One
- Self Efficacy - The Ida Institute Tool ‘The Line’ and Measure of Audiologic Rehabilitation Self Efficacy for Hearing Aids (MARS-HA)
- Expectations - Expected Consequences of Hearing Aid Ownership (ECHO)
- Importance - The Ida Institute Tool ‘The Line’
- Benefit - Glasgow Hearing Aid Benefit Profile (GHABP) Part Two
- Satisfaction - Satisfaction with Amplification in Daily Life (SADL)
- Use - Datalogging
RESULTS

- **Self Efficacy (MARS-HA)**
  - Median: 89.5
  - Interquartile Range: 75.0–95.4

- **Expectations (ECHO)**
  - Mean: 5.0
  - Standard Deviation: 0.8

- **Self Efficacy - The Line**
  - Median: 9.5
  - Interquartile Range: 8.0–10.0

- **Importance - The Line**
  - Median: 9.0
  - Interquartile Range: 6.8–10.0
RESULTS

- Self efficacy was not a useful predictor of hearing aid outcomes.
RESULTS

- Expectations were moderately correlated with hearing aid benefit and satisfaction.
RESULTS

- Importance was strongly correlated with hearing aid benefit and satisfaction.
The Measure of Audiologic Rehabilitation Self Efficacy for Hearing Aids may not be appropriate to measure self efficacy for hearing aids in the early stages of the fitting process.

Importance could be a useful measure in adult hearing screening.
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Any questions?