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Fit it right, hear it right with Check My Fit!

Improper self-insertion of hearing devices can be a problem for hearing aid (HA) users. Without guidance, it can be difficult to verify devices are inserted correctly. Improper insertion can lead to critical problems: reduced insertion gain and an increased chance of feedback, adversely affecting HA performance. Improper insertion can also reduce user's perception of benefit, increase the perception of annoyance, and disrupt the adaptation period.

GN developed a solution called Check My Fit to assist in the correct insertion of HAs. Check My Fit uses machine learning, and a photo is taken when the ear is well-positioned. In addition, the position of the receiver wire is detected and highlighted. A user interface allows for comparison of the current photo against a reference photo taken during the initial HA fitting.

GN conducted a field test where Check My Fit was evaluated. It was found to be easy-to-learn and highly usable. In addition, better insertion quality resulted compared to a control condition. Additional research is underway, preliminary results will be reported.