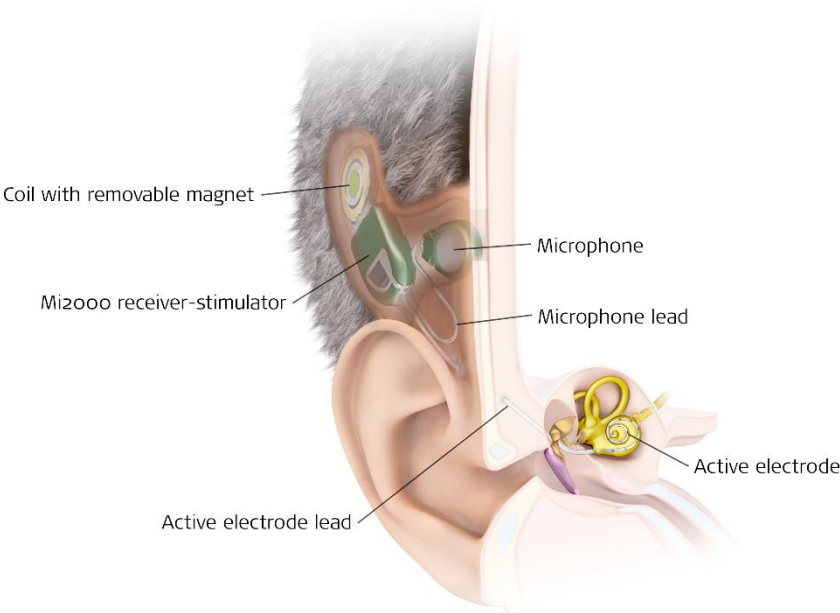
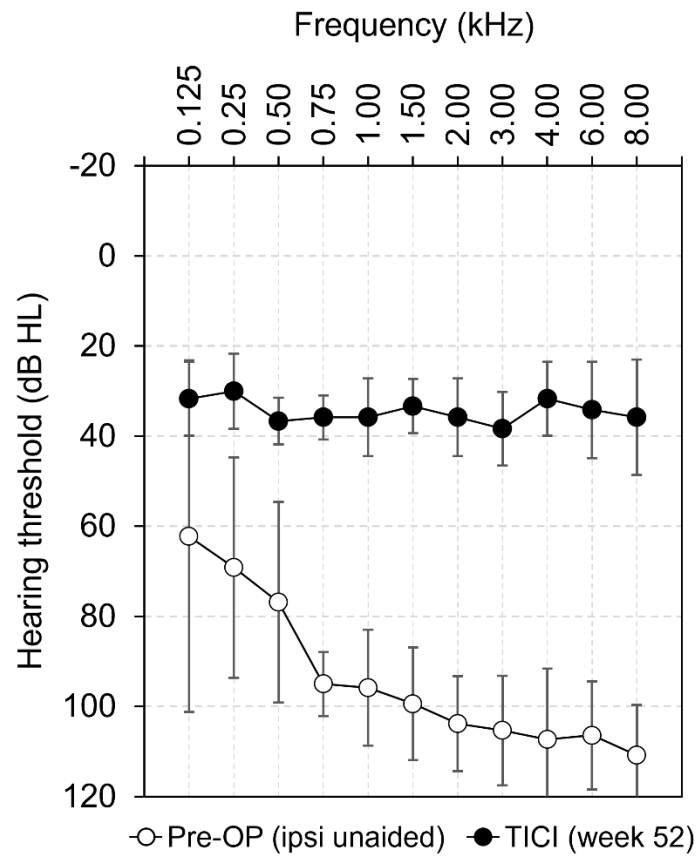


Supplementary Information

Supplementary Figure 1: Schematic of the implanted TICI showing positioning of the implant and microphone within the temporal bone. The different components of the TICI are shown in relation to the anatomic structures of the skull and inner ear.



Supplementary Figure 2: Mean pre- and post-operative audiometric thresholds with the TICI.



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17 *Mean pre-operative unaided audiograms in the ipsilateral ear (white circles) and mean 52-week*
 18 *postoperative audiograms with the TICl. Error bars represent the standard deviation.*

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