

Supplemental Material S1. Unaided hearing thresholds at 125, 250, and 500 Hz measured at the pre-operative (labeled “PreOp”), initial activation (labeled “Act”), and 12-month intervals. Participants P10 and P11 are not plotted in Figure 1, as they did not demonstrate audible thresholds (≤ 80 dB HL) in the post-operative period; however, their unaided hearing detection thresholds improved in the post-operative period. The remaining 14 participants had no response at all test intervals.

Participant	125 Hz			250 Hz			500 Hz		
	PreOp	Act	12-mo	PreOp	Act	12-mo	PreOp	Act	12-mo
P1	65	70	75	75	NR	100*	85	NR	105*
P2	65	80	NR	65	100	NR	65	110	NR
P3	65	80	75*	70	95	90*	70	100	100
P4	65	80	70*	70	100	90*	75	105	95*
P5	20	50	85	20	85	105	70	90	100
P6	60	90	60*	75	NR	85*	80	NR	100*
P7	80	85	70*	85	90	75*	90	90	85*
P8	60	85	55*	85	100	80*	110	NR	NR
P9	65	95	--	70	105	--	70	110	--
P10	30	NR	90*	60	NR	105*	85	NR	NR
P11	80	NR	90*	80	NR	NR	80	NR	105*

NR: No response at the maximum intensity output of the audiometer for each frequency.

-- : Withdrew from the study prior to interval.

* : Threshold improvement in the post-activation period.

Thresholds meeting the 80-dB-HL criterion are in bold.