

Supplementary Table S1: HUI-3 scores for each group at each interval and all associated p values. Higher scores indicate better hearing health. FF = first fitting. CI = cochlear implant, VSB = VIBRANT SOUNDBRIDGE, BB = BONEBRIDGE

<i>Test</i>	<i>Device</i>	Interval					
		n	Pre-FF	n	6m	n	12m
HUI-3	CI	91	0.5003	86	0.6558	80	0.6837
	VSB	13	0.6030	12	0.6943	12	0.7514
	BB	39	0.5913	38	0.6854	31	0.6888

Supplementary Table S2: SSQ₁₂ scores for each group at each interval and all associated p values. Higher scores indicate better hearing ability. FF = first fitting, CI = cochlear implant, VSB = VIBRANT SOUNDBRIDGE, BB = BONEBRIDGE

<i>Test</i>	<i>Device</i>	Interval					
		n	Pre-FF	n	6m	n	12m
SSQ12	CI	91	3.2015	89	4.8186	83	5.2656
	VSB	15	3.8564	13	5.6845	15	6.1737
	BB	35	4.0861	34	5.9858	30	6.0456

Supplementary Table S3: NCIQ scores (mean, standard deviation, and range) for each interval and subdomain. Higher scores indicate better results. FF = first fitting, m = month

	Interval					
	n	Pre-FF	n	6m	n	12m
Physical domain						
Basic sound perception	80	44.6 ± 26.1 (0.0–92.5)	73	65.0 ± 19.2 (25.0–97.5)	71	72.3 ± 16.2 (40.0–100.0)
Advanced sound perception	71	69.8 ± 20.3 (17.5–100.0)	69	77.9 ± 18.7 (30.0–100.0)	63	81.5 ± 14.2 (50.0–100.0)
Advanced speech production	76	44.0 ± 25.4 (0.0–97.5)	68	59.7 ± 21.0 (12.5–100.0)	65	64.5 ± 18.4 (25.0–100.0)
Psychological domain						
Self-esteem	76	50.6 ± 18.0 (20.0–87.5)	63	64.2 ± 16.5 (17.5–90.0)	67	67.7 ± 14.1 (17.5–92.5)
Social domain						
Activity Limitations	61	58.3 ± 24.1 (12.5–100.0)	58	73.5 ± 20.3 (17.5–100.0)	54	78.1 ± 18.5 (20.0–100.0)
Social Interactions	38	48.0 ± 18.5 (17.5–77.5)	28	66.2 ± 15.3 (20.0–87.5)	33	67.7 ± 15.2 (22.5–95.0)

Supplementary Table S4: APSQ scores (mean, standard deviation, and range) for each group at each interval. Higher scores indicate more satisfaction. CI = cochlear implant, VSB = VIBRANT SOUNDBRIDGE, BB = BONEBRIDGE

	Interval			
	N	6m	n	12m
CI	92	4.106 ±0.5 (2.5–4.9)	87	4.153 ±0.4 (2.9–4.9)
VSB	13	4.178 ±0.4 (3.3–4.8)	14	4.214 ±0.5 (2.9–4.9)
BB	39	4.014 ±0.4 (2.8–4.9)	34	4.042 ±0.5 (2.5–4.8)

Supplementary Table S5: Self-assessed hours of daily use for each group at the 6m and 12m intervals. CI = cochlear implant, VSB = VIBRANT SOUNDBRIDGE, BB = BONEBRIDGE

<i>CI users</i>					<i>VSB users</i>				<i>BB users</i>			
<i>Interval</i>	6m (<i>n</i> =92)		12m (<i>n</i> =89)		6m (<i>n</i> =13)		12m (<i>n</i> =15)		6m (<i>n</i> =39)		12m (<i>n</i> =33)	
	n	%	n	%	n	%	n	%	n	%	n	%
<i>Less than 3 hrs</i>	0	0	0	0	0	0	0	0	3	7.7	2	6.1
<i>3-5 hrs</i>	0	0	1	1.1	0	0	0	0	3	7.7	2	6.1
<i>6-8 hrs</i>	4	4.3	2	2.2	1	7.7	2	13.3	9	23.1	5	15.2
<i>9-12 hrs</i>	28	30.4	29	32.6	3	23.1	4	26.7	13	33.3	17	51.6
<i>12-15 hrs</i>	45	48.9	47	52.8	5	38.5	6	40.0	10	25.6	5	15.2
<i>More than 15 hrs</i>	15	16.3	10	11.2	4	30.8	3	20.0	1	2.6	2	6.1