**Supplemental Table 1.** Speech perception scores of the Cochlear Implant Recipients (CIR) at 6 months and 12 months post-implantation.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Number** | **Speech Perception Scores of the Implanted Ear** | | | | | | | | |
| **Baseline** | | | **Post-op 6 months** | | | **Post-op 12 months** | | |
| **CUNY**\* | **CNC- Words**† | **CNC Phonemes**† | **CUNY**\* | **CNC- Words**† | **CNC- Phonemes**† | **CUNY**\* | **CNC- Words**† | **CNC- Phonemes**† |
| 1 | 12.00 | 4.00 | 11.00 | 50.00 | 40.00 | 71.00 | 56.00 | 35.00 | 68.00 |
| 2 | 0.00 | 0.00 | 0.00 | 92.00 | 40.00 | 55.00 | 72.00 | 42.00 | 61.00 |
| 3 | 42.00 | 5.00 | 23.00 | 74.00 | 45.00 | 73.00 | 91.00 | 20.00 | 57.00 |
| 4 | 25.00 | 6.00 | 20.00 | NA | NA | NA | 92.00 | 55.00 | 82.00 |
| 5 | 0.00 | 0.00 | 0.00 | NA | 5.00 | 28.00 | NA | NA | NA |
| 6 | 0.00 | 0.00 | 0.00 | 36.00 | 0.00 | 17.00 | 90.00 | 72.00 | NA |
| 7 | 0.00 | 0.00 | 0.00 | 26.00 | 12.00 | 41.00 | 60.00 | 5.00 | 38.00 |
| 8 | 0.00 | 0.00 | 0.00 | 100.00 | 72.00 | 82.00 | NA | NA | NA |
| 9 | 0.00 | 5.00 | 13.00 | 96.00 | 28.00 | 65.00 | 98.00 | 28.00 | 65.00 |
| 10 | 36.00 | 15.00 | 33.00 | 84.00 | 28.00 | 55.00 | 70.00 | 20.00 | 48.00 |
| 11 | 10.00 | 0.00 | 17.00 | 56.00 | 24.00 | 52.00 | 84.00 | 25.00 | 60.00 |
| 12 | 3.00 | 0.00 | 11.00 | 87.00 | 40.00 | 76.00 | 96.00 | 45.00 | 76.00 |
| 13 | 0.00 | 4.00 | 21.00 | 98.00 | 65.00 | 77.00 | NA | NA | NA |
| 14 | 60.00 | 20.00 | 53.00 | 93.00 | 65.00 | 80.00 | NA | NA | NA |
| 15 | 5.00 | 25.00 | 43.00 | 65.00 | 10.00 | 45.00 | NA | NA | NA |
| 16 | 0.00 | 5.00 | 18.00 | 95.00 | 44.00 | 70.00 | NA | NA | NA |
| 17 | 0.00 | 0.00 | 5.00 | 97.00 | 60.00 | 75.00 | NA | NA | NA |

\*CUNY – City University of New York sentence identification test percent correct score14: † CNC test-Consonant-Nucleus-Consonant test word and phoneme percentage correct.