Superior Performance! The MAESTRO CI System

Up to 30% better performance in noise than other tested systems

Newly published: Comparative results from an article in a peer reviewed journal confirm superior performance for users of the MAESTRO Cochlear Implant System featuring FineHearing Technology.

Significant difference between cochlear implant systems: In a study comparing cochlear implant systems, results indicate that MED-EL users have a 2 dB advantage in SRT when compared to users of the Harmony Processor from Advanced Bionics and a 6-7 dB advantage when compared to users of the Freedom from Cochlear Ltd. MED-EL users perform up to 30% better than other tested systems.
Better Results Faster:

Users of the MAESTRO CI System featuring FineHearing not only outperform other CI systems, they achieve better hearing performance faster. The authors noted that “data indicate that the OPUS 2 group ‘take off’ more quickly than patients in other groups.”

Results show that by enhancing fine structure coding in the lower frequencies using FineHearing Technology, superior speech perception in noise can be achieved. Use of FSP equates to up to 30% better speech understanding.

Superior Backwards Compatibility:

Results show that MED-EL users with older implant generations outperform users of other CIS-based strategies, even without taking advantage of the latest 1100 chip technology. Users of the C40+ were still able to benefit greatly from FSP.

Referenced Articles:
2 Calculated from Haumann et al. (2010) using the psychometric function from Schmidt et al. (1997).
5 Lorenz et al. (2010) Fine Structure Processing improves speech perception as well as objective and subjective benefits in paediatric MED-EL COMBI 40+ users, [PORL], 74(12): 1372-1378.

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