

Don't Wait: Health Benefits of Earlier Implantation

Traditionally, cochlear implants have been considered a treatment option only for those who have lost all of their hearing. Health benefits and improved hearing outcomes support the need to shorten the duration of hearing loss and consider cochlear implantation before hearing loss progresses to profound.

Reduced Anxiety and Depression Slow Cognitive Decline

For patients with severe to profound hearing loss, cochlear implantation results in reduced anxiety and depression and improved overall health.² In addition, cochlear implants may slow age-related cognitive decline including dementia, with improvements seen in verbal and memory functions.³

Benefits of Residual Hearing

In studies, cochlear implant recipients who have maintained residual hearing after surgery in the implanted ear have achieved improvement in localization by using low-frequency cues in both ears⁶



Better Hearing Outcomes

Research has found a statistically significant relationship between improved hearing outcomes with a cochlear implant and three distinct factors including duration of hearing loss, the amount of speech understanding before cochlear implantation and the amount of residual hearing.⁴

Furthermore, a recent study identified that in this group of cochlear implant recipients a shorter duration of severe to profound hearing loss in the implanted ear was shown to be a predictor of better hearing outcomes.⁵

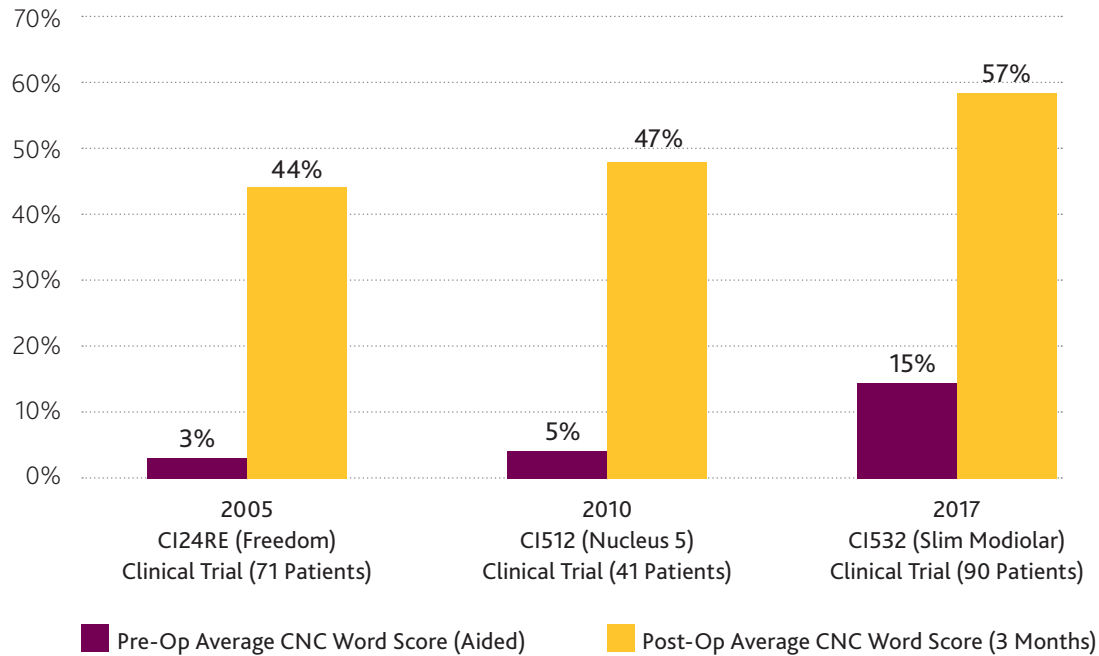
Research has shown that

20% of hearing aid users are missing out on the improved speech benefit that cochlear implants can provide.¹

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2. Manrique-Huarte R et al (2016) Treatment for hearing loss among the elderly: Auditory outcomes and impact on quality of life. *Audiol Neurotol*, 21S1:29-35.
3. Cosetti MK (2016) Neurocognitive testing and cochlear implantation: Insights into performance in older adults. *Clin Interv Aging*, 11:603-13.
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Cochlear Implant Speech Performance Outcomes



42 percentage point increase in speech understanding with a cochlear implant.³

At Cochlear, part of our mission is to bring innovative hearing solutions to market that deliver a lifetime of improved hearing outcomes.

Our research proves that cochlear implants can provide improved speech understanding over hearing aids.¹ Additionally, recent research shows that better hearing outcomes can be achieved when you have more hearing at the time of implantation combined with a cochlear implant that is close to the nerve.³

The sooner you get implanted, the sooner you can tap into the potential of cochlear implants.

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3. Clinical Evaluation of the Cochlear Nucleus CI532 Cochlear Implants in Adults. 2019, Jan; Data on file

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