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Original Article

Working-memory capacity and phonological processing in deafened adults and individuals with a severe hearing impairment

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skill in speech reading and level of speech understanding with cochlear implants and perceived effort in a noisy environment.

Key Words: Phonological processing | Working memory | Cochlear implants | Speech perception | Speech understanding

Related Research Data

Dynamic Relation Between Working Memory Capacity and Speech Recognition in Noise During the First 6 Months of Hearing Aid Use
Source: SAGE Publications
Hearing loss is negatively related to episodic and semantic long-term memory but not to short-term memory.
Source: American Speech Language Hearing Association
Early cochlear implantation: Verbal working memory, vocabulary, speech intelligibility and participant variables
Source: Informa UK Limited
Early Expressive Language Skills Predict Long-Term Neurocognitive Outcomes in Cochlear Implant Users: Evidence from the MacArthur-Bates Communicative
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