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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

Developmental Inventory

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