

Abstract of the 5th research

عنوان البحث باللغة الإنجليزية:

Influence of IQ on language age in children with cochlear implants

عنوان البحث باللغة العربية:

تأثير معدل الذكاء على عمر اللغة لدى الأطفال الذين لديهم قوقعة صناعية

المجلة:

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المشاركون في البحث:

د/رحاب عبد الحفيظ زيتون

د/ تكارولين م. عبد الله

د/ منى أ. العقاد

د/ ريهام ر. الشافعي

د/ سامح م. أمين

:Abstract

Introduction: Many kids with profound hearing loss receive cochlear implantation. Language performance after implantation depends on many variable factors like: hearing age, cause of hearing loss, rehabilitation programs, and intellectual abilities. We wonder if the cognitive function and intellectual state of kids with cochlear implants impact the development of oral language

Aim of the study: To measure the intelligence quotients (IQ) in kids with cochlear implants (CI) & its effect on the language age .

Subjects and Methods: The current cross-sectional study enrolled 60 prelingual children with cochlear implants aged among three to nine years .

Results: The mean of IQ was (90.8 ± 4.1) & the mean of language age was (37.8 ± 13.9) . There was a significant positive association among the IQ scores & language age of CI kids .

Conclusion: The intellectual abilities of prelingual CI children have a great influence on the language performance .

Keywords: Cochlear implants, IQ, Intellectual abilities, Language age.

ا.د/ شريف

ا.د/ نجلاء الشربيني

رئيس القسم

عميد كلية الطب جامعة الفيوم

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