Factors Influencing Hearing Aid Use Among School Going Hearing Impaired Children in Dhaka City.

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Abstract (300 word limit)

Hearing aids have become one of the main intervention strategies for hearing impaired people. A cross sectional study was conducted on children with hearing impairment from three hearing impaired schools in Dhaka City. The aim of the study was to assess the overall effectiveness of the use of hearing aids and to determine socio-demographic factors, psychological factors and other related factors in the use of hearing aids. Participants were 100 children with hearing impairment aged 4-18 who were also attending school. A 15-item questionnaire were taken to obtain the data from the parents of the children with hearing impaired. In this study basically four major factors were discussed and all of the factors were identified according to the participants using pattern of hearing aids. The socio demographic gender distribution has shown male children being higher than female children by a 59.6 % while the mean age at which the maximum participants use the hearing aid has been found to be 8.77 years and among them more participants can use hearing aid frequently in family conversations and social situations. The most effective feature was the ease of battery change (mean 4.6) and 50% participants shows withdrawal as their problematic features. Psychological factors show two basic relations among some issues and other related factors were also identified. Therefore it is recommended that care should be taken to provide family counseling and support to students and teachers in implementing the use of hearing aids by school going children with hearing impairment.

Keyword: hearing aids, children with hearing impairment

Image

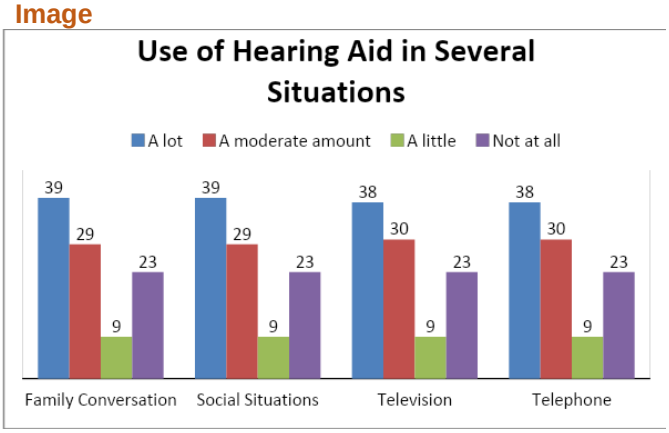


Figure: Distribution of the Use of Hearing Aid in several situations

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Biography

Maria Hossain Rinvi is an Intern student in Combined Military Hospital at Proyash Institute Of Special Education & Research (PISER) affiliated with Bangladesh University Of Professionals (BUP), Dhaka Cantonment. During her BSc (Hons) In Audiology and Speech Language Pathology, she developed her passion for working with the special children and attended several conferences and seminars according to her field of study. In her BSc dissertation, she analyzed Factors influencing hearing aid use among school going Hearing Impaired children in Dhaka city.
She is executive member of Bangladesh Speech and Hearing Association, and during her activity she organized a programme of world hearing day 2018 in her own institute. She speaks fluent English and Bangla.

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