

HEARING LOSS IN CHILDREN – A RETROSPECTIVE OBSERVATIONAL HOSPITAL BASED STUDY

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ABSTRACT

The present study aims to know the factors affecting the hearing loss in children's and to correlates the few well known open clinical problems. A observational study was conducted at Bowring and Lady Curzon hospitals, A total 400 children's screened for the accrual period of 3 years (2011-13). Demographic profile, history of the patients, hearing tests for children, signs of hearing loss ,earing evaluation were done and also all infants and toddlers were done at thorough hearing evaluation. Factors affecting hearing loss were collected through structured questionnaires. Relatively few cases bilaterally, while there were 0.50% of subjects with different hearing loss (type) between ears bilaterally. This includes cases where hearing loss type in one ear is known and is unknown in the other, or, less frequently, when there is a different type of loss by ear. In the bilateral group, 2.50% (n=10/400) had unknown hearing loss (type), at the end of the study period. These unknown cases occur when behavioural testing was incomplete; responses were unreliable over the test period. Our study suggests that ongoing surveillance and improved surveillance program evaluation would be useful for improving hearing outcomes

KEYWORDS: Demographic Profile, History, Hearing Loss, Bilateral

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