

RISK FACTORS OF SPEECH AND LANGUAGE DELAY AMONG CHILDREN (0-3 YEARS)



By

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Title: “Risk Factors of Speech and Language Delay among Children (0-3 years)”

Aim of the study: To find out the risk factors of speech and language delay among children (0-3 years).

Methodology: The study was conducted by a quantitative type of cross-sectional survey design to reach the aim. The study took place in Paediatric Department of CRP, Savar and William and Marie Taylor School, Savar with the sample data from 151 parents of speech and language delay children contributed in the study. The researcher used the “Home Screening Questionnaire” and “Kuppaswamy Scale” to collect data. A descriptive statistical analysis (SPSS= Statistical Package for the Social Sciences) method was used for evaluating collected data

Result: The majority of the participants 151, speech and language delay were male gender, poor home environment (score ≤ 19 in the Home Screening Questionnaire) and family history of speech and language delay. In multivariate analysis, poor home environment and positive family history (100%) were significant risk factors.

Conclusion: In this study these cross-sectional studies design here were many of risk factors of speech and language delay among children like as Influence of home

environment in the form of the home screening questionnaire score, area of living, parents' economic status, low birth weight, convulsion, preterm baby and adverse drug recreation.

The child's frequency of TV or mobile phone watching was significantly associated with delayed motor skills, cognitive and language development. Specific causal connections between pre- and prenatal difficulties and speech and language disorders have also yet to be established. Infections during pregnancy, preterm birth and low birth weight have been reported to have some time negative on speech and language development.

Limitation:

Investigator found that there were some limitations in the study. During this study the investigator always tried to minimize these limitations with the help of supervisor's suggestion. The major limitations are given follow:

- The data collected from Pediatric Unit & Special Needs School, CRP. It would be more generalized if data would be collected from others organizations, hospital etc.
- There has time limitation while conducting these studies which deal a great impact on the study.
- The study resources were limited with respect of the Bangladeshi perspectives, as very few related literatures were found on this topic.
- Most of the parents could not cooperate with investigator to give some personal information like monthly family income that was difficult to fill-up the questionnaires' form.

Only the parents who have children with speech and language delay of (0-3 years) were selected as a participant.

Recommendation:

Moreover, further investigation is needed for better result of this study.

- The research would be conducted by both quantitatively and qualitatively.

- Study can be done in others area in Bangladesh.
- It would better, if there is no age range barrier.
- Study can be done with large group of samples so that the more impact will come.

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[N.B. For better understanding of the study, please see hard copy & for any further information please contact: akterkolpona566@mail.com]