



Project (2) Survey study for down syndrome in pediatric clinical in Alexandria

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Project Summary:

Aims : to screen at the associated features in cares of Down Syndrome such as age, sex, IQ, consanguinity and socioeconomic level to find out the presence of associated problems as heart disease , respiratory problems , previous operations and orthopedic problems.

Methods : this study was done in pediatric clinical out patient in Alexandria by the student of third year in physical therapy college of pharos university in the period from 2015 to 2016. It was including 159 children of both sexes (95 male and 64 female).

Instrumentation :- pediatric sheet of Down Syndrome children.

Result :

- incidence of this Down Syndrome was male more than female(59.7 % to 40.3%)
- Incidence of age group more than 1 year 78.6% and less than 1 year 21.4%
- IQ in this survey children with Down Syndrome were :
 - Mild :37.1%
 - Moderate : 54.7%
 - Severe :8.2%
- Consanguinity incidence for this cases was 32.7% & 67.3% with no consanguinity .
- Social level was low in 45.9% of cases mild in 42.8% of cases and high in 11.3% of cases.
- Heart decease were present in 39.3% of cases only.
- Respiratory problems were present 23.3% of cases.



- Previous operation were 17.0% in this children with Down Syndrome.
- Orthopedic problems were 54.7% of the cases.

Conclusion : finding of the current study was concluded that the features associated with Down Syndrome children represent major problems but associated problems were less evident according to the result.