

# Identification of Barriers and its Influence on the Quality of Life in School Going Children with Cerebral Palsy

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## ABSTRACT

**Background:** Cerebral palsy is a group of non-progressive permanent disorders causing limitations in various aspects and facing barriers in their ADL's. However, they play an important role in deciding the quality of life of a child. Thus, schools form an important crossroad for a child outside his safe environment, in order to interact with others and environment, where he might face majority of his barriers. Thus, identifying them is of great importance.

**Aim:** To identify the barriers and determine its influence on the quality of life in school going children with cerebral palsy.

**Study Design:** Observational analytical.

**Methods and Material:** 30 subjects who were school going children with CP, between the age group of 9-12 years with GMFCS I and II levels and an IQ of above 69 were recruited. Interview based Parent reported LAQ-CP was collected followed child reported CP-QOL.

**Statistical analysis used:** Mean scores of all the domains of LAQ- CP was removed to find out the barriers whereas spearman's correlation coefficient was removed to find the influence of barriers on the quality of life.

**Results:** Mobility was found to be the biggest barrier faced by children. Also, there were 13 domains that were significantly negatively correlated to the barriers.

**Conclusions:** Our study showed that mobility proves to be one of the biggest barriers, also the LAQ-CP scale shows negative correlation with many domains of CP-QOL scale indicating that barriers faced by these children influence their quality of life.

**Keywords:** Cerebral palsy, Barriers, School going, Quality of life

