



Faculty of Medicine

**University of Dhaka**

**SITUATION OF LOW BACK PAIN AMONG THE MOTHER OF  
CHILDREN WITH CEREBRAL PALSY AGED BETWEEN  
6-12 YEARS**

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## Abstract

**Purpose:** To ascertain the risk factors of low back pain among the mother of children with cerebral palsy aged between 6-12 years attending at the Centre for the Rehabilitation of the Paralyzed (CRP). **Objective:** To identify the risk factors in the fields of socio demographic features, pain and care giving related postural feature and their relationship with low back pain. **Methodology:** A cross sectional study was conducted with a mixed interviewer administered questionnaire to collect information from 50 mothers of CP children who had low back pain in respects through convenient sampling procedure. Data was numerically coded and captured in Microsoft excel, using an SPSS16.0 version software program. **Result:** This study founded that, this survey 50 participants 100% were mother and its contributory portion were housewives about 98 .0%, maximum participants represented between 22-33 years of age about 50%. Among those 60% participants came from rural areas and most of the participants having good health status (20%) and didn't do regular physical exercise were about 88%. Outcome of this study showed that among the 50 participants who were suffering from LBP, 44% had sudden onset of pain and 56% had gradual onset of pain. The study concludes that CP child's mothers who were suffering from LBP, 22% had mild pain, 40% had moderate pain and 38% had severe pain and in most cases there is 27% radiation of pain. The participants maintained prolong sitting posture about 62.0% for most of the time in a day and 40% mothers lifted heavy object often or most of the day time and for which 60% people were affected on ADL due to LBP. Conclusion: This result of the current study indicates that higher prevalence of low back pain can be isolated by detecting the risk factors percentage among mother of CP children in Bangladesh. This study can form a baseline for the physiotherapy services provision for the mothers with low back pain.

**Key word:** Risk factors, Low back pain, Mother, Cerebral palsy children.