

Abstract*

Introduction

Unintentional injury is the fourth leading cause of morbidity and mortality among preschool going children in Sri Lanka. Having trained teachers with sound knowledge on injury prevention can be invaluable to prevent childhood injury at preschool. Moreover, maintenance of safety measures at preschool settings is vital to prevent harm from environmental hazards. Assessment of those aspects is important to take policy decisions regarding teacher training and creating safe environment in future.

Objective

Main purpose of this study is to describe knowledge on childhood unintentional injuries among preschool teachers, safety measures in preschool settings and the associated factors in Kaduwela Divisional Secretariat (DS) area.

Methods

This study is a cross sectional analytical study. It was carried out in preschools in Kaduwela DS area from June 2020 to January 2021 as two components. In the first component, 406 preschool teachers were selected using two stage cluster sampling. Data regarding knowledge on childhood unintentional injuries was collected using a self administered questionnaire. In the second component, randomly selected 10% of preschools were observed for safety measures using a 23 item checklist. Data was analyzed using SPSS version 23. Each correct answer of questionnaire and “yes” of checklist were given one mark each and raw scores obtained were transformed into a 0-100 scale separately and will be dichotomized as “satisfactory” (if 50% or more) and “not satisfactory” (less than 50%). Descriptive analysis was presented as numbers and percentages. The chi square test was used as the significance test to identify factors associated with level of knowledge and p value of <0.05 was considered as statistically significant.

Key words

Childhood unintentional injury, preschool teachers, safety measures

* Results and conclusion are not included, as the document contains only research proposal.