



INTERVENTIONAL STUDY TO Assess impact of first aid training programme on knowledge attitude practice in industry

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### **Abstract**

**Background.** First Aid is the immediate assistance provided to a sick or injured. Children spend most of their daytime in schools, and are at greater risk of accidents and injuries. National Disaster Management Guidelines 2016, recommends that school teachers and students be trained in First Aid and Basic Life support. This study was undertaken in schools to assess the awareness of high school students and teachers about First Aid and Basic Life Support, accompanied by demonstration and hands-on training.

**Methods.** Descriptive cross sectional. All students of Class 11<sup>th</sup> and 12<sup>th</sup> and teachers of three cantonment schools in New Delhi were included. Knowledge was assessed using a questionnaire comprising 20 multiple choice questions. 377 questionnaires were analyzed.

**Results.** Mean Knowledge Score = 10.96, SD = 2.87. 67.6% participants had a score  $\leq 12$  (60%). 29 (7.7%) had good knowledge, 214 (56.8%) average (11-15) and 107 (35.5%) poor ( $\leq 10$ ).

**Conclusion.** There was low level of awareness about correct First Aid and Basic Life Support. First Aid training should be incorporated as a part of school curriculum. Repeated reinforcement of knowledge and skills is essential.

**Keywords.** Basic Life Support, First Aid, schools, students, teachers.