

A Study on Occupational Injuries among Building Construction Workers in Bhubaneswar City Odisha

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Abstract : In India, construction industry plays a vital role in the development of infrastructures. It is one of the most hazardous industries. Construction workers are a group that is particularly vulnerable to health risks because they have few legal protection. India has the world's highest accident rate among construction workers. This study aimed to investigate the prevalence of occupation injury among construction workers and to find out the factors responsible for such injuries. Methodology: A cross-sectional study using a semi-structured questionnaire among 305 construction workers in Bhubaneswar city. In this study, it was found that the overall prevalence of injury was 43.28% in the previous one year period. Majority of the construction workers were less experience in the construction work. Factors responsible for injuries are fall of the object followed by striking, and majority of the workers reported their injuries to have occurred in the summer season. And most of the construction workers are not using personal protective equipment (PPE). Conclusion: Given the occupational injuries, the majority of the construction workers are injured in this study; there is a need to address this issue to ensure necessary step for the safety and well-being of construction workers.

Keywords : construction, construction workers, occupational injuries, personal protective equipment

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