



INCIDENCE & RISK FACTORS OF INJURIES

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ABSTRACT

Injuries like road traffic accident (RTA), domestic accident, work place injuries and intentional injuries lead to a large number of hospital admissions and a huge social and hospital burden. Possible preventive measures could lead to reduce these injuries. Presence of knowledge gaps in these areas restrict the efficacy of interventions. To assess the incidence of different types of injuries, assess the risk factors on RTA, evaluate the incidence and the risk factors for RTA injuries with the individual's socio-demographic characteristics. Patients admitted with injuries to the Base Hospital Kuliypitiya over a period of month (n=210) were recruited in this descriptive cross sectional study. An interviewer administered questionnaire was used to collect data. Data analyzed using descriptive analysis. Number of admissions due to injuries during period of one month was 210. There were 87.6% (n=184) admissions due to unintentional injuries. Majority; 76.2% (n=140) out of them were males. One of the major findings was the most common age group that have undergone to any type of injury was 31-40years 21.9% (n=46). The injuries include Road traffic accidents (RTA), work place accidents, leisure time accidents, injuries caused by violence and domestic accidents which correspondently represent by 52.4% (n=110) 11% (n=23), 9.5% (n=20) 12.4% (n=26) and 14.8% (n=31). When considering the RTA motor bike accidents 58.2% (n=64) (have led to most admissions. Risk factors represent RTA were no driving license (42.9%), helmet not used (26.7%), drowsiness (12.5%), alcohol influence (32.1%), dark or rainy day (53.6%), defective road (51.8%) and technical problems (10.7%). Most of the pedestrians (37.6%) have undergone to RTAs while crossing the road. 32.1% under the influence of alcohol. In this study most common age group that have undergone to any type of injury is 31-40 years. Motor bike is the most common vehicle for RTA and majority haven't got driving license. Considerable sample is under the influence of alcohol at the moment. Males have subjected to the injuries 3 times than females.

Keywords: Incidence, Risk factors, Injuries, RTA, Alcohol Influence