

i ABSTRACT

A hospital based cross-sectional study was conducted in Emergency Unit, Yangon General Hospital from September to October, 2012, to describe the pattern of injuries among young people. Yangon General Hospital is the largest tertiary hospital in Myanmar and one of five sentinel injury surveillance areas. A total of 159 injured young people were involved in the study. The majority of them were between 15-24 years, males, dependents, living in urban areas, with family/ relatives. Among them, unintentional injury accounted for more than three-fourths of the injuries occurred. About half of them occurred in street/highway, between 12 noon and 6 pm. The most common mechanism found was traffic injury, followed by falls, and assaults. Most of them occurred during leisure time activities. Most injuries were wound and of moderate severity. The most affected body part was upper extremities, followed by head and neck. About 15 percent of the injured young people reported their alcohol use before the injury event. The majority of them were transported to hospital by taxi. About three-fourths of the cases arrived to hospital within 3 hours after injury. Only less than half of the injured people received first aid treatment, mostly at nearby clinic, from doctors, within half hour after injury event. More than 99 percent of them arrived to YGH alive, and there was only one case of death (brought death). About half of the cases were admitted to hospital, and about half were given OPD treatment. Intentional injuries were more likely to occur in 15-24 aged group, females, urban residents, and those who were out of school, at restaurants, hotels, market, between 6 pm and 12 midnight, and during leisure time activities. There was relationship found between alcohol consumption and type of injury among the male respondents.