

Original Paper

Bone and joint injuries among young patients in Gorgan, Iran (2009)

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Abstract

Background and Objective: Musculoskeletal injuries are the common causes of disabilities among young patients. This study was done to establish the causes and clinical evidences of bone and joint injuries among young patients in Gorgan, Iran.

Materials and Methods: This cross-sectional study was carried out on 600 subjects with musculoskeletal injuries referred to 5 Azar teaching hospital in Gorgan, north of Iran during 2009. Age, sex, type of initial treatment, location of injury and medical treatment for subjects were completed. Data were analyzed using SPSS-16, Chi-Square and student t-tests.

Results: The mean age of subjects was 25±7 years. 83% of subjects were male. In 37% of injured people, time of accident was between 12 to 18 o'clock. The most common causes were car accident (49.7%), workplace injury (15.3%), falling down (10.3%), respectively. Street (38.3%) and road (18.7%) were the location with high accident. Fractures (71.7%), soft tissue injuries (48.3%) and dislocation (8.7%) were the most common injuries. Upper and lower limb were the most common in injury and fracture, respectively.

Conclusion: This study showed that young men are more prone to accident and occupation injuries.

Keywords: Trauma, Car accident, workplace injury, Fracture, Limb, Gender

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