

عنوان مقاله:

Mortality and Morbidity of Fireworks-Related Burns on the Annual Last Wednesday of the Year Festival (Charshanbeh Soori) in Iran: An 11-Year Study

محل انتشار:

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خلاصه مقاله:

Background: Management of firework-related injuries is costly for the patient, society, and government. Objectives: Evaluating effective factors yielding to such injuries may lead to better management of patients and decreased costs and morbidities. Patients and Materials: This retrospective cross-sectional study was performed on burn patients referred to Shahid Motahari Burns Hospital on Charshanbeh Soori day festival during the period extending from March ۲۰۰۰ to March ۲۰۱۱ (۱۱ days in an ۱۱-year period). Demographic data, causes of burn injury, severity, and affected body parts were recorded. Data were analyzed using SPSS version ۱۶. Results: There were ۱۶۴ patients in the study with a mean age of ۱۸.۳۴ ± ۹.۳۱ years; ۸۷% (۱۴۵/۱۶۴) were male. Homemade grenades were the most frequent cause of injury. Hand injury was reported in ۵۶% (۹۲/۱۶۴) of the cases. Amputation was executed in ۷ (۴.۳%) cases, and ۶ (۳.۷%) patients died due to severe burn injuries and facial damage. Conclusions: Fireworks-related injuries during Charshanbeh Soori ceremony causes significant morbidities and damage to different body parts (especially upper limbs and face), and some of these injuries will lead to life time disabilities, amputations, and even death. As most of the injured patients are young teenagers and children, special consideration must be taken into account to prevent long term morbidities. Abstract

کلمات کلیدی:

Costs and Cost Analysis, Morbidity, Burns

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