

عنوان مقاله:

(Epidemiology and Burn out Consequences in a Large Therapeutic Center in Iran (2010-2015

محل انتشار:

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خلاصه مقاله:

Introduction: Burns have impacts including medical, psychological, economic and social that involve patients and health care system. Epidemiologic factors of burns vary in different societies. While the effects of some burn variables on mortality rate, in similar circumstances, are expected to be universal. The present study was carried out to analyze the epidemiology, mortality, and current etiological factors of burn injuries. **Material and Methods:** This cross-sectional study was conducted during a period of 6 years (from 2010 to 2015). Data were obtained by the analysis of medical records of patients hospitalized in the Imam Reza Burn Center in Mashhad, Iran. The data were recorded by the nurses and staffs in the burn ward. **Results:** In our study, 1334 in-hospital burn patients were recorded. The mean age was 27 ± 5.67 years. The most common mechanism of burn was flame. The multivariable logistic regression modeling revealed, that the most important risk factors of patient mortality were length of stay (LOS) (OR=2.53(95% CI: 1.75-3.66), percentage of burn regarding body surface (BBS) OR=10.64(95% CI: 7.58-14.43), degree of burns OR=6.39(95% CI: 1.46-27.99). **Conclusion:** The results of our study revealed a high incidence of burns. Prevention plans should be made in this regard

کلمات کلیدی:

Burn, Injury, Infection, Epidemiology

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