The goal of the study was to determine the different patterns of burn injuries among patients admitted to emergency department in Suez Canal University

Sahar Ismail
Suez Canal University, Egypt

Aim: This study aimed at determining the different patterns of burn injuries among patients admitted to emergency department in Suez Canal University.

Methods: The study was conducted on 191 patients through a cross sectional study. The data was obtained from the records of the patients using a questionnaire.

Results: The age of the patients ranged from one month to eighty years with mean (with mean of age Mean ± SD = 8.847±0.98523 years, 58.6% were males and 41.4% were females). The Scald injuries accounted for the majority of burn cases, about (59.2%) while flame injuries about (20.4%), contact with hot object accounted (18.8%) and electrical burn injuries accounted (1.6%). There were (78%) of patients had TBSA of less than 10%, and about (14.7%) of injuries were 10-20% TBSA. About (39.8 %) of patients had suffered from first degree burn, while (16.2 %) of cases had suffered from second degree burn and (30.4%) had suffered from first & second degree burn. About (29.8 %) of patients in this study were hospitalized. The mortality rate in this study was (5.2 %) in hospitalized patients.

Conclusion & Recommendations: Flame and scalds appears to be the commonest etiology of burns in our environment. There is a defect about the pre-hospital management needed in such cases. The study results recommended better Health education on safety and precautions in our communities which should be targeted at the home.

dr.sahar2022@hotmail.com