

Incidence of abnormal uterine bleeding in women admitted to the burn ward of Ardabil Fatemi Center in 2022

Abstract

Background: Half of the patients hospitalized in the burn department are women, who, according to previous studies, are mostly of reproductive age. Burn causes severe stress to these people and this stress itself is also a factor for abnormal uterine bleeding.

Aim: The aim of this study was to determine the effect of burns with different degrees on the menstrual cycle in premenopausal women, which leads to abnormal uterine bleeding.

Materials and methods: The study population of the current study was all women admitted to the burn department of Fatemi Ardabil Hospital in 2022. All information related to the people included in the study, such as age, place of residence, having comorbidities, percentage of burns, degree of burns, location of burns, cause of burns, average length of stay, surgery, skin debridement, receipt of skin grafts, referral to centers Also, hospitalization in the intensive care unit and abnormal uterine bleeding were collected and recorded in a questionnaire designed for each patient.

Results: In the present study, 64 women admitted to the burn department of Fatemi Ardabil Hospital in 2022 were included in the study. Most of the studied subjects had burns in their lower limbs (60.9%). The most common cause of burns was reported as a result of eating (43.8%), and most people had type 2 burns (45.3%). According to the results of this study, in women of reproductive age who suffer from burns, having underlying kidney disease, burns of the whole body, greater degree of burns, specific cause of burns (especially fire), tissue debridement, and higher percentage of burns. And longer hospitalization is associated with changes in monthly habits and abnormal uterine bleeding.

Conclusion: In women with burns in reproductive age, the increase in the severity of burns is associated with an increase in abnormal uterine bleeding.

Key words: Burns - Abnormal uterine bleeding - Menstrual disorders