Surgical Wound Infection Index

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Introduction: Surgical wound infection is the second common cause of nosocomial infections, up to 20% of which has been reported. The cause of nearly 80% of deaths in operated patients is infection, which leads to an increase in antibiotic use, hospital costs and the stay of patients in the hospital. Independent variables such as underlying illness and dependent variables are such as high age and immune deficiency makes the surgical wound susceptible to infection. The present study evaluates the rate of surgical ulcer infections in the period of 6 months - 21 March to 22 September 2017 in sina training-medical center.

Materials and Methods: In this cross-sectional study patients in the surgical wards were selected. The data were completed using infection reporting forms.

Results: The mean 6-month index was calculated according to the ratio of cases of post-operative infection to the total number of operated patients during one month. 17 wound infections with incidence 2.89 per thousand are reported.

Conclusion: It is essential that the predisposing factors of wound infection, including underlying diseases are considered and the infection control standards are monitored. The most important limitation in this study is the lack of access to post-discharge patients and their referral to the clinic, which can affect in this index.