

Abstract

Background: Error is an integral part of the field of treatment that occurs in all hospital departments. In 38% of cases, nurses are on the first line of dealing with these errors. In addition to affecting patients as the first victim, errors also have negative effects on nurses as the second victim. Based on this, it is important to investigate the phenomenon of the second victims of error as well as the factors related to this phenomenon in order to face it. Therefore, the main goal of this research was to investigate the second victim phenomenon and related factors among nurses in Medical-Educational Centers in the City of Ardabil in 2022.

Materials and Methods: This research was descriptive and cross-sectional. The statistical population of the research was all the nurses working in medical-educational centers in the city of Ardabil. A random method was used for sampling. 330 nurses participated in this study. The data collection tool included a questionnaire of demographic characteristics, characteristics of previous nursing error experience, and the second victim experience and support tool (SVEST). The data collected in spss-24 software was analyzed using descriptive statistics and analytical tests (Pearson's correlation coefficient, independent t, one-way analysis of variance, LSD posthoc test).

Results: The results obtained from this research showed that the mean and standard deviation of the score of the second victim of error phenomenon among the nurses of Ardabil medical training centers in 2022 was 85.89 ± 10.17 . The phenomenon of second victims of errors among nurses have relationship with the variables of age, work experience, educational status, history of going to court due to errors, experiencing the phenomenon of second victims of errors in the last 12 months, the number of cases of nursing errors in the last 12 months, having a nursing error that leads to It is related to injuries in the last 12 months, how nursing errors are reported, and how managers deal with nurses' errors ($p < 0.05$). The results of the regression analysis indicate that according to the history of going to court ($\beta = -0.158$); The number of cases of error in the last 12 months ($\beta = 0.119$) and being the second victim of error in the last 12 months ($\beta = 0.118$) had the most significant role in the phenomenon of the second victim of error among nurses in the statistical sample ($p < 0.05$).

Conclusion: Nurses of Ardabil medical-educational centers in 2022 have an average level of the phenomenon of the second victims of error, and a set of individual and organizational factors are influential in the growth of this phenomenon. Based on this, it is necessary to use the findings of this study in treatment protocols and reduce the phenomenon of second victims of error.

Key words: Nurse, Medical error, The Phenomenon Of Second Victims.