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Examination of nurses' state anxiety and their tendency to medical error in different working hours

Sevil Telli* and Leyla Khorshid**

Izmir University of Economics, Vocational School of Health Services*

Ege University, Faculty of Nursing**

This prospective, descriptive and cross sectional study research was implemented with the aim to compare the state anxiety and the tendency for nursing medical mistake during day working and night shift. Research has been made in Aydın State Hospitals between 30 November 2012 - 30 May 2013 with 317 nurses. Data were collected by using "Individual Identification Form", "Trait Anxiety Inventory" and "Nursing Medical Mistake Scale". Trait Anxiety Inventory" and "Nursing Medical Mistake Scale" were applied to the same nurses during both their day and night shift. It was determined that nurses were experienced state anxiety during day and night shift. It was determined that the error tendency was related to "The medication and Transfusion administration", "Nosocomial infections" and "Patients monitoring and Equipment Safety" of the most nurses during night shift according to day shift. It was founded that the error tendency changed "Communication" of the nearly half of the nurses during night shift according to day shift. There is difference between the medical error tendencies and state anxiety during day and night shift. State anxiety and the error tendencies are higher within day shift.

Biography

Telli Sevil graduated from Süleyman Demirel University School of Health in 2004. Her Master's Degree has been completed at Ege University Faculty of Nursing in the Department of Fundamentals of Nursing in 2013. She worked as a nurse in the Ministry of Health between the years 2005-2013. 2014 – Still, She has been working as a lecturer in Izmir University of Economics Health Services Vocational School Elderly Care Program.

Prof. Dr. Leyla Khorshid graduated from Ege University School of Nursing in 1981. She worked as a nurse teacher in the Ministry of Health between the years 1982-1983. She has completed her Ph.D. at the age of 33 from Ege University School of Nursing. She has been worked as instructor in Ege University Faculty of Nursing

sevil_telli83@hotmail.com

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