

24th World Nursing and Healthcare Conference

September 13-15, 2018 | Copenhagen, Denmark

The effect of sheets on the prevention of pressure ulcer

Ayla Yavuz Karamanoğlu, Fadime Gök and Yüksel İkiz
Pamukkale University, Turkey

The aim of this study was to determine the effect of bed sheets on the prevention of pressure ulcers. The data were collected using socio-demographic form and the Braden risk assessment scale between February - November 2014. The study was carried out at anesthesia intensive care unit. The study population composed of patients receiving treatment for at least 5 days. Totally 107 patients were composed the sampling (61 patients at experiment group, 46 patients at control group). At control group, 100% cotton sheets were used at patients' beds. The sheets made from luxicool branded raw material were used at experiment group. Every day, Braden Scale was used for assessment of the risk of pressure ulcers. It was founded that 50.5% of the patients were younger than 60, 60.7% male, 55.5% were followed up in intensive care unit due to respiratory distress, 52.3% have normal skin, 37.4% of mildly obese, 57.9% a bit mobile, 45.8% have enteral feeding. When the risk status of the patients was examined, 21.5% had high risk, 33.6% had moderate risk and 44.9% had low risk. In 57% of the patients in the experiment group, 43% of the patients in the control group were found to have pressure ulcer. There was a statistically significant difference between the age, nutritional, diarrhea status and pressure ulcers. There was no statistically significant difference was found between the experiment, control group and other variables and the rate of pressure ulcer.

Biography

Ayla Yavuz Karamanoğlu has completed her PhD from Ege University. She work as a assistant professor at Pamukkale University Faculty of Health Sciences, Surgical Nursing Department. She worked as a nurse at Dokuz Eylül University Medical Faculty Hospital between the years 1988-1998. She has published articles in various journals.