

ABSTRACT

FACTORS ANALYSIS INFLUENCED TO FALLS ACCIDENT ON
PEDIATRIC PATIENTS

Descriptive analytic study in Bona 2 Ward Dr. Soetomo Regional Public Hospital

By: Dwi Retna Heruningtyas

Introduction: The Increase of falls accident was found among pediatric patients, from 0,023% to 0,083% on 2014-2015, January to September 2016 was 0,071% in Bona 2 Ward Dr. Soetomo Public Hospital. Falls accident was influenced by various factors. This study aimed to analyze factors influenced to falls accident among pediatric patients. **Method:** The design of this study was descriptive analytic and cross sectional with 107 sample size of pediatric patients who were taken by using purposive sampling technique. Independent variable of this study were diagnosis, characteristic of the patient medication and environment. Dependent variable was falls accident among pediatric patients. Data were taken by using questionnaire and medical record then analyzed by using *chi square*. **Result:** The result showed that has significant influence between falls accident with characteristic (age) of the patient ($p=0.049$) and diagnosis ($p=0.044$). There was no influence of medication ($p=0.288$) and environment ($p=0.431$) to falls accident. **Conclusion:** It can be concluded that diagnosis and characteristic of the patient influence to falls accident among pediatric patients. This study suggests Bona 2 Ward Dr. Soetomo General Hospital to provide information about patient safety by using books or internet to increase prevention fall risk on pediatric patients. Though further research can arrange new research relates to this study or such as the application of six patient safety goals.

Keywords: Pediatric patients, diagnosis, characteristic of the patient, medication, environment