The level of safety standards in implementing of therapeutic and caring procedures by emergency department personnel of an educational hospital related to Medical Sciences University of Dezful

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ABSTRACT

Introduction: Applying safety standards in implication of treatment and therapy in special conditions could be employed as general principle for safety of patients and protection of legal rights of staff and patients. This study was performed with the aim of determining the level of applying safety standards in treatment and therapy processes by the emergency personnel in 2016.

Materials and Methods: This is a descriptive study with random sampling from all the population. Overall 120 cases of nasogastric intubation, bladder catheterization, intramuscular and intravenous injections done by emergency staff enrolled in our study. The data were collected by a two-section checklist including demographic features and 4 sheets of observation. The data were then analyzed by descriptive statistics.

Results: The results showed that the level of compliance with safety standards was 63.3% in intramuscular injection, 86.7% for intravenous injection, 90% for bladder catheterization and 80% for nasogastric intubation. There were no statistically significant differences in variables such as age, education and experience and work shift.

Conclusion: More education about safety standards for therapeutic and caring procedures is needed.