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**Title:** Evaluation of Knowledge on the Applicability of the Injection Protocol from Nursing Staff in Patients of Vlorë's Regional Hospital during April-July 2015

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**Abstract:**

Background: It is a great responsibility to ensure safe injection practices from nursing staff. Incorrect procedures could lead to transmission of pathogens, consequently, the diseases that come from them.

Aim The evaluation of knowledge on the applicability of the injection protocol from nursing staff in patients of Vlorë's Regional Hospital during April 2015-July 2015

Materials and methods This is a cross-sectional study that was conducted in the period April 2015-July 2015. We randomly select from all the nursing staff of Vlorë's Regional Hospital wards, who were interviewed in work environments. For data collection was used a questionnaire from which was taken the most important information on the practice of performing the injections from nursing staff and the method of their application.

Results There were 138 nurses which participated in this study, from whom, men were 33 or 24% and 105 women or 76%. The average of job years was 14.98 years of service. 25% of the respondents were the nurses from the internal diseases ward. In 78% of cases nurses do not control the syringe before use for any damage or expiration. In 12% of cases the staff declares that they have used a syringe to more than one procedure. In 68% of cases injections have been prepared in patient's room. 74% of nurses use to open glass ampoules without using gloves. The 90% of staff said that the families have intervened in nursing procedures during the application of injections.

Conclusion It was noted a low level of professional nursing knowledge regarding the performance of injection practice. The intervention of patient's family members is frequent during the management of injections.

**Keywords:** hospital, injections, nursing practice.

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