

## **Frequency of needle stick injury among Rasoul- Akram Social Security Hospital staff in Rasht 2018-2019**

### **Introduction and aim**

Injury caused by needle stick and sharp objects are the most important occupational risks and also are the main causes and transmission of bloody infections among staff's health. The aim of this study is determining of frequency of injury caused by winning and sharp objects staff's Rasul Akram hospital in Rasht from April 2018 to September 2019.

### **Materials and Methods**

In this cross sectional study, 453 medical workers of Rasoul -Akram hospital were participated. For collecting data, a questionnaire (including age, sex, marital status, education, job, History of vaccination, the times of injury, Injured member )was distributed among staff.

### **Results**

According to our data, 20 persons (4.4 %) of personnel were injured by needle stick. 16 persons were women and 4 persons were men. More needle stick occurred about nurses (45 %) with a bachelor's degree. Among personnel who were injured, 18 persons (4%) got the vaccination, 16 persons (3.5 %) got married and hand was injured in all of them.

### **Conclusion**

Injury by needle stick and sharp objects are prevalent among Health care workers, especially nurses. For this mean, hospital must fallow up these causes and do appropriate of education program for control and prevention of the accidents.

### **Key words**

Needle Stick injuries, Medical workers, bloody infections

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