

A study to assess the knowledge about safety measures adopted by the laboratory department among staff Nurse.

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Abstract

Laboratory services are an essential component of health care and there is no specialty in health care that does not require laboratory investigations. Laboratory investigations play a vital role in the treatment of disease condition. Safety standards have been set by many organizations which need to be followed by the hospital laboratories. Safe employees will give forth their best effort towards their duties and responsibilities. It is necessary for the employees to incorporate these safety measures in to the work place. **OBJECTIVES** To assess the knowledge about safety measures adopted by the laboratory department among staff Nurses. To associate the knowledge about safety measures adopted by the laboratory department among staff Nurses with selected demographical variables. **METHODOLOGY.** Research approach Quantitative research Design A descriptive design Sample Staff nurses both male and female. Sample size 50 samples sampling technique convenient sampling technique. **Results.** Out of 50 sample , 23(46%) of them were under the category of moderate level, 14(28%) of them were the category of them High level and the 13[26 %] of them were the category of low level knowledge about safety measures. The association of the with safety measures adopted by the laboratory department among staff Nurses with selected demographical variables was determined using Chi -square test. Reveals that there is a significant association between level of education, and others are non significant association between safety measures adopted by the laboratory department among staff Nurses with selected demographical variables.

Key words: safety measures, laboratory department, staff Nurse.

INTRODUCTION

In the clinical laboratory environment, it is vital that laboratories follow certain daily procedures that will lessen their chances of being exposed to the dangerous materials they work with so frequently the current trend emphasizes the development of a safety – conscious attitude on the part of individuals towards eliminating accident – prone habits.

The concept and practice of “safety” in modern medical laboratory is essential for protection of life and property and continuity of hospital services. Protection of human life mainly lab technicians is of paramount importance.

Safety standards have been set by many organizations which need to be followed by the hospital laboratories. Safe employees will give forth their best effort towards their duties and responsibilities. It is necessary for the employees to incorporate these safety measures in to the work place.

It is the responsibilities to the hospital to provide a safe environment for the employees. There is no guarantee that they will not be injured even when all precautions and safety measures are taken including compliance with statutory regulations. However, such precautions and compliance ensure that everything possible has been done to provide a safe environment in the hospital.

With this background, the researcher has undertaken the study in the laboratory of the selected hospital. Various national bodies such as the National Accreditation Board for Testing and Calibration Laboratories (NABL) in India and international bodies such as the College of American Pathologists (CAP) and The Joint Commission International (JCI) are involved in assessing the quality of laboratory services using different measurements and parameters to define, assess, and measure quality.

NEED FOR THE STUDY:

Safety standards have been set by many organizations which need to be followed by the hospital laboratory. Safe employees will give forth their best effort towards their duties and responsibilities. It is rightly said that a feeling of safety, is like happiness in mind. It is necessary for the employees to incorporate this feeling in to a work and lifestyle. Laboratory services are an essential component of healthcare and there is no specialty in healthcare that does not require laboratory investigations, laboratory investigations play a vital role in the treatment of disease condition. In the clinical laboratory environment, it is vital that laboratory follows certain daily procedures that will lessen their chances of being exposed to the dangerous materials they work so frequently. The current trends emphasize the development of a safety-conscious attitude on the part of individuals towards eliminating accident-prone habits. Thus the study is aimed to determine the application of safety measures and to find out the benefits of safety measures in a selected hospital.

STATEMENT OF THE PROBLEM

A study to assess the knowledge about safety measures adopted by the laboratory department among staff Nurse .

OBJECTIVES

- To assess the knowledge about safety measures adopted by the laboratory department among staff Nurses.
- To associate the knowledge about safety measures adopted by the laboratory department among staff Nurses with selected demographical variables.

METHODS AND MATERIALS USED

The research approach used in the study was quantitative approach, using a descriptive Research design. The study was conducted at laboratory department in Saveetha medical college and hospital , Chennai. With 50 staff nurses are the samples sampling by convenient sampling technique .

DESCRIPTION OF THE INSTRUMENT**PART. A**

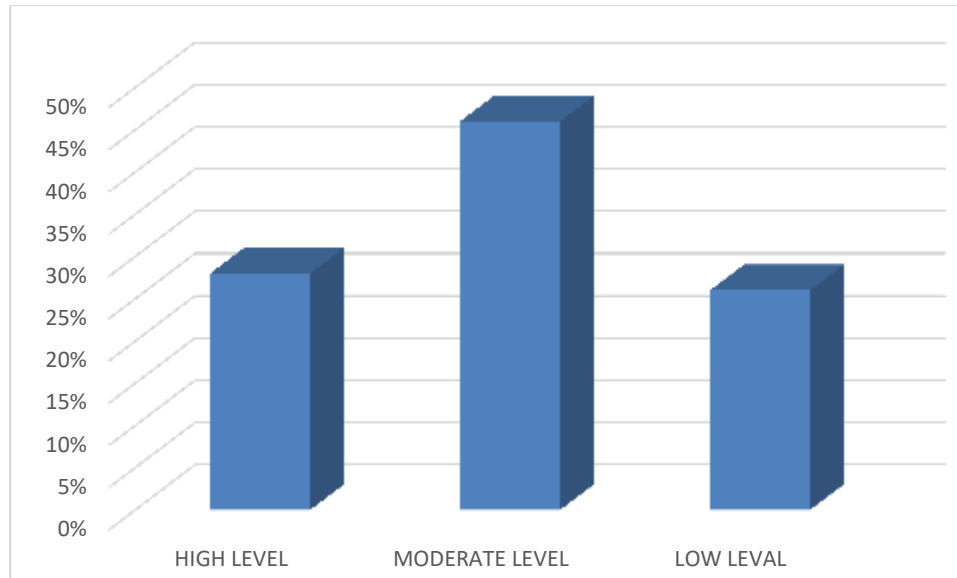
Socio demographic variable such as age, gender, marital status , education ,occupation , laboratory branch .

PART. B

Questions regarding the usage of safety standard and safety measures in the laboratory department.

MAJOUR FINDINGS

Out of 50 sample , 23(46%) of them were under the category of moderate level, 14(28%) of them were the category of them High level and the 13[26 %] of them were the category of low level knowledge about safety measures. There is a significant association between level of education , and others are non significant association between safety measures adopted by the laboratory department among staff Nurses with selected demographical variables.



The figure shows that the level of knowledge was 26% of them in low level knowledge, 46% of them were in the moderate knowledge and the 28% of them high level knowledge.

SUGGESTION

- ❖ A similar study can be conducted by using different sampling technique.
- ❖ A similar study can be conducted in different age group.
- ❖ A Comparative study can be conducted between lab technician and staff nurses.

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