



A STUDY TO ASSESS THE LEVEL OF KNOWLEDGE AND PREVENTIVE FACTORS ON ETHICAL SENSITIVITY REGARDING PATIENT'S CARE AMONG ALLIED HEALTH SCIENCE (ECG TECHNICIANS) STUDENTS AT SMVMCH, PUDUCHERRY

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ABSTRACT:

Introduction: Allied Health Professionals (AHPs) are healthcare professionals who work with doctors and nurses in specialized areas, delivering health services. **Objectives of the study:** The main objective of the study to assess the level of knowledge and preventive factors on ethical sensitivity among Allied Health Science (ECG Technicians) students. **Methodology:** The research approach used for this study was quantitative research approach. A descriptive research design was adopted for this present study. By using purposive sampling technique, 60 Allied Health Science (ECG Technicians) students were selected for the present study. **Results:** The present study reveals that 48 (80 %) of them have moderate level of knowledge and 4 (6.7 %) have good level of knowledge about ethical sensitivity. 34 (56.7%) of them have moderate level of preventive factors and 23 (38.3 %) have good level of preventive factors at ethical sensitivity. **Conclusion:** The study findings concluded that the majority of the student have moderate level of knowledge and preventive factors regarding patient's care on ethical sensitivity.

Keywords: Allied Health Professionals, Health care professionals, preventive factor, Knowledge

INTRODUCTION:

Allied Health Professionals (AHPs) are healthcare professionals who work with doctors and nurses in specialized areas, delivering health services. They have undergone formal education and clinical training, and are also known as paramedics, technologists, therapists, or scientific officers. A study of 36 AHPs in a mid-west urban medical center found ethical issues in the workplace, including teamwork, confidentiality assessment, and documentation. The study also highlighted the need for structured coursework to maintain provider-patient relationships. The new Health Education England research strategy calls for a transformation of AHP identities, culture, and roles.

NEED FOR THE STUDY

Allied Health Professionals, a significant part of the healthcare workforce, are increasingly aware of bioethical dilemmas due to technological advancements and complex patient issues. This research reveals that ethical themes in the workplace include teamwork, confidentiality, assessment, and documentation. Professional judgment is essential, and structured coursework is seen as a link between formal training and the healthcare setting.

Research ethics, including beneficence, justice, and autonomy, are crucial for protecting participants' dignity and rights. The World Health Organization (WHO) works with Member States and partners to promote ethical standards and review systems for research involving human subjects. These guidelines help practitioners find the most beneficial solution to patient issues, reducing risky procedures and treatments.

STATEMENT OF THE PROBLEM

A study to assess the level of knowledge and preventive factors on ethical sensitivity regarding patient's care among allied health science (ECG technicians) students at SMVMCH, Puducherry.

OBJECTIVES OF THE STUDY

- To assess the level of knowledge and preventive factors on ethical sensitivity among Allied Health Science (ECG Technicians) students.
- To associate the level of knowledge and preventive factors among Allied Health Science (ECG Technicians) students with the provided demographic variables.

RESEARCH METHODOLOGY:

A quantitative research approach and descriptive research design was selected for the present study. The present study was on 60 Allied Health Science (ECG Technicians) students who meet the inclusion criteria. Using a purposive sampling technique the samples were selected for the present study. The tool

consists of demographic variables and structured questionnaires. The data of the study was evaluated by using descriptive and inferential statistics.

MAJOR FINDING

Out of 60 samples with the score range of 0-50, the overall average score is 79 % with the standard deviation of 4.34 on assessing the level of knowledge at ethical sensitivity regarding patient's care among allied health science (ECG technicians) students at SMVMCH at Puducherry.

Out of 60 samples with score range of 0-50, the overall average score is 71 % with the standard deviation of 3.54 on assessing the preventive factors at ethical sensitivity among allied health science (ECG technicians) students at SMVMCH at Puducherry. It was statistically found that are highly significant relationship between the knowledge and preventive factors at ethical sensitivity among students. It shows the significance at $p < 0.05$ level.

RESULTS AND DISCUSSION

The study was conducted study to assess the level of knowledge and preventive factors on ethical sensitivity regarding patient's care among allied health science (ECG technician) students at SMVMCH, Puducherry. The table 1 reveals the frequency and percentage wise distribution on level of knowledge regarding patient's care at ethical sensitivity among allied health science (ECG technicians) students at Sri Manakula Vinayagar Medical college and Hospital were 48 (80 %) of them have moderate level of knowledge and 4 (6.7 %) have good level of knowledge about ethical sensitivity.

The table 2 reveals the percentage wise distribution on preventive factors regarding patient's care at ethical sensitivity among allied health science (ECG technicians) students at Sri Manakula Vinayagar Medical College and Hospital were 34 (56.7 %) of them have moderate level of preventive factors and 23 (38.3 %) have good level of preventive factors at ethical sensitivity .

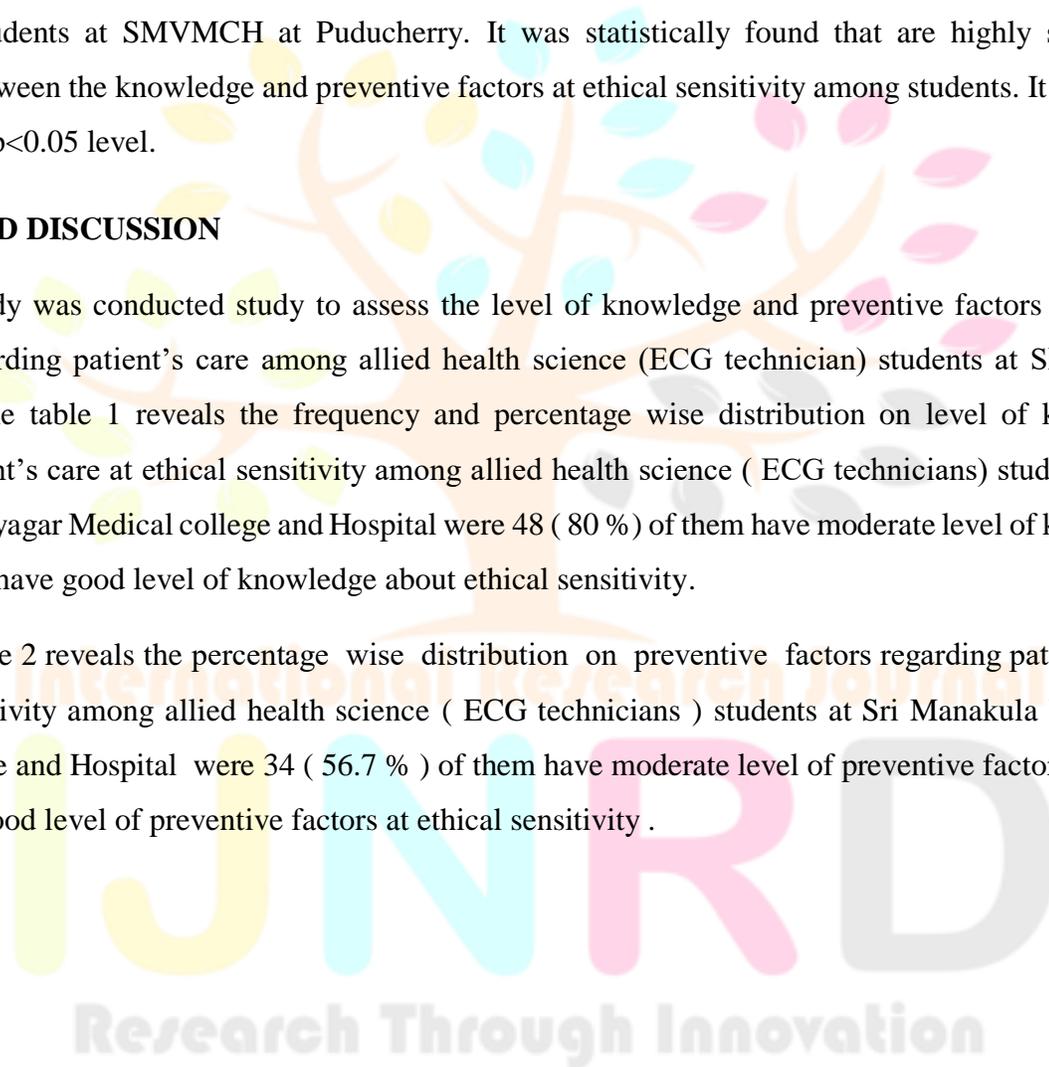


Table 1: Frequency and percentage wise distribution to assess the knowledge on Ethical sensitivity regarding patient's care among allied health science (ECG Technicians)

N=30

Level of Knowledge	Knowledge score	
	Frequency (N)	Percentage (%)
Low	0	0
Mild	8	13.3
Moderate	48	80
High	4	6.7
Overall	60	100

Figure 1: Frequency and percentage wise distribution to assess the knowledge on ethical sensitivity regarding patient's care among allied health science (ECG Technicians).

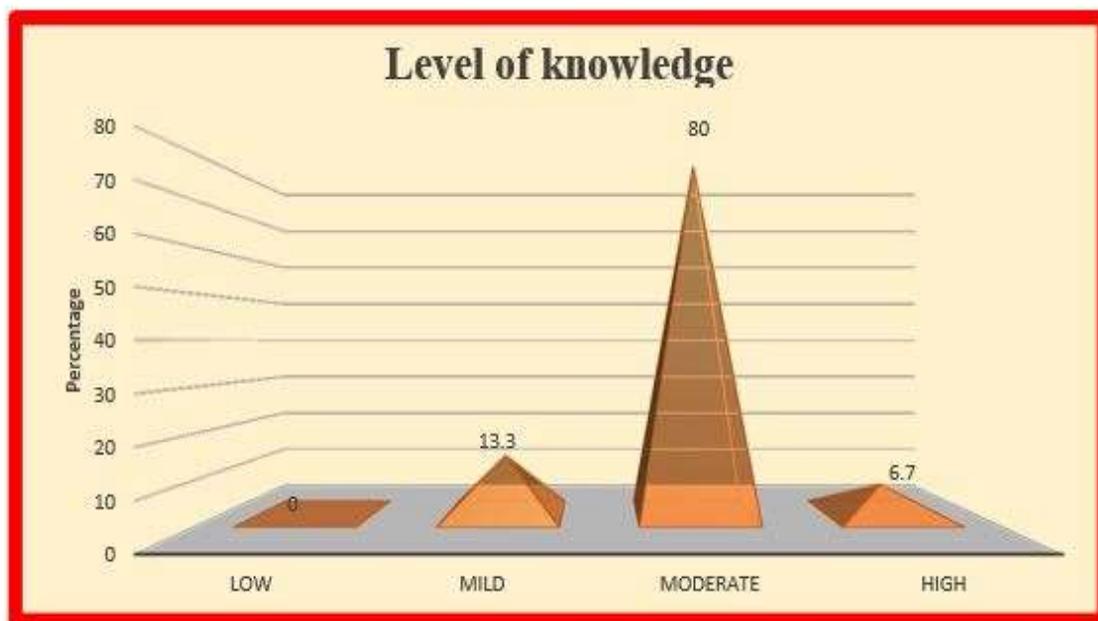
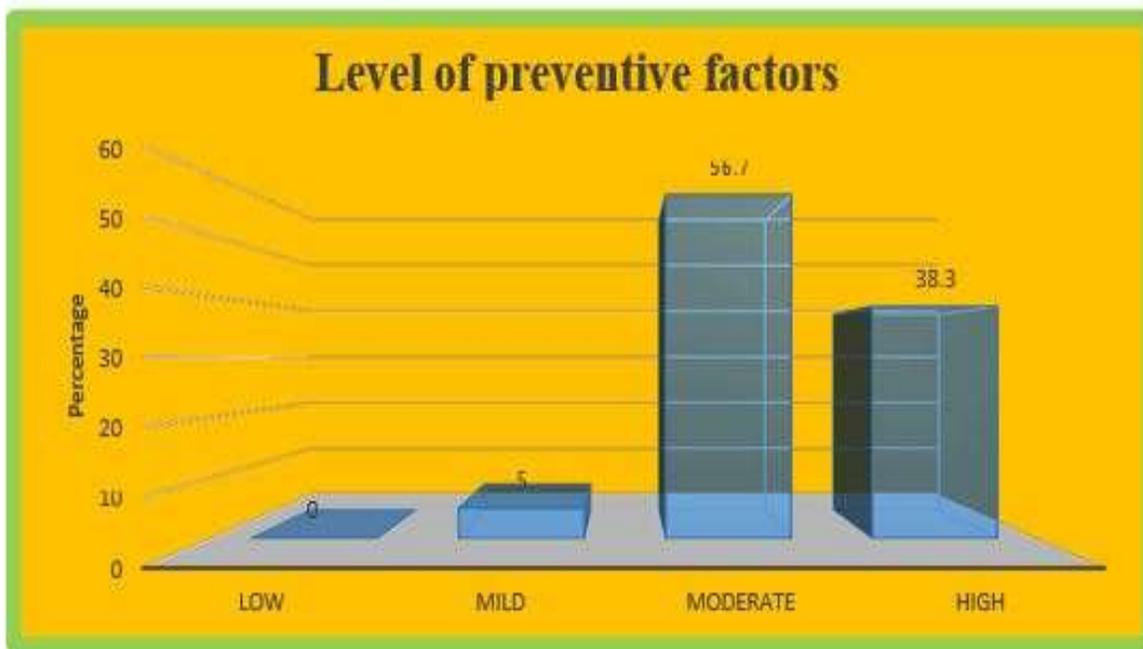


Table 1: Frequency and percentage wise distribution to assess the preventive factors on Ethical sensitivity regarding patient's care among allied health science (ECG Technicians)**N=30**

Level of preventive factors	Preventive factors score x	
	Frequency (N)	Percentage (%)
Low	0	0
Mild	3	5
Moderate	34	56.7
High	23	38.3
Overall	100	100

Figure 2: Frequency and percentage wise distribution to assess the preventive factors on ethical sensitivity regarding patient's care among allied health science (ECG Technicians)**CONCLUSION:**

The present study implies that the majority of the student have moderate level of knowledge and preventive factors regarding patient's care on ethical sensitivity and the analysis resulting the inclusive view of ethical sensitivity that addresses some of the limitations with the prior conceptualizations. insight has been gained through this study, into how healthcare professionals respond to ethical dilemmas regarding

information .and this study complements efforts aimed at enhancing health – care professional at patient communication. And develop positive aspect of knowledge and preventive factors about ethical sensitivity among the students.

RECOMMENDATIONS:

Based on findings of the present study, the following recommendations have been made.

- The same study can be conducted in different settings.
- The same study can be conducted with experimental research design.
- The study can be generalized for larger samples for better recognition.
- The study can be done for other department students also.
- The study can be done as a longitudinal study.

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