A Study to Assess the Effect of Structured Teaching Program on Knowledge Level Regarding Legal and Ethical Aspects among Staff Nurses Working at Selected Hospital, Lucknow

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ABSTRACT

Legal aspect is the activity of the nurse that legally permitted while taking care of the sick patient. Law is final authority to regulate the activities of all citizens. Nurse need to be aware of this standard, as well as legal and ethical concept and principles since nurse are accountable for their action in their professional role. The samples were 30 staff nurses, selected by convenient sampling from hind Hospital, Lucknow. Pre-experimental one group pre-test post-test design was used in the study. The data was collected by administering structured knowledge questionnaire followed by structured teaching program on knowledge regarding legal and ethical aspects. After 7 days, post-test was done to assess the effect of STP. The study concluded that there is a need to educate the staff nurses about the legal and ethical aspects in nursing.

KEYWORDS: *Effect, Structured Teaching Programme, Knowledge, legal and ethical aspects*

1. INTRODUCTION
According to medical dictionary the word ethics is derived from the Greek word "Ethos" which means "character" and from the Latin word Mores" which means "customs". Nursing ethics is a system of principles governing the conduct of a nurse and is a branch of applied ethics that concerns itself with activities in the field of Nursing. These are the values or moral principles governing relationships between the nurse and patient, the patient's family, other members of the health profession and the general public.

Safe nursing practices include an understanding of legal and ethical boundaries. So nurse needs to be more alert to prevent issues and dilemmas which she encounters while working at hospital.

According to 2016 National Malpractice Statistics revealed that nearly 250,000 individuals die each year in the U.S as a result of malpractice, which is currently the third leading cause of death in the country.

According to World Health Organization (2016), many studies have described medication error rates in hospital settings, but data for primary care is relatively scarce. This is particularly true of low- and middle income countries, despite the increasing use of medications error.

2. Review of literature
In this present study the review of literature is organized under the following sections:
➤ Literature related to knowledge and practice of Legal and Ethical Aspects of Nursing
➤ Literature related to effectiveness of STP on knowledge level regarding Legal and Ethical Aspects of Nursing

3. Problem statement
A study to assess the effect of structured teaching program on knowledge level regarding legal and

ethical aspects among staff nurses working at selected hospital, Lucknow."

4. Objective
➤ Assess the knowledge level regarding Legal and Ethical Aspects among staff nurses.
➤ Evaluate the effect of Structured Teaching Program on knowledge level regarding Legal and Ethical Aspects among staff nurses.
➤ Association of knowledge level with selected demographic variables among staff nurse.

5. Research Methodology

Research Approach	Quantitative research approach
Design	Pre experimental design
Setting	Hind hospital
Population	**Staff nurse**
Sample Size	60
Sample technique	Non-probability convenience sampling techniques.
Tool	Structured questionnaire

6. Development and description of the tool
Data collection instrument consists of following sections:

PART I: Demographic profile:

It consists of demographic variables like Age, Gender, Qualification, Area of working, Years of experience and previous knowledge.

PART II: Structured knowledge questionnaire regarding Legal and Ethical Aspects.

Section A: It covered the following aspect such as Need of law in nursing, Types of torts, DO'S and DON'T for safe practice, Importance of law to the nurses, Function of nurse manager in legal issues.

Section B: It covered the following aspect such as Needs of nursing ethics, Ethical principle, ICN code of nursing ethics, Purpose of code of ethics in nursing, Rights of patient and nurses, Code of ethics for nurses in India, Functions of administrators in ethical issues

7. Data analysis and interpretation
The collected information was organized and the results are presented in 4 sections:

PART I: Distribution of demographic characteristics of staff nurses.

PART II: Assessment of knowledge level regarding Legal and Ethical Aspects among staff nurses.

PART III: Analysis of effect of Structured Teaching Program on knowledge level regarding Legal and Ethical Aspects among staff nurses.

PART IV: Association between pre-test and post – test knowledge level with selected demographic variables among staff nurses.

PART I: Distribution of Demographic Characteristics of Staff Nurses.

Table1: Frequency and Percentage Distribution According to Demographic Characteristics of the Staff Nurses.

n=30

S. NO	DEMOGRAPHIC DATA	CATEGORY	FREQUENCY (N)	PERCENTAGE (%)
1	Age	20years-29years	10	33.3
		30years-39years	11	36.7
		40years-49years	7	23.3
		≥50years	2	6.7
2	Gender	Male	4	13.3
		Female	26	86.7
3	Qualification	G.N.M	15	50
		P.B.BSc.Nursing	7	23.3
		B.Sc.Nursing	8	26.7
4	Area of working	OPD	3	10
		Emergency ward	3	10
		General ward	6	20
		Other	18	60
5	Years of experience	Less than 1years	4	13.33
		1-5years	6	20
		More than 5-10years	11	36.7
		More than 10years	9	30
6	Previous knowledge	No	24	80
		Yes	6	20

PART II: Assessment of knowledge level regarding Legal and Ethical Aspects among staff nurses.

Table 2: Assessment of Knowledge of staff nurses regarding Legal and Ethical Aspects among staff nurses.

n=30

LEVEL OF KNOWLEDGE	SCORE	FREQUENCY	PERCENTAGE
Inadequate	0-7	4	13.3%
Moderate	8-14	26	86.7%
Adequate	15-20	0	0

The table above shows the pre-test knowledge score of 30 subjects, 4 (13.3%) had inadequate knowledge, 26 (86.7%) had moderate knowledge.

Table 3: Assessment of Knowledge level of staff nurses regarding Legal and Ethical Aspects among staff nurses.

n=30

LEVEL OF KNOWLEDGE	SCORE	FREQUENCY	PERCENTAGE
Inadequate	0-7	0	0
Moderate	8-14	10	33.3%
Adequate	15-20	20	66.7%

The table above shows the post-test knowledge score of 30 subjects, 10 (33.3%) had moderate knowledge and 20 (66.7%) had adequate knowledge.

PART III: Analysis of effect of Structured Teaching Program regarding Legal and Ethical Aspects among Staff Nurses.

Table 4: Analysis of mean, SD and mean percentage of pre-test and post-test knowledge score

n=30

Total	Min- Max score	Pre-test knowledge			Post-test knowledge		
		Mean score	Percentage	SD	Mean score	Percentage	SD
	0-30	10.30	34.3%	1.70	15.06	50.2%	1.41

The above table displays the comparison of mean, SD and percentage of pre-test and post-test knowledge scores. It reveals that the mean percentage of pre-test score was 34.3% with total mean and SD 10.30 ± 1.70, which was increased in post-test as mean percentage score of 50.02% with total mean and SD 15.06 ± 1.

Table 5: Comparison of pre-test and post-test knowledge scores among staff nurses regarding Legal and Ethical Aspects using Paired t- test.

Category	Mean	SD	Mean difference	Df	Paired t value	P value
Pretest	10.30	1.70	4.76	29	23.35	.000
Posttest	15.06	1.41				

**Significance at 0.05 level

The above table shows the comparison of knowledge regarding Legal and Ethical Aspects among staff nurses before and after Structured Teaching Program. The mean pretest knowledge score regarding Legal and Ethical Aspects was 10.30 with a standard deviation of 1.70. After giving STP the mean score was increased to 15.06 with a standard deviation of 1.41. Increased in knowledge score was statistically tested by paired t test. The calculated t value 23.35 is significant with the degree of freedom of 29 at p<0.05 which shows that STP was effective for improving the knowledge among staff nurses.

PART IV: Association of Pre-test and post Knowledge among Staff nurses with Selected Demographic variables.
**NS-Not Significant
The association of pre-test knowledge score of staff nurses with selected demographic variables like Age, Qualification, Area of working, Years of experience in clinical area. The association was statistical tested by chi square. It indicated that the chi square values computed between the knowledge score and age (χ^2 =7.31), qualification ($\chi^2 = 4.57$), area of working ($\chi^2 = 2.58$), and years of experience ($\chi^2 = 5.43$) were found to be statistically non-significant at 0.05 level of significance.

The association of post-test knowledge score of staff nurses with selected demographic variables like Age, Qualification, and Area of working, years of experience in clinical area. The association was statistically tested by chi square. It indicated that the

chi square values computed between the knowledge score and age (χ^2 =1.79), qualification (χ^2 = 6.06), area of working (χ^2 = 0), and years of experience (χ^2 = 1.58) were found to be statistically non-significant at 0.05 level of significance.

8. Discussion–

In the present study, on assessing the pre-test knowledge level of staff nurses regarding Legal and Ethical Aspects, 4 (13.3%) had inadequate knowledge, 26 (86.7%) had moderate knowledge and no one had adequate knowledge.

This study was supported by adescriptive study conducted to assess the knowledge and practice regarding Legal and Ethical Aspects among Staff Nurses. The study was done among 50 staff nurses of Civil Hospital, Phase-6, and Mohali. The majority of subjects 41 (82.00%) had average level of knowledge regarding legal and ethical aspects and 48 (96.00%) had good level of practice.

The second objective of the study states that to assess the effectiveness of Structured Teaching Program on knowledge level regarding Legal and Ethical Aspects among Staff nurses.
The mean pre-test score regarding legal and ethical aspects was 10.30 and in the post-test 15.06. The overall improvement was significant at P<0.05. This result shows that there is significant improvement in knowledge level of staff nurses in post-test after structured teaching program.

The finding of the study was supported by an effectiveness of structured teaching program regarding knowledge on ethical and legal issues in Nursing among staff nurses working at selected hospitals at Bangalore. 50 staff nurses were selected using convenient sampling method was used to select the samples. Information was collected from 50 staff nurses regarding ethical and legal issues in Nursing by using the structured knowledge questionnaire. STP was implemented and post-test was conducted after 7 days to find the effectiveness. Study findings showed that pre-test knowledge scores were found to be 43.05% and after STP the post-test knowledge scores

of staff nurses was found to be 77.45% which is enhanced by 34.4%. With the t-test value 25.96* and chi square value 80.18* which is significant at 5% level. Hence the result has proved that STP was effective in improving the knowledge of staff nurses on ethical and legal issues in Nursing.

9. Conclusion-

The difference between pre-test and post test score revealed that structured teaching program is effective in improving knowledge regarding Legal and Ethical Aspects in Nursing.

10. Reference

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