"EFFECTIVENESS OF NURSE LED EDUCATIONAL INTERVENTION ON KNOWLEDGE REGARDING NARCOTIC DRUGS AND PSYCHOTROPIC SUBSTANCES MEDICATION PROTOCOLS"

Mr. Ashok Kumar*

M.Sc. Nursing Final Year, Department Of Medical Surgical Nursing, SAIMS College Of Nursing, Indore. (M.P.) *Corresponding Author

Mr. Nilesh Mishra

Assistant Professor Of Department Of Medical Surgical Nursing, SAIMS College Of Nursing, Indore. (M.P.)

ABSTRACT This research study was undertaken to assess the effectiveness of nurse led educational knowledge regarding narcotic drugs and psychotropic substances medication protocols among nursing students at selected college of nursing Indore, M.P. The target population consist of nursing student, sample size are 60 nursing students, and Non-probability convenient sampling technique was used. Demographic variables was used. The mean score of nursing students regarding narcotic drugs and psychotropic substances medication protocols is 11.17 in pre-interventional & post-interventional mean score is 18.50, mean difference of narcotic drugs and psychotropic substances medication protocols was 7.33 with Standard Deviation was 2.86 of pre-interventional and 2.05 is Standard Deviation of post-interventional, & calculated 't' value is 25.56 at df 59 which is higher than the tabulated 't' value 2.00 at 0.05 level of Significance. The study concluded that knowledge of narcotic drugs and psychotropic substances medication protocols of nursing students is not satisfactory or up to the mark but when compared pre-interventional and post-interventional.

KEYWORDS : Effect, Knowledge, Narcotic Drugs And Psychotropic Substances, Nursing Students, Medication Protocols And Nurse Led Educational Intervention, Evaluatory Approach.

INTRODUCTION

The expression "narcotics" got from the Greek "narke" that signifies "numbness or slowness. Narcotics mean any medication that produces sleep or daze mitigates torment, because of its depressant impact on the central nervous system. The Narcotic Drugs and Psychotropic Substances (Amendment) Bill, 2011 presented in Lok Sabha on 8 September, 2011, was alluded to the Committee on 13 September, 2011 for assessment and report subsequently, by the Speaker, Lok Sabha under principle 331E of the Rules of Procedure and Conduct of Business in Lok Sabha. Majority of Indian nurses use narcotic drugs and psychotropic substances protocols do not follow so also harm full and effect on patient. Involving nursing student's right from production to distribution and administration, opportunity while also creating a huge social impact by providing access to better health conditions.

A study was conducted by Rini Mini Tomas (2017), done in Indore, (M.P.) to decide led study was to evaluate the information level of ICU Nurses with respect to narcotic drugs and psychotropic substances conventions. 50 ICU Nurses were chosen through the purposive inspecting procedure and their insight level was evaluated by organized information survey. Mean and standard deviation of information score was determined in which, the mean worth was 8.3 and the standard deviation was 1.89. That revealed the pre-test mean knowledge and SD of the ICU staff nurse regarding narcotic drugs and psychotropic substances protocols was 8.3+/-1.89, which increased in post-test to 10.6+/-1.05 and conclude that the SIM was effective in improving knowledge of ICU staff nurse.

OBJECTIVE OF THE STUDY

- To assess the pre-interventional knowledge regarding Narcotic Drugs and Psychotropic Substances medication protocols nursing students.
- To assess the post-interventional knowledge regarding Narcotic Drugs and Psychotropic Substances medication protocols among nursing students.
- To assess the effectiveness of nurse led educational intervention on knowledge regarding Narcotic Drugs and Psychotropic Substances medication protocols among nursing students.
- To find the association between pre-interventional knowledge of nursing students regarding Narcotic Drugs and Psychotropic Substances medication protocols with their selected demographic variables.

RESEARCH HYPOTHESES

At the level of significance $P \leq 0.05$

- RH₀₁:** There will be no significance difference between the mean pre-interventional and the mean post-interventional knowledge score regarding Narcotic Drugs and Psychotropic Substances

medication protocols among nursing students.

- RH₀₁:** There will be a significant difference between the mean pre-interventional and the post-interventional knowledge scores regarding Narcotic Drugs and Psychotropic Substances medication protocols among nursing students.
- RH₀₂:** There will be a significant association between the mean pre-interventional knowledge among nursing students with selected demographic variables.

METHODOLOGY

An evaluative approach was used and research design is pre-experimental one group pre-test post-test was adopted for this study. The target population consist of nursing students studying in B.Sc. Nursing 3rd Year and B.Sc. Nursing Final Year, The samples size comprised of 60 nursing students taken by non-probability convenient sampling technique. Demographic variables was used.

RESULTS

The result of this indicates that there was a significant increase in the Post-interventional knowledge scores compared to Pre-interventional scores of knowledge regarding Narcotic Drugs and Psychotropic Substances medication protocols among nursing students. The mean and SD Knowledge score was observed 11.17±2.86 in the pre-interventional and after administration of Nurse Led Educational Intervention (Structured Teaching Programme) the post-interventional mean and SD was observed with 18.50±2.05 and mean percentage is 62.36%.

Table No:02 Frequency and percentage distribution of selected demographic variables of Nursing Students.

S. No.	Demographic Variables	Particular	Frequency (f)	Percentage (%)
1.	Age	A. 18-20 years	18	30
		B. 21-23 years	42	70
		C. 24 and above	00	00
2.	Gender	A. Male	15	25
		B. Female	45	75
3.	Marital Status	A. Married	01	1.7
		B. Unmarried	59	98.3
4.	Educational Status	A. B.Sc. Nursing 4th Year	30	50
		B. B.Sc. Nursing 3rd Year	30	50
5.	Previous knowledge about narcotic drugs and psychotropic substance?	A. No	16	26.67
		B. Seminar	44	73.33

Figure-1:3D Clustered Column diagram shows categorical comparison between pre and post interventional knowledge regarding Narcotic Drugs and Psychotropic Substances medication protocols.

CONCLUSION

Thus the study was effective that after completion of the examination (pre-interventional and post-interventional) total knowledge of individual considered at 100% in which 37.64% was existing knowledge before study and average gain in knowledge after intervention was 62.36%. Furthermore, Nurse Led Educational Intervention (Structured Teaching Programme) regarding Narcotic Drugs and Psychotropic Substances medication protocols among nursing students may consider as an effective tool when there is a need in lacking.

LIMITATIONS

- The study is limited to knowledge of the nursing students at selected College of Nursing.
- The sample size was small to generalize the findings of study.

REFERENCE

1. Black, J. M. & Hawks, J.H. (2005). Medical Surgical Nursing. 10th edition. Philadelphia: WB Saunders Publication.
2. Kothari, C.R. & Garg, G. (2009). Research Methodology. 3rd edition. Jalender: New Age International Private Limited Publishers.
3. Lal & Joshi. (2008). Educational psychology and Elementary Statistics. Meerut: R. Lal Book Depot.
4. Polit, D.F. & Back, C.T. (2010). Essential of Nursing Research: Appraising Evidence for Nursing Practice. 7th edition. New Delhi: Wolters Kluwer Health.
5. Rini Mary Thomas (2017). Knowledge assessment regarding Narcotic Drugs and Psychotropic substances protocols among ICU Staff Nurses www.allscientificjournal.com Volume 2; Page No. 55-58
6. Denison Davies E, Schneider F, Childs S, et al. (2011). A prevalence study of errors in opioid prescribing in a large teaching hospital. *International Journal Medicine, Int J Clin Pract.* ; 65:923–929. [PubMed] [Google Scholar].
7. American Heart Association (2014). Narcotic Drugs and Psychotropic Substances. Retrieved from <http://www.NDPS.org>.
8. Narcotic prescribing policy. (2016). Available from URL: <http://www.painchas.com/wp-content/uploads>.
9. http://shodhganga.inflibnet.ac.in/bitstream/10603/12884/7/07_chapter%2012.Pdf.