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The Knowledge and Practice of Staff Nurses Regarding Nursing Care for Myocardial Infarction Patients

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I. STATEMENT OF THE PROBLEM

A descriptive study to assess the Knowledge and Practice of staff nurses Regarding Nursing Care for Myocardial Infarction Patients in the first 24 hours in selected hospital in Indore city"

A. Objective

1) To assess the knowledge of staff nurses regarding nursing care for myocardial infarction patient in first 24 hours.
2) To assess the practice of staff nurses regarding nursing care for myocardial infraction patient in first 24 hours.
3) To find out association between knowledge and practices with selected demographical variable.

B. Hypothesis

H1 -There will be significant association between the knowledge and practice of staff nurses regarding nursing care for myocardial infraction patient in the first 24 hours with selected socio-demographic variables.

C. Conceptual Framework

Interrelated concepts or abstractions that are assembled together in some rational scheme by virtue of their relevance to a common theme are referred to as conceptual framework.
(Polit, D.F. and Hungler, B.P. (1999).
The present study aimed at evaluating the knowledge of ICU staff nurse first 24 hours care of patient with myocardial infraction admitted in selected hospital in Indore."The conceptual framework taken for the present study is based on General System Theory given by Ludwig Von Bertalanffy in 1968. According to this theory, a system is a group of elements that interact with one another in order to achieve the goal. An individual is an open system because he receives input from the environment. This input when processed provides an output.
All living systems are open. There is a continuous exchange of matter, energy and information. The system is cyclical in nature and continues to be so, as long as the four parts input, process, output and feedback keep interacting with each other. If there are the changes in any of the parts, there will be alteration in all other parts. Feedback from within the system or from the environment provides information, which helps the system to determine its effectiveness.

II. METHODS

This is a descriptive hospital-based study conducted in 2 hospitals in Indore at cardiac care unit and emergency department and it included 200 nurses. The assessment was performed by using a questionnaire for knowledge and check list for practice assessment.

III. RESULTS

Out of 200 participants, females were 71%, most nurses had experience of 5-10 years and they were represented by 60.5%. Mean of total knowledge was found very good, when compared to mean of practice which was moderate. They showed high knowledge about risk factors of MI and less knowledge about medications.
The practice was very good in regard to connecting monitor (86%) and checking vital signs (85.5%), but poor in the aspect of oxygen administration (43%) and Inserting urinary catheters (24.5%). Experience found significantly associated with oxygen administration (0.05), giving pain killers and thrombolysis (0.041).

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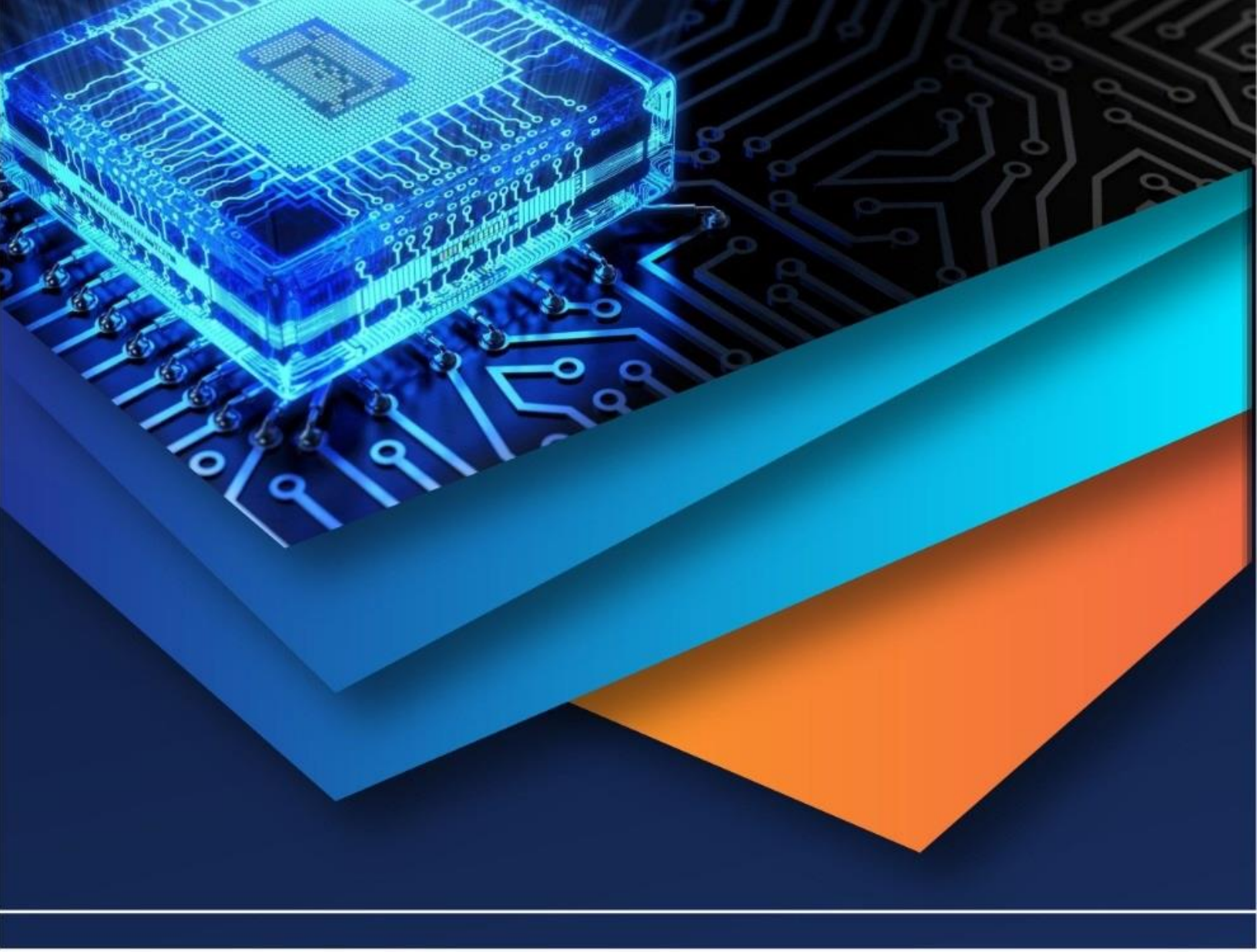
IV. CONCLUSION

The study showed good knowledge, but moderate practice suggesting increasing the practice to be compatible with nurses' knowledge

REFERENCES

[1] Joyce M. Black, Jane Hokanson hawks. TEXT BOOK OF MEDICAL SURGICAL NURSING, Philadelphia: Nursing Elsevier company, 7th edition, 1701 and 07, 2002.
[2] Brunner and Suddarth's. TEXT BOOK OF MEDICAL SURGICAL NURSING, Philadelphia Lippincott Company, 10th edition, 793, 2004.
[3] WHO recommended Prevention of heart diseases, Geneva, 2005.
[4] Rajesh pande. "Cardio Vascular diseases in India" JOURNAL OF HEALTH PROMOTION OF EDUCATION IN SOUTH EAST ASIA 21:3,1-9, 2006.
[5] Padmavathi S. "A concerned effort in prevention of heart diseases in India", JOURNAL OF HEALTH PROMOTION OF EDUCATION IN SOUTH EAST ASIA. 21:3, 2-3, 2006.
[6] "Cardio Vascular diseases in America". JOURNAL OF HEALTH PROMOTION OF EDUCATION IN SOUTH EAST ASIA. 21:3, 23, 2006.
[7] Densie F. Polit, Benedeth P. Hungler. NURSING RESEARCH PRINCIPLES AND METHODS, Philadelphia: Lippincott company 6th edition, 79, 1999.
[8] Vasantha Kumari K. "Knowledge of sedentary workers on Myocardial Infarction in Raichur". Unpublished thesis these Rajiv Gandhi University of health sciences Bangalore, 2006.
[9] Konki Jhansli laxmi bai. "Knowledge of nursing personnel on first 24 hours care of patients with Myocardial infarction in Hyderabad". Unpublished thesis NTR University of health sciences Vijay Wada. September 2002.
[10] Chemukulla samyuktha "Knowledge regarding ventricular arrhythmias among nurse working in intensive coronary care units at selected Hospital Twin cities, A.P". Unpublished thesis NTR University of health sciences Vijayawada. 2006.
[11] Sunita P.S. "Knowledge and practices of Nursing personnel's on immediate post operative care of cardiac surgery patient on ventilator in Hyderabad". 1998.
[12] Dr. Raj Sekar. "Knowledge and skills on electrocardiogram." INDIAN JOURNAL OF MEDICAL SCIENCES, 58:11, 465-67, 2002.
[13] Suvitha R.A "Knowledge of degree and diploma staff on electrocardiogram in Tamil Nadu." SNA Binnial. conference, 13:19-20. Sep 2002.
[14] Steffeninog. et al. "Risk factors life habits and personal belief of nurses and nursing students about cardiovascular prevention in Italy." ITALY HEART GENERAL SUPPLEMENT, 6:3, 172-7, 2005.
[15] Broers C I et. al. " Nursing practioner equally as good as resident in the treatment of stable patients after recent Myocardial Infarction." DUTCH JOURNAL; NED TIJDSCHR GENEESKD, 150:46, 2544-48, 2008.
[16] Thompson DR et. al. "Coronary care unit patients and nurses rating intensity of ischemic chest pain in Sutton". Intensive care Nursing. 10(2):83-8, 1994.
[17] Arnetz J.E at. al. "Physicians and nurses perception of patients involvement in Myocardial Infarction care". EUROPEAN JOURNAL FOR CARDIO VASCULAR NURSING, 7:2, 113-16, 2008.
[18] Sathya Rani S. "Effectiveness of Structured teaching programme on electrocardiogram among the final year B.Sc Nursing students in selected Nursing Institute in Raichur", Unpublished thesis Rajiv Gandhi University of Health Sciences, Bangalore. 2005.



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