ARRHYTHMIA INTERPRETATION AMONG NURSING STUDENTS

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ABSTRACT

Arrhythmias are disorders of the formation or conduction of the electrical impulses within the heart . It is an irregular heartbeat .Heart rhythm problems occur when the electrical signals that coordinate the hearts beats do not work properly. The faulty signaling causes the heart to beat too fast tachycardia too slow bradycardia or irregular. The term electrocardiogram was introduced by William Einthoven in 1893 at a meeting of the Dutch medical society.

Key Words: Effectiveness, Knowledge, Structured Teaching Program

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INTRODUCTION

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PROBLEM STATEMENT

"A study to assess the effectiveness off structured teaching program on knowledge regarding arrhythmia interpretation among nursing students at selected college of nursing ,district Rajnandgaon ,Chhattisgarh."

OBJECTIVES

To assess the level of knowledge regarding arrythmia interpretation among nursing students.

To assess the effectiveness of structured teaching program among nursing students .

To associate the level of knowledge among nursing students regarding arrhythmia interpretation with their selected demographic variables.

RESEARCH HYPOTHESIS

Ho – There will be no significant difference between pre-test and post-test level of knowledge regarding arrhythmia interpretation among nursing students.

H1- There will be significant difference between pre-test and post-test level of knowledge regarding arrhythmia interpretation among nursing students.

H2- There will be significant association between levels of knowledge regarding arrhythmia interpretation among nursing students with selected demographic variables .

METHODOLOGY

In this study quantitative research approaches is adopted. Research design is pre-experimental one group pre-test, post-test design, population for the study Bsc. Nursing 2nd year and 3rd year students of selected college of nursing Rajnandgaon (C.G.)., and setting is Govt. college of nursing Rajnandgaon and confluence college of nursing Rajnandgaon (C.G.).Sampling technique is non probability convenience sampling and sample for the study is Bsc. Nursing 2nd and 3rd year students sample size is (N-100) .Data collection method is pre-test By questionnaire and structured teaching programme for Experimental group on arrhythmia interpretation and basic of ECG interpretation, and

post-test by questionnaire .Data analysis and interpretation is done through descriptive & inferential statistics.

RESULTS

The maximum 68% students were between the age of 19-21 year ,26% subjects were between the age of 22-24 and 6% subjects were between the age of 25-27 year, maximum 96% subjects were female and only 4% subject were male, maximum 93% subjects were unmarried and only 7% subjects were married., maximum 86% subjects were from government institution and 14% subjects were from private institution., 50% subjects were from Bsc. Nursing 2nd year and 50% subjects were from Bsc.nursing 3rd year., maximum 90% subjects had previous year percentage were between 56% - 75% ,6% were between >75% and 4% were between 46%-55%., maximum 53% subjects were attending training program., maximum 94% subjects had family history of cardiac disease., maximum 63% subjects had sources of knowledge i.e., classes \ workshop \conference \online class and 27% had sources of knowledge i.e., books\ journals \information booklet.

CONCLUSION

This study was undertaken to assess the effectiveness structured teaching program on knowledge regarding arrhythmia interpretation   among nursing students at selected college of nursing , district Rajnandgaon Chhattisgarh. The study was conducted in a relatively small sample of 100 nursing students . Data were collected through questionnaire Chi square test had applied for data analysis . this study clearly portrays that majority of the students had average knowledge . there were statistically significance difference between the mean knowledge score and age ,marital status and institution.

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