



ORIGINAL RESEARCH PAPER

Nursing

A PRE-EXPERIMENTAL STUDY TO ASSESS THE EFFECTIVENESS OF VIDEO ASSISTED TEACHING PROGRAMME ON KNOWLEDGE REGARDING ELECTRONIC PATIENT HEALTH RECORDS AMONG B.SC. NURSING INTERNSHIP STUDENTS IN SELECTED NURSING COLLEGE OF INDORE

KEY WORDS: Assess, knowledge, video assisted teaching programme, electronic patient health records, and B.Sc. Nursing internship students.

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ABSTRACT

BACKGROUND: Electronic patient health records are the one of the main recommendation form the NABH Accreditation for those hospitals, who are maintaining medical records for both inpatients and outpatients. Researchers have examined the benefits of electronic patient health records by considering clinical, organizational, and societal outcomes. Clinical outcomes include advancements in the quality of care, a reduction in medical errors, and other improvements in patient-level measures that describe the appropriateness of care. As the nursing students are the buds of nursing, by providing basic knowledge about electronic patient health records, can help them to compete with the emerging trends of today's health field.

STATEMENT OF THE PROBLEM

"A pre-experimental study to assess the effectiveness of Video Assisted Teaching Programme on knowledge regarding Electronic Patient Health Records among B.Sc. Nursing internship students in selected Nursing college of Indore."

OBJECTIVES OF THE STUDY

The main objectives of the study were to assess the level of knowledge regarding Electronic Patient Health Records among B.Sc. Nursing internship students.

- To assess the level of knowledge regarding Electronic Patient Health Records among B.Sc. Nursing internship students.
- To prepare & develop video assisted teaching programme on Electronic Patient Health Records among B.Sc. Nursing internship students.
- To evaluate the effectiveness of Video Assisted Teaching Programme on knowledge regarding Electronic Patient Health Records among B.Sc. Nursing internship students.
- To determine association of the pre-test knowledge scores with selected socio demographic variables of B.Sc. Nursing internship students.

METHODOLOGY

A quantitative research approach with pre-experimental one group pre-test post-test research design was used in the study, 60 B.Sc. Nursing internship students in Bombay Hospital College of Nursing, Indore (M.P.) were selected by non-probability sampling technique.

MAJOR FINDINGS

- Demographic data revealed that most of B.Sc. Nursing internship students 32 (53.33%) belonged to age group from 20 to 21 year (20 to 21), whereas 19 (31.67%) belonged to age group from 22 to 23 year (22 to 23), 09 (15%) belonged to age group from 24 years and above. 34 (56.67%) of B.Sc. Nursing internship students knew three languages, whereas 16 (26.67%) of them knew two languages & 10 (16.66%) of them knew more than three languages. 42 (70%) B.Sc. Nursing internship student's mother tongue was Malayalam, whereas 15 (25%) mother tongue was Hindi & 03 (5%) mother tongue was other than Malayalam & Hindi. 18 (30%) B.Sc. Nursing Internship students had previous knowledge about electronic patient health records, whereas 42 (70%) did not have previous knowledge about electronic patient health records.
- Before administrating video assisted teaching programme, 53 (88.34%) B.Sc. Nursing internship students had average level of knowledge, 07 (11.66%) students were have below average level of knowledge & no one of them knowledge had at level of above average or good level of knowledge regarding Electronic Patient Health Records.
- Post- test level of knowledge score revealed that 39 (65%) B.Sc. Nursing Internship students had above average level of knowledge & students were had good level of knowledge, 19 (31.66%) students had good level of knowledge whereas 02 (3.33%) had average level of knowledge. No one of them had below average level of knowledge regarding Electronic Patient

Health Records after administration of video assisted teaching programme.

- Pre & Post- test mean score of levels of knowledge regarding Electronic Patient Health Records of B.Sc. Nursing internship students data shows that post-test (14.6, S.D.±1.81) mean score was higher than pre-test means score (7.284, S.D.±2.10). The mean difference between pre-test & post-test was 7.316. The computed paired 't' value 22.0561 (2.0010, P
- The calculated chi-square value show the significant association of pre-test knowledge score with age ($X^2 = 10.7$, $df=2$), language's known ($X^2 = 12.7$, $df=2$) & mother tongue ($X^2 = 6.46$, $df=2$) at the level of 0.05, hence the research hypotheses H_{a2} is accepted & null hypotheses H_{o2} is rejected.
- The calculated X^2 show not significant association with pre-test knowledge scores with previous knowledge about EPHRs of B.Sc. nursing internship students ($X^2 = 0.124$, $df=1$), hence in this socio demographic variable, null hypothesis is H_{o2} retained & research hypothesis H_{a2} is rejected.

CONCLUSION

Thus, it is concluded that the video assisted teaching programme regarding Electronic Patient Health Records was highly effective to increase knowledge of B.Sc. Nursing internship students.

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