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Research Article

A STUDY TO ASSESS THE EFFECTIVENESS OF STRUCTURED TEACHING PROGRAMME ON KNOWLEDGE REGARDING SWINE FLU (H1N1) AMONG NURSING STUDENTS AT SREE BALAJI COLLEGE OF NURSING

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A R T I C L E I N F O

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A B S T R A C T

This is a study attempting to find out the level of knowledge amongst nursing college students and the role of structured teaching has any significance in improving their knowledge level

INTRODUCTION

Swine Flu or the Influenza A (H1N1) flu, an acute respiratory disease of the pigs, is caused by one of the numerous swine influenza A strains and is highly contagious .The transmission of the virus is from person-to-person and is similar to the manner in which seasonal influenza spreads. The typical incubation period found for influenza is 1 to 4 days, with an average of 2 to 3 days. The symptoms of this form of virus includes sore throat, chills severe headache, coughing, weakness and general discomfort like those of influenza. However, some individuals with swine flu have shown serious respiratory illness, including pneumonia or respiratory failure leading to death. Persons suffering from chronic medical conditions like heart disease, diabetes etc., and pregnant women are at higher risk for complications from swine flu.

Objectives of the Study

1. To assess the pre test knowledge regarding Swine Flu(H1N1) among nursing students.
2. To assess the post test knowledge regarding Swine flu (H1N1) among the college of nursing.
3. To evaluate the effectiveness of Structured Teaching Program on Swine Flu (H1N1) among nursing students.
4. To find the association between post test knowledge of Swine Flu (H1N1) among nursingwith selected demographic variables.

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METHODOLOGY

Evaluative research approach and pre experiment one group pre test post test design was used. Non probability convenience sampling technique was used to select the sample of the study. The total sample consists of 60 college of nursing students with age group 17-26 years studying in SreeBalaji College Of Nursing, Chrompet, Chennai.

RESULTS

In pre test among 60 samples of college of nursing students, majority of college of students (8%) in inadequate knowledge level,(55%) in moderate knowledge level, (37%) in adequate knowledge level. In post test majority of the samples experienced adequate level of knowledge (95%), and (5%) moderate knowledge level, (o%) had inadequate level. The mean value is 13.63 before structured teaching programme and 16.75 after structured teaching programme. The standard deviation is 2.28 before structured teaching programme and 1.88 after structured teaching programme. The difference of mean is 13.12. To test the significance 't' test was applied. The overall paired 't' test value is 7.68 which reveals that is significant($P<0.001$) in effectiveness of structured teaching programmeamong college of nursing students.

Overall the knowledge	Mean	Mean difference	S D	'T' value	DF	'P' Value
Pre test	13.63	2.85				
13.12 7.68	18	0.001				
Post test	16.7	1.88				

CONCLUSION

The following conclusions are drawn from the findings of the study. The colleges of nursing students have inadequate knowledge in H1N1 before structured teaching programme. The investigator analyzed the data, there was significance improvement in post test knowledge score. The knowledge improvements mean score was, represents the comparison of mean, standard deviation of pre test and post test knowledge and paired't' test value 7.68 regarding H1N.The pre test knowledge and score is and post test knowledge score is and obtained 't' value statistically significant at this indicates that the mean difference of it is hypothesized that as there is significant ($P<0.001$) in effectiveness in structured teaching programme among college of nursing students.

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