A Study to Assess the Effectiveness of Structured Teaching Programme on Knowledge regarding Plotting of Partograph among Staff Nurses working in Maternity Units of Ananta Institute of Medical Science and Research Centre Hospital, at Udaipur City

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Abstract: *"It is refreshing to know that for all the billions of times it has occurred, the birth of a child, like the wonder inspired by a sunset, can never be tarnished by repetition."*

Keywords: Structured teaching Programme, Effectiveness, Knowledge, Partograph, Maternity nurses

1. Background of the Study

Maternal mortality remains one of the major problem in public health today, especially in developing countries where maternal mortality is estimated to be 100 times higher than in developed countries. So partogram has been considered as one of the valuable tool in improvement of intrapartam services worldwide and improving the nurses knowledge on charting partograph is the core of this study.

2. Statement of the Problem

"A study to assess the effectiveness of structured teaching programme on knowledge regarding plotting of partograph among staff nurses working in maternity units of Ananta Institute of Medical Science and Research Centre Hospital, at Udaipur city".

3. Objectives of the Study

1) To assess the pre test knowledge scores regarding plotting of partograph among staff nurses working in maternity units of Ananta institute of medical science and research centre, at Udaipur city.
2) To assess the effectiveness of structured teaching programme by assessing post test knowledge scores regarding plotting of partograph among staff nurses working in maternity units of Ananta institute of medical science and research centre, at Udaipur city.
3) To find the association between pre test knowledge scores with the selected demographic variables regarding plotting of partograph among staff nurses working in maternity units of Ananta institute of medical science and research centre,, at Udaipur city.

4. Methods

One group pre-test and post-test design with pre – experimental design was used to assess the effectiveness of structured teaching programme on partograph among staff nurses working in maternity units of Ananta institute of medical science and research centre, at Udaipur city.

In view of the nature of the problem and to accomplish the objectives of the study, a structured teaching programme was prepared focusing on partograph; a structured questionnaire was prepared to assess the effectiveness of structured teaching programme.

Reliability of the tool was tested and validity was ensured in consultation with guides and experts in the fields of nursing and Medicine.

The study was carried out in Ananta Institute of medical science and research center, Udaipur. 60 maternity nurses were selected by Non probability convenient sampling technique. Data was collected by administering structured questionnaire before and after the implementation of structured teaching programme. Data were analyzed by using descriptive and inferential statistics and represented in graphs and tables.

5. Results

With regard to the pre-test knowledge assessment, the mean was 7.33 and mean percentage was 29.32 percent and SD was 2.287. In post-test significant increase in knowledge was found. However the mean percentage of knowledge score had improved from 29.32 percent in pre-test to 90.80 percent in post-test. In the present study, the knowledge scores of staff nurses were found to be significant with the demographic variables that is age group, educational qualification, clinical experience, previous source of information and in service programme attended. Hence it indicates that there is association between the knowledge scores of nurses and selected demographic variables.

6. Interpretation & Conclusion

Further, effectiveness of STP was tested by inferential

statistics using the paired 't' test. A significant difference 19.57 (P<0.005) was found between pre and post-test knowledge scores of respondents indicating significant increase in knowledge after STP. Hence, hypothesis h_1 is accepted and STP was found to be effective in improving the knowledge of maternity nurses.