

Assess the Effectiveness of Lecture cum Demonstration on Neonatal Resuscitation among B.Sc Nursing Students

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Abstract

Nursing education which is the skill of art and science where the nursing students exhibit their performance as an outstanding quality education. The purpose of the study is to assess the level of knowledge as a novel person in the pediatric student .this study proves the students got moderately adequate knowledge. The student continues in skill training them expert in the nursing care.

Key words: Lecture Cum Demonstration; B.Sc. Students; Neonatal Resuscitation; Effectiveness.

Introduction

About 0.76 million neonates die every year in India, the highest for any country in the world. The neonatal mortality rate (NMR) of the country did decline from 52 per 1000 live births in 1990 to 28 per 1000 live births in 2015 but the rate of decline has been slow, and lags behind that of infant and under-five child mortality rates. Pointing out that one-third of all neonatal deaths occur on the first day of life (almost half within three days and nearly three-fourths within the first week), the report underlines the need for early and immediate care during and after childbirth. The first few moments after birth are full of anxiety and rapid physiological adjustments. Most babies go through the transition successfully as a matter of routine; however 10 per cent of babies who do not start breathing immediately and spontaneously result in birth asphyxia and need assistance to initiate breathing. Competency in neonatal resuscitation is critical in the delivery rooms, neonatology units and pediatrics intensive care units to ensure the safety and health of neonates. Neonatal resuscitation is effective only when health professionals have sufficient knowledge and skills. However, due to lack of skilled health professionals, appropriate timely action is not taken in many health

settings to prevent the incidence. Lack of competency of health professionals is one of the impediments for saving the asphyxiated babies. Nurses being crucial health care providers available in the unit round the clock at all levels of health care delivery system can contribute significantly in promotion of newborn's health if they have adequate knowledge and skill in provision of newborn care. Thus improving their knowledge and making them competent in provision of resuscitation can help to identify and manage the asphyxiated baby in time and ensure intact survival of newborn baby. Nursing students requires adequate training and understanding for the timely and successful resuscitation measures to have adequate skills for prompt neonatal resuscitation technique.

Title: A pre experimental study to assess the effectiveness of lecture cum demonstration on neonatal resuscitation among 3rd year B.Sc nursing students, AIIMS, Rishikesh.

Objectives of the Study

To assess the effectiveness of lecture cum demonstration on neonatal resuscitation among 3rd year B.Sc nursing students, AIIMS, Rishikesh.

Methodology

A pre experimental one group post test only design was adopted to evaluate the effectiveness of lecture cum demonstration on neonatal resuscitation. The population was 3rd year nursing students. The accessible population was nursing students studying in AIIMS Rishikesh. A total of 46 students were

selected from 3rd B.Sc nursing by using non random convenient sampling technique. A tool was prepared after extensive review of various books, journals and articles. It includes 20 structured questions regarding neonatal resuscitation. A survey method was adopted to collect the data. Data was organized and tabulated for analysis. Descriptive and inferential statistics were adopted to analyze the data.

Findings of the Study

Score	Interpretation	Mean	Median	Standard deviation
0-6	Inadequate	8.1	8	2.53
7-13	Moderately adequate			
14-20	Adequate			

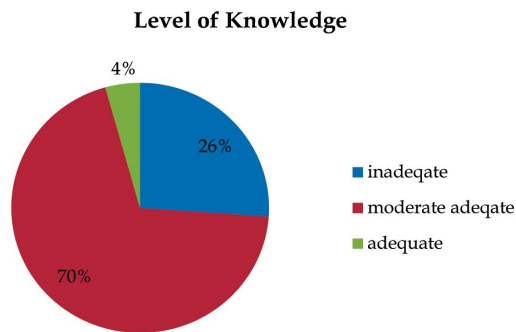


Fig. 1:

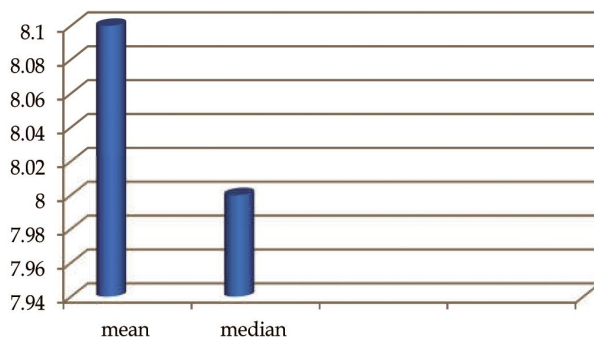


Fig. 1:

Result

From the above findings it was found that 3rd years B.Sc (Nursing) students are having moderately adequate knowledge regarding neonatal resuscitation after having lecture cum demonstration. The finding shows that mean score was 8.1 and median was 8 with standard deviation of 2.53. It is found that the post test was effective in improving their knowledge level among the 3rd year B.Sc Nursing students.

Conclusion

Newborn resuscitation is very important topic and important procedure to be demonstrated to all nursing students but 3rd B.Sc nursing students are particularly need to be focused more because they are working in the delivery room, postnatal and neonatal units with ward incharges during their clinical posting. So it requires accurate understanding about this procedure. Lecture cum demonstration is moderately affective in improving their knowledge on neonatal resuscitation. But students need more practice as the result showed only moderately adequate knowledge. So it is concluded that lecture cum discussion alone is not enough in improving their knowledge, they additional teaching method like vedio teaching, repeated demonstration, practice in the real setting on the topic.

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