

Investigate the Effect of Role Play on the Skill among 2nd Basic B.Sc. Students if SRMMCON Regarding Selected Community Procedure

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Abstract

Background: Home visiting is a service offered to pregnant mothers, children from birth to eight years old and their families in their homes. Home visits were found to enhance parenting, school readiness and health. Review of Home Visiting's history indicates that home visitors' roles and responsibilities have changed with the passage of time. Today's emphasis on family rather than individual, and on family control rather than a directive style means home visitors need more expertise, experience and versatility than ever before.

Objectives: Short term- To enhance students learning experience by using role play.

Intermediates: To develop innovative teaching learning approaches.

Long Term:

1. Using innovation in the health care settings by future nursing educators.
2. Apply skills in Futuristic Research.

Material and Method: Presents study is descriptive study conducted among 80 Students of Basic B.Sc. Nursing 2nd year by using non probability convenient sampling technique. The Checklist OSCE and feedback form was selected as tool for data collection.

Result: The mean score of Role play group is 9.32 and Non role play group 6.27 the essential skills are increased with use of role play. The comparison between two groups shows that calculated value is more than table value $t_{cal} = 16.51$ and $t_{tab} = 1.98$ $p=0.0001$ $p<0.05$ hence it is significant.

The Major: The analysis of the data of the study samples gives an idea about the general information about effectiveness if using role play.

Conclusion: After the detail analysis of the study, following conclusions were drawn. They require new innovative teaching learning interactive method to enhance their knowledge and create more interest in learning.

Keywords: Role play, home visiting, skill, community procedure.

Introduction

The viewpoint of educating new nurses should not necessarily be based on the readiness to think. Students must have the courage to address circumstances in

which human relationships are of great importance. At the same time, the capacity to discern the motives of other peoples plays an important role and is linked to the understanding of actual circumstances.

Nursing teachers need to redefine their teaching-learning dream. By encouraging them to research, argue and experiment with the challenges they will contribute to advancing nursing as a profession and discipline, if they emphasize the development of critical thinking and help students discover their analytic, critical, and reflective abilities. Role Play, developed as an experience-based form of learning, helps one to be more informed about the concerns posed above.

Home visiting is an evidence-based approach that is introduced in response to results from a need assessment that involves home visiting as a key service delivery approach that is delivered on a voluntary basis to pregnant women or children from birth to 5 years of age targeting participant outcomes in legislation that enhanced maternal and under five child health.

Nurse home visiting has been used for over 100 years as a care delivery method to improve family safety and well-being. Public health family home visiting is a voluntary maternal and child health intervention, ideally delivered prenatally and often beginning with a comprehensive public health nursing assessment. Trained home visitors provide health education and care giving support to families and connect them to community resources as needed. Families receive information on prenatal and infant care, child growth and development, effective parenting approaches, home safety, disease prevention and preventing exposure to environment hazards such as lead and second-hand smoke.

The aim is to help parents and their kids simultaneously. Evidence-based, voluntary home visit programs show potential benefits for kids, families, and the state.¹

Role play is a common stable, active learning technique commonly used in higher education. There are several different forms of role play for example simulation for teaching debates and court cases. The other styles are metaphorical role playing, in which students represent a real object such as biological molecule, and presentations in which students comment on a task or procedure.²

In the humanities and social sciences, simulation role play is often used to bring historic events to life, creating mock business environments and sparking ethical debates. Metaphorical role-playing, in which students represent specific parts of a process and interact

with each other, was particularly adopted in science to visualize abstract concepts such as respiration, photosynthesis and cell division.³

Home visits have been demonstrated to be effective in helping families, improving health status, achieving economic self-sufficiency, improving positive parenting, reducing child abuse, achieving goals such as child spacing, education and employment, and establishing links with community resources.

A home visit by a nurse is a family-nurse contact that enables the health worker to evaluate the home and family situations in order to provide the necessary nursing care and related health activities. In carrying out home visits, it is essential to prepare a visiting plan to meet the customer's needs and achieve the best outcomes desired.

Hypothesis:

H1: There is a significant increase in the skill regarding selected community procedure among Basic B.Sc. Nursing 2nd year students.

Objectives:

Short term: To enhance students learning experience by using role play.

Intermediates: To develop innovative teaching learning approaches.

Long term:

1. Using innovation in the health care settings by future nursing educators.
2. Apply skills in Futuristic Research.

Material and Method

The study involves nursing students of SRMM college of nursing, Sawangi (Meghe). The sample consists of 80 students. Non-Probability Convenient Sampling was the sampling technique used in this analysis. Objective structured clinical examination (OSCE) checklist and Feedback form were used as tool for data collection. Inclusion criteria included participants who gave consent, participated in the role play and present at the time of data collection. Spearman Brown's Formula was used for reliability. Initially the investigator gave them Didactic lecture, and showed them demonstration. After the lecture, she provided them with checklist OSCE score and feedback form. The second

group was given didactic lecture and then role play was used for this group. After session OSCE checklist was administered on both the groups separately.

The Major Findings: The analysis of data of the study samples gives an idea about the general

information about effectiveness if using role play. Study results were discussed with respect to research objective and study assumption.

Essential Skills Variables: Comparison of checklist OSCE score between role play and non-role play group

Group	N	Mean pretest score	Mean post score	Std. Deviation	Std. error Mean
Role play	40	3.11	9.32	0.58	0.093
Non role play	40		6.27	1.00	0.158

The table above shows a Mean RPG score of 9.3 and a Non RPG group of 6.27. So this means there is significant increase the essential skills of role play group.

Comparisons between two groups:

Students unpaired t test with both groups:

Calculated t value tcal	Df	p-value	Mean difference	Std. error difference
16.51	78	0.0001 S,p<0.05	3.02	0.18

The table above shows that the calculated value is more than the table value i.e. calculated t value, t cal – 16.51 and tabulated t value, t tab = 1.98 p=0.0001 i.e. p<0.05, hence it is significant.

Hence the hypothesis H1, that there will be a significant increase in the skill is accepted.

Implications: The study findings have implications in nursing practice, administration of nursing education as well as nursing research.

Practice in Nursing: Nurses can expand and extend their role in the primary health center and a direct care provider in nursing practice, thereby providing direct care. To prepare a nursing care plan, it is important that the person, primary health center and other health professional understand and implement this level of expertise. It would be beneficial for the community to do knowledge-based work.

Nursing Education: The nursing curriculum should focus on new teaching modalities, and both the teaching staff and nursing students will help improve their knowledge and practice in their area.

In Nursing Administration: The results of the study should be used by the nursing administrator in the

creation of strategies and initiatives that would require all nursing staff to engage actively in health education programs in their respective centre.

Nursing Research: The study would contribute to new innovative practice, problems solving in different difficulties faced. Research study may be conducted to bring awareness, and formulation of strategies and standard care for a number of prevalent public health, communicable and non-communicable entities⁴⁻⁸.

Nursing research is essential aspect of nursing as it uplifts the profession, develop new norms, and enhance the body of nursing knowledge. It also enhances the image and perception of nursing in society which is urgently needed for the nursing future.

The findings of the research can be further used in other research studies.

Recommendations: Based on the study findings, it is recommended that you conduct the following studies:

1. To replicate with a control group and a larger sample size.
2. To see the improvement in skill of nurses in relation to practice of health survey.

3. Periodic follow-up of the same study participants will assess the impact of time on trainees' retention of adopted skills, positive attitudes and practice.

Conclusion

From the results of this analysis the conclusions were drawn. Following the study's thorough review the conclusions were drawn. They need new creative interactive teaching method to develop their awareness and build greater interest in learning. WILCOXON Rank Test was applied for the comparison of role play group and non-role play group (OSCE score). This work has shown that the use of role play has a beneficial impact on the understanding of students about improving their motivation for learning. As discussed in this paper, the lectures followed the process of implementing role play and received positive feedback from the students throughout the process. This paper stresses the need for an active participative method of learning. The challenge is to balance this simplicity with our needs, to cover complex materials, to cater for different learning styles, to be accessible to students, to work within our often limited role and even to be entertaining. Teaching learning using Role play is highly challenging, often frustrating, and extremely time consuming, but it can have a dramatic impact on student learning when it is done well.

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Conflict of Interest: Nil.

References

1. Howard Ket al. The role of home-visiting programs in preventing child abuse and neglect. *Future of Children*. 2009; 19(2): 119-146.
2. Duffee J. Early Childhood Home Visiting. *American Academy of paediatrics*. 2017: 1-11.
3. McSharry G et al. 2000. Role-play in science teaching and learning. *School science review*. 82:73-82
4. Khandelwal, V, Khandelwal S et al. Knowledge of Hepatitis B Virus Infection and Its Control Practices among Dental Students in an Indian City. *International Journal of Adolescent Medicine and Health*, 2018 30(5).
5. Munjal, Ret al. Nasal Carriage of Staphylococcus Aureus among Undergraduate Medical Students: Prevalence and Antibiogram Including Methicillin Resistance, Inducible Clindamycin Resistance, and High-Level Mupirocin Resistance. *Journal of Datta Meghe Institute of Medical Sciences University*. 2018; 13(2): 91-94.
6. Rathi, A et al. Quality of Sleep among Medical Students: Relationship with Personality Traits." *Journal of Clinical and Diagnostic Research*. 2018; 12(9): VC01-4.
7. Sarode, Ret al. Psychological Pain as Predictor of Impulse Control among BAMS New Entrants: A Correlation Study. *Journal of Datta Meghe Institute of Medical Sciences University*. 2018 13(4): 171-74.
8. Srivastava, Tet al. Formative Assessment Classroom Techniques (FACTS) for Better Learning in Pre-Clinical Medical Education: A Controlled Trial. *Journal of Clinical and Diagnostic Research*. 2018 12(9): JC01-8.