

“Impact Of Advanced Training Program On Knowledge Regarding Community Based Rehabilitation Protocol Among Nursing Personnel Engaged In Community Health Services”- A Study Protocol

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Abstract

Background: In India almost 60-70% of its population is residing in rural and remote areas, where the services are yet to reach. Person with disabled face different kinds of barriers in accessing the health & rehabilitation services they require in several settings. Nursing personnel are the key person in community to deliver the various cares so that we need to train the nursing personnel for providing rehabilitative care.

Aim: To assess the impact of Advanced Training Program On knowledge regarding Community Based Rehabilitation Protocol among Nursing Personnel Engaged in Community Health Services.

Material &Method: Researcher will be used Quantitative research approach. Pre-Experimental design in the form of one group pretest & posttest as a research design. The study will be conducted in Satara district, Randomized sampling technique with 550 Nursing personnel engaged in community health services will be including. The collected data will be analyzed in terms of the objectives of the study using descriptive & inferential statistics.

Expected Outcome: Developed & evaluated Community Based Rehabilitation Protocol and advance training program can be utilized by any one.

Conclusion: To the best of our knowledge there were no any similar studies conducted On Knowledge Regarding Community Based Rehabilitation Protocol among Nursing Personnel Engaged in Community Health Services. All conclusions will be writing down after statistical analysis.

Key words: Community based Rehabilitation, Protocol,

Introduction:

In whole world Persons with disabilities are coming under the marginalized category. Person with disabled having same type of health needs like normal ones. They are disabled by physical and other domains like social and economical. The role of Community based rehabilitation & nurses is to improve maintain and provide rehabilitative services at grass-root level and provide referral services to specialized rehabilitation services¹.

Hence Community Based Rehabilitation implemented through the combined efforts of persons with disabilities themselves, communities with appropriate health education, vocational social services, In this Nursing plays and important character in community.²

Material and Method: Research approach

For this study Quantitative **research** approach will be used.

Research Design

Pre experimental design in the form of one group pretest & posttest as a research design.

Study Duration.

Duration of study is 3 years. The study duration is shown in Table 1.

Table 1: Gantt chart (Q- 6 Month)

Activities	Year 1		Year 2		Year 3	
	Q1	Q2	Q3	Q4	Q5	Q6
Preparation Of Study	√					
Protocol	√					
Ethical Approval	√					
Recruitment Of Study	√					
Participants		√	√			
Follow Up Of Participants		√	√			
Data Analysis			√	√		
Manuscript Writing					√	
Publications Report Submission					√	√

Setting of the Research

The study will be conducted in Satara district Western Maharashtra, India.

Sample

The sample in this study will be including Nursing personnel engaged in community health services.

Sample Size

In this study, the sample size includes 550 Nursing personnel.

Sampling Technique

Randomized sampling technique

From each of 11 blocks of Satara district

- ✓ From the 71 primary health centre 65 will be selected randomly
- ✓ From the 400 sub- centre 355 will be randomly selected with use of computer programming method.

Criteria for selection of sample

Inclusion criteria- Nursing personnel:

1. Who are involved in community health services.
2. Who can understand & speak the language Marathi/English.
3. Who are interested to participate in the study.

Exclusion criteria:

1. Who received similar education programme.
2. Nursing personnel who are on leave.

Community Based Rehabilitation Protocol

The present protocol is planned to provide as a reference material for community health care professionals other community members for providing, improving and implementing rehabilitation services from the grass-root level to the specialized area.

- ✓ Conditions are as follows:
 1. Community Rehabilitation on Mental Illness.
 2. Community Rehabilitation on HIV/AIDS
 3. Community Rehabilitation on Cancer.

Review and Approval: The content validity of the protocol will be obtained by the experts in various fields a total of 14 experts (field of Medicine faculty and Subject expert, Nursing faculty and subject expert).

Advanced Training Program: For training & administering protocol Advanced training will be used.

Tool .

Structured Questionnaire will be used for collecting data, which is divided into **Three** sections-

Section A: Demographic Profile

Section-B: Questionnaire on knowledge of community based rehabilitation (15Question)

Section C: Feedback (Opionnarie).

Data Collection:

The researcher will obtain permission from KIMSDU Karad & Health department government of Maharashtra. Simultaneously various health care facilities will be approach for conducting the research study. .

Implementation phase: The study will be conducted in Satara district and Satara district having 11 blocks.

The researcher will be obtaining the written informed consent from the samples. Clear all the doubts that the Nursing personnel have in respect to the protocol. After 30 days researcher will collect the posttest of the same Nursing personnel in their respective areas. After 6 month researcher will collect the feedback of the advanced training program and community based protocol.

Data Analysis:

The collected data will be analyzed in terms of the objectives of the study using descriptive & inferential statistics.

According to the objectives for analysis of data following statistics will be used:

1. To assess the pre- existing knowledge of community based rehabilitation Protocol among Nursing Personnel Engaged in Community Health Services - frequency percentage will be using.
2. To assess the Impact of Advanced Training Program on Knowledge Regarding Community Based Rehabilitation Protocol among Nursing Personnel Engaged in Community Health Services - paired t test will be using
3. To find out the association between the pre-test Knowledge score regarding Community Based Rehabilitation Protocol among nursing personnel engaged in Community Health Services with their socio demographic variable. - ANOVA will be using.

Ethical considerations

Present study approved by institutional ethical committee of the KIMSDU, Karad 23/062022. Protocol No/Ref. No. KIMSDU/IEC/06/2022. Permission from the authorities such as the Principal of the institutes, District health officer has been obtained. Informed Consent will be obtained from the subjects at the time of data collection.

Discussion:

Present study is to Developed & evaluated Community Based Rehabilitation Protocol and Advance training program can be utilized by any one. It builds awareness of the diversity within the community, including diversity in functioning of people with disability and children. Based on Evidence we can say that Person with disabled having different kind of obstruction in accessing the health and other rehabilitation services in all levels. Overcoming all kinds of difficulties faced by persons with disabilities needs interventions for removing barriers³. For removing this type of barriers Advanced training program session deliver in the respective setting. Clearing all the doubts that the nursing personnel have in respect to the Protocol. After 30 days researcher will collect the posttest of the same Nursing personnel in their respective areas and after 6 month feedback will be taken from the nursing personnel as well as community. Community based rehabilitation program may ensure positive and effective outcomes who are facing different kind of problem in their life it provide comprehensive quality care to the people with disabled and improve the quality of life of self as well as family⁴. Evidence suggest that, in order to attain optimum outcomes, rehabilitation services should be provided by multi-professional teams. Nurses who are working in community are one of the strong and relevant rehabilitation professionals⁵. Based on the result recommendation will be drown.

Conclusion

Based on the study finding or result we will come to know the effectiveness of the advanced training program and community based protocol, will help to improve the status of person with disabled and also the quality of care in the field Rural & Urban Community as well as nursing.

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