

# A Study to Assess the Effectiveness of Structured Teaching Programme on Knowledge Regarding First Aid Management in a Selected School Bangalore

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**Abstract:** *Objectives of the study:* To assess the knowledge of school teachers regarding first aid management. To assess the effectiveness of structured teaching programme on knowledge of school teachers regarding First aid management. To determine the association between the knowledge of teachers with selected demographic variables. First aid is the provision of initial care for an illness and injury. Certain self limiting illness or minor injury may not require further medical care. It is generally consist of a series of simple and in some cases potentially life saving techniques that an d individual can be trained to perform with minimal equipment. *Objectives:* To assess the knowledge of school teachers regarding first aid management. To assess the effectiveness of structured teaching programme on knowledge of school teachers regarding First aid management. *Methods:* Pre experimental one group pre test and post test design was used to assess the effectiveness of STP on knowledge of school teachers regarding first aid management regarding in selected schools. Reliability of the tool was tested and validity was ensured in consultation with guides and experts in the fields of nursing. The study was carried selected school, Bangalore. The samples were selected by using non probability convenient sampling technique. Collected data was analyzed by using descriptive and inferential statistics. *Results:* The calculated value of the post test score (25.45) of the group was higher than the mean pre test score (14.36) of the same group. The mean difference between pre test score and post test score significant at 5% level as the  $t=21.83$  ( $p < 0.01$ ). *Discussion:* This chapter discusses the main findings of the research study and reviews that in relation to the finding from the results of the present study. The present study was conducted to assess the effectiveness of structured teaching programme on knowledge of school teachers regarding first aid management in selected school, Bangalore. The main pretest knowledge score of the group was 14.36 and standard deviation 19.10 on knowledge regarding First Aid Management suggesting that there was lack of knowledge. The effectiveness of structured teaching programme regarding the low treatment in fracture healing. The mean difference between pre-test and post test scores were significant at 5% level as  $t=21.82$ . Hence the structured teaching programme was effective. To find out the association between pre test knowledge score with selected demographical variables such as age, gender, educational status, working experience, area of working, previous source of information regarding First Aid Management and any certification course regarding First Aid Management. The finding of the study revealed that there was no association between pre-test knowledge score with any of the selected demographic variables.

**Keywords:** Problem statement, Objective, Method, Result, Discussion, Sample Approach, Sample Design

## 1. Background

First aid is the first and immediate assistance given to any person suffering from either a minor or serious illness or injury, with care provided to preserve life, prevent the condition from worsening, or to promote recovery. It includes initial intervention in a serious condition prior to professional medical help waiting for an ambulance, as well as the performed by someone with basic medical training. Mental health first aid is an extension of the concept of first aid to cove mental health.

## 2. Methods

Research methodology refers to controlled investigation related to the way of obtaining, organizing and analyzing data. Methodological studies address the development, validation and evaluation of research instrument and technologies.

The present study was conducted to assess the effectiveness of structured teaching programme on knowledge of school teacher regarding first aid management in a selected school, Bangalore.”

This chapter deals with the methodology adopted for the study. It involves research approach, research design,

setting of the study, population of the study, sample, sampling technique, criteria for sample selection, development and description of the tool, content validity and reliability of tool.

## 3. Research Approach

Research approach is the most significant part of any research. The appropriate choice of the research approach depends on the purpose of the research study. Quantitative research approach was used for this study.

## 4. Research Design

The research design refers to the researcher’s overall plan for obtaining answers to the research questions and for testing the research hypotheses. It spells out the strategies that the researcher adapts to develop information that is accurate, objective and interpretable. The research design provides and overall blue print to conduct the study. The research selected was pre experimental one group pre test post test design.

## 5. Results

The section presents the analysis and interpretation of data collected from 60 school teachers working in selected

school, Bangalore and to assess the effectiveness of structured teaching programme on knowledge of school teachers regarding First Aid Management In a school. A pre experimental one group pre-test design with quantitative approach was used in the present study. The data collection was based on the objectives of the study and organized, tabulated, analyzed and interpreted by

using descriptive and inferential statistics and described with help of tables and graphs.

**Section**

**Description of Sample Characteristics**

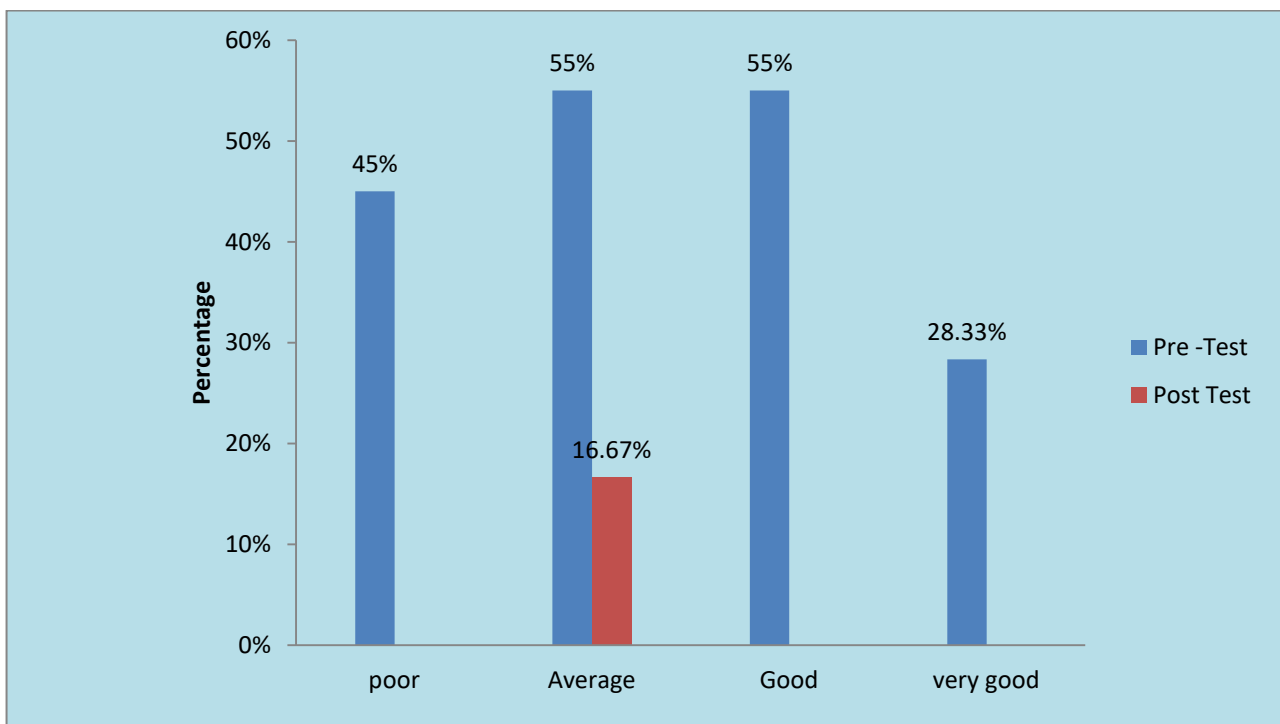
**Table 2:** Distribution of frequency and percentage of selected variables (N=60)

Sr. No	Demographic variables	Response	No of subjects	Percent Age%
1	Age (In year)	21-25	45	75
		25-29	11	18.33
		29-33	4	6.66
		33 and above	0	0
2	Gender	Male	11	18.33
		Female	49	81.66
3	Educational status	NTT	37	61.66
		TCH	12	20
		B. ED	10	16.67
		M. Sc	1	1.66
4	Working experience	<1 year	26	43.33
		1-3 year	18	30
		3-5 years	13	21.67
		>5 years	3	5
5	Previous source of information	Mass Media	26	43.37
		In service education programme	2	3.33
		Expose to First Aid Management	0	0
		No. information	32	53.33
6	Have any certification course regarding first aid management	Yes	11	18.33
		No	49	81.67

**Section –B**

**Distribution of Samples according to pre test and post test level of knowledge score.**

This section deals with analysis and interpretation of pre test and post test knowledge score. The knowledge levels were categorized as very poor, poor, average, good and good.



**Figure 3:** Distribution of samples according to pre test level of knowledge score

Data from above figure 3 illustrates that during the pre test among the 60 samples 27 (45%) samples had poor knowledge, 33 (55%) samples had average knowledge and

none of the sample had good and very good level of knowledge of school teachers regarding first aid management. During the post test 10 (16.67%) samples

had average knowledge, 33 (55%) samples achieved good level of knowledge, 17 (28.33%) sample had very good level of knowledge and none of samples had poor knowledge.

## 6. Discussion

To assess the knowledge of school teachers regarding first aid management-based on the above objective of the study, as per the findings of the study among the 60 samples 27 (45%) samples had poor knowledge, 33 (55%) samples had average knowledge and none of the samples had good and very good level of knowledge regarding first aid management. The main pretest knowledge score of the group was 14.36 and standard deviation 19.10 on knowledge regarding First Aid Management suggesting that there was lack of knowledge. The effectiveness of structured teaching programme regarding the low treatment in fracture healing. The mean difference between pre-test and post test scores were significant at 5% level as  $t=21.82$ . Hence the structured teaching programme was effective. To find out the association between pre test knowledge score with selected demographical variables such as age, gender, educational status, working experience, area of working, previous source of information regarding First Aid Management and any certification course regarding First Aid Management. The finding of the study revealed that there was no association between pre-test knowledge score with any of the selected demographic variables.

## 7. Conclusion

This study was taken up to assess the knowledge of school Teacher Regarding First Aid management. The result of this study showed that there was improvement of knowledge of school teachers regarding first Aid Management. The improvement was due to the administration of the STP. Thus the study concluded that structured teaching programme was more effective on improving knowledge of school teachers regarding First Aid Management.

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