

**“A study to assess the knowledge on first aid management among play school teachers at selected playschools at Nellore District.”**

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### **INTRODUCTION**

First aid management is the temporary and immediate treatment given to a person who is injured or suddenly ill, using facilities or materials available at that time before regular medical help is impacted. The first aid itself signifies that the casualty is in need of secondary aid.

School teachers have a pivotal role in dissemination of knowledge and development of positive attitude towards any disease among school children. There is a definite need for an intensive health education considering every disease as serious and take emergency care rather than neglecting the myths and misconceptions. They can play a key role in first aid management of accidental injury and threats among school children. The teacher, can also play a role of first aider, a first aider is just a common person who may have learnt a standard method of application of first aid best suited to his skill.

First aid is the provision of initial care for an illness or injury. It is usually performed by non expert, but trained personnel to a sick or injured person until definite medical treatment can be assessed. Certain self limiting illness or minor injuries may not require further medical care past the first aid intervention. First aid makes the difference between life and death, sometimes, more recently, with a children , it is clear that a little knowledge of first aid will go a long way in saving lives.

**PROBLEM STATEMENT:** “A study to assess the knowledge on first aid management among play school teachers at selected playschools at Nellore District.”

### **OBJECTIVES**

- ✓ To assess the level of knowledge regarding first aid management among play school teachers.
- ✓ To find association between the level of knowledge and the selected socio demographic variables.

### **OPERATIONAL DEFINITIONS**

**PLAY SCHOOL:** It refers to a regular supervised play sector for children of 1-3years.

### **FIRST AID MANAGEMENT**

First aid management is defined as the temporary and immediate treatment given to a person who is injured or suddenly becomes ill, using facilities or materials available at that time before regular medical help is impacted.

### **TEACHER**

It refers to the individual who provide care and guidance for children in play schools.

### **ASSUMPTIONS**

The play school teachers may have inadequate knowledge regarding the first aid management of children.

### **DELIMITATIONS**

1. The present study is delimited to selected play school at Nellore only.
2. The sample size is limited to 30 teachers only.

### **PROGECTED OUTCOME**

The study will help to determine the knowledge of play school teachers regarding first aid management.

### **METHODOLOGY**

**RESEARCH APPROACH:** Quantitative Approach .

**RESEARCH DESIGN:** Non experimental descriptive design .

**TARGET POPULATION:** The population consists of play school teachers.

### **SETTING**

The study was conducted in selected play schools - Mathru Sree play school at Venkatachalam and Blossom school at Balaji Nagar.

### **SAMPLE SIZE**

The sample size of the study was 30 play school teachers who met the inclusion criteria.

### **SAMPLE TECHNIQUE**

The convenient sampling technique was used for selection of subjects for the study.

### **DESCRIPTION OF TOOL**

The investigator developed a structured questionnaire to assess the level of knowledge regarding first aid management in children.

*Tool consists of 2 parts.*

**Part-I:** Deals with demographic variables consist of age, sex, religion, experience in first aid management, education of teachers and mothers etc.

**Part-II:** Consist of 36 questions on selected emergencies among play school children to assess the knowledge regarding first aid management.

### **METHOD OF DATA COLLECTION**

Formal permission was obtained from concerned authority. The purpose and benefits of the study was explained to subjects and consent was obtained from the



play school teachers to participate in the study. The data collection procedure was carried out in the Mathura Sree play school at Venkatachalam and Blossom School at Balaji Nagar. Data was collected by using the structured questionnaire on first aid management. Data collection procedure was carried out for a period of 1 week (31/1/12)-(6/2/12). The time duration taken for each sample was 45 minutes.

**Table 1. Frequency and percentage distribution of level of knowledge regarding first aid management.**

**Table-1** shows that among 30 teachers 16.7% (5) had good knowledge, 60% (18) had good moderate knowledge and 23.3% (7) had inadequate knowledge and had moderate knowledge in first aid management.

Sl.	Level of knowledge	Frequency	Percentage	Mean	SD
1	Good	5	16.7%	29.6	0.9
2	Moderate	18	60%	26.33	14.4
3	Inadequate	7	23.3%	20.14	1.2

**The table - 1** Shows mean of good knowledge was 29.6 with SD of 0.9 and the mean of moderate knowledge was with 26.3 with SD of 14.4. and the mean of inadequate knowledge 20.14 SD with 1.2.

**Table - 2** Association between socio demographic variables and level of knowledge

**Table.2** Shows that, association between socio demographic variables and level of knowledge was assessed by chi

S. No	Demographic variables	Inadequate		Moderate		Good	Chi - Square	
		F	%	F	%	F		%
1.	Age							
	a) <20-25 yrs	0	0	2	06.66	0	0	Chi - Square = 5.68 S
	b) 26-30 yrs	4	13.3	13	43.3	4	13.3	
	c) 31-35yrs	2	6.66	3	10	1	03.3	
d) >35yrs	1	3.33	0	0	0	0		
2.	Gender							NS
	a) Male	0	0	0	0	0	0	
	b) Female	7	23.3	18	60	5	16.6	
3.	Education							Chi - Square = 8.74 NS
	a) Intermediate	5	16.6	8	26.6	0	0	
	b) Degree	1	3.33	8	26.6	5	16.66	
	c) Postgraduate	1	3.33	2	06.66	0	0	
4.	Income							Chi - Square = 4.67 NS
	a) 2000-3500	6	20	12	40	4	13.3	
	b) 3500-4000	0	0	5	16.6	0	0	
	c) 4000-5000	1	3.33	1	3.33	1	3.33	
	d) >5000	0	0	0	0	0	0	
5.	Religion							Chi - Square = 1.93 6df = 12.59 NS
	a) Hindu	5	16.6	14	46.6	5	16.66	
	b) Christian	1	3.33	3	10	0	0	
	c) Muslim	1	3.33	1	3.33	0	0	
6.	Place of residence							Chi - Square = 2.43 NS
	a) Urban	4	13.3	5	16.6	1	3.33	
	b) Rural	3	10	13	43.3	4	13.3	
7.	Experience at play school teachers							Chi - Square = 9.73 NS
	a) 1-2yrs	2	6.66	8	26.6	1	3.3	
	b) 3-4yrs	3	10	9	30	3	10	
	c) 5-6yrs	1	3.33	1	3.3	1	3.33	
	d) >6yrs	1	3.33	0	0	0	0	
8.	Training in first aid management							Chi - Square = 0
	a) Yes	7	23.3	18	60	5	16.6	
	b) No	0	0	0	0	0	0	
9.	Have you given first aid treatment to anybody							Chi-square = 0 non significant
	a) Yes	7	23.3	18	60	5	16.6	
	b) No	0	0	0	0	0	0	
10.	Source of information							Chi - Square = 5.68 NS
	a) Television	4	13.3	4	13.3	2	6.66	
	b) Magazine	0	0	6	20	2	6.66	
	c) Others	3	10	8	26.6	1	3.33	

square test. There is no significant relationship between socio demographic variables such as age of the teacher, gender, education, income, religion, place of residence, experience year of play school teachers and training in first aid management.

### MAJOR FINDINGS OF THE STUDY

**The first objective of the study was to assess the level of knowledge regarding first aid management among play school teachers:**With regard to the level of knowledge of play school teachers at Nellore district, 16.7%(5)good knowledge in first aid management, 60%(18)teachers had moderate knowledge,23.3% (7)teachers had inadequate knowledge in first aid management of children.

**The second objective of the study was to find association between the level of knowledge and the selected socio demographic variables.**

In this there is no significant association between the level of knowledge regarding first aid management with demographic variables such as age of the teacher, gender, education, income, religion, place of residence, experience of play school teachers and training in first aid management.

### RECOMMENDATIONS

1. The similar study can be conducted with a large samples in different settings.
2. Interventional studies can be conducted on management of common accidents among school teachers.
3. A comparative study can be done among school children in rural and urban areas
4. Effectiveness of video assisted teaching on first aid management can be conducted among school teachers.
5. Effectiveness of structured teaching programme on first aid management can be done among school teachers

**CONCLUSION:** The study indicates that the play school teachers must be educated and trained in first aid management of common emergencies in children.

**REFERENCES:** 1. L.C Gupta, Abhitabh Gupta (2002) Manual on first aid, 1<sup>st</sup> edition, New Delhi, Jaypee Publishers, Page no.1-5, 196, 255-271.

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## WORLD POPULATION DAY



The **World Population Day** was organized by District Medical Health Officer in Town Hall Nellore at 9.00am to 1.00 pm. Narayana College of Nursing 2<sup>nd</sup> year students along with faculties Ms. Vineela, CHN Dept. were participated in the programme, THEME : SMALL FAMILY: HAPPY FAMILY, Chief guest was **Mr. SRIKANT I.P.S.** and Joint - Collector Mr.Lakshmi kantham Given awards to the students for winners in Essay competition theme on - Small family:Healthy family., our students from **Narayana College of Nursing** got 1<sup>st</sup> prize and 2<sup>nd</sup>prize. Given appreciation award for **Narayana College of Nursing** for voluntary, regular, and active participation in all National health programmes.

