

**SAHJANAND COLLEGE OF NURSING, ZUNDAL,
GANDHINAGAR**

**“A Study To Assess Effectiveness Of Planned Teaching Programme On Knowledge And
Practice Among School Teacher Regarding First Aid Management Of Convulsion
Among Primary School Children At Selected
School Of Lunavada City.”**

RESEARCH TOOL

RESEARCH GUIDE

**MISS. MS. NILSIN MAM
ASSISTANT PROFESSOR**

(MEDICAL SURGICAL NURSING)

RESEARCH INVESTIGATOR

**MS. MACHHI NIRALIBAHEN
S.Y M.SC NURSING**

(MEDICAL SURGICAL NURSING)

From Machhi Niraliaben
2nd year M.Sc.(n) Student,
Sahjanand College of nursing, Zundal

Date: / /2025

To,

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Subject: Request for opinion and suggestions of experts for establishing content
Validity of Research Tool.

Respected Sir/Madam

I undersigned Machhi Niraliaben student of 2nd year M. Sc. Nursing from Sahjanand College of nursing, Zundal, Ahmedabad. I have selected under mentioned topic for research project to be submitted to Gujarat University for a partial fulfilment of Master in Nursing Degree.

“A Study To Assess Effectiveness Of Planned Teaching Programme On Knowledge And Practice Among School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.”

Please go through the copy of tool for the demographic data, knowledge and Practice questionnaire attached with this letter. Kindly certify it after evaluation and validation. There is a copy of certificate attached with this letter.

You are requested to express your expert opinion and cooperation will be highly appreciated. As per your opinion whichever corrections you suggest I will make correction and then will finalize my tools for the research.

Thanking you.

Yours sincerely
Ms. Machhin Niraliaben

STATEMENT OF PROBLEM:

“A Study To Assess Effectiveness Of Planned Teaching Programme On Knowledge And Practice Among School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.”

OBJECTIVES:

- 1 To Assess The Knowledge of School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City .
2. To Assess The Practice of School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.
3. To Find Out The Association Between The Knowledge And Practice of School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.

HYPOTHESIS:

H₀: There will be no significant relationship between the knowledge and Practice of of School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.

H₁: :There will be significant relationship between the knowledge and Practice of of School Teacher Regarding First Aid Management Of Convulsion Among Primary School Children At Selected School Of Lunavada City.

ANNEXURE

TOOL FOR THE DATA COLLECTION (ENGLISH LANGUAGE)

CODE NO:___

CONSENT FORM

I am giving all the information with my full consent and I know that it will be used for research purpose only.

Instructions:

- Read each statement carefully
- Give the answer that you know.
- Your answers will be kept secret.
- Try to answer for all questions.
- Tick mark on the right answer.

The different sections included in the questionnaire are:

Section: A - Deals with socio demographic data

Section: B - Deals with the knowledge questionnaires.

Section: C- Deals with the Practice questionnaires.

DATE:

SIGNATURE:

SECTION-A

DEMOGRAPHIC VARIABLES

STRUCTURED QUESTIONNAIRE REGARDING DEMOGRAPHIC VARIABLES

INSTRUCTION:-

Please read this following questions carefully and tick mark [] for each appropriate answer in the given box []

1) Age in years

- | | |
|-------------|----------|
| a) 21-30 | [] |
| b) 31-40 | [] |
| c) 41-50 | [] |
| d) Above 50 | [] |

2) Gender

- | | |
|-----------|----------|
| a) Male | [] |
| b) Female | [] |

3) Religion

- | | |
|---------------------|----------|
| a) Hindu | [] |
| b) Muslim | [] |
| c) Christian | [] |
| d) Specify if other | [] |

4) Educational qualification of Teacher

- | | | |
|---|---|---|
| a) D.ED (diploma in education)/TTC (Teacher training certificate) | [|] |
| b) Under graduate | [|] |
| c) Post graduate | [|] |
| d) Ph.D. | [|] |

5) Years of experience

- | | | |
|---------------------|---|---|
| a) Less than 1 year | [|] |
| b) 1-5 years | [|] |
| c) 6-10 years | [|] |
| d) Above 10 years | [|] |

6) Previous knowledge regarding the topic of convulsion

- | | | |
|--------|---|---|
| a) Yes | [|] |
| b) No | [|] |

7) Attended any training

- | | | |
|------------------------------------|---|---|
| a) Yes, how many training attended | [|] |
| b) No | [|] |

SECTION- B

STUCTURED KNOWLEDGE QUESTIONNAIRRE REGARDING FIRST AID MANAGEMENT OF CONVULSION

INSTRUCTIONS:

- I. The answers to the questionnaire are to assess your own personal views. So, answer the questions without discussing with others.
- II. The purpose of this questionnaire is to obtain information about your knowledge with regards first aid.
- III. Please answer all the questions because your responses are very important.
- IV. The entire information provided shall be kept confidential.
- V. Please read the questions carefully and put a tick mark (✓) against correct answers in appropriate box.

1) What is the other name of seizure?

- | | |
|---------------|----------|
| a) Convulsion | [] |
| b) Epilepsy | [] |
| c) A and B | [] |
| d) Alzheimer | [] |

2) What is convulsion?

- | | |
|-------------------------------|----------|
| a) Anger | [] |
| b) Evil spirits and possessed | [] |
| c) Brain disease | [] |
| d) Heart disease | [] |

3) What percentage of convulsion cases are found in children?

- | | |
|-----------|----------|
| a) 30-40% | [] |
| b) 60-65% | [] |
| c) 70-75% | [] |
| d) 80-85% | [] |

4) Which of the following is not cause of convulsion?

- | | |
|------------------------------|----------|
| a) Cerebral vascular disease | [] |
|------------------------------|----------|

- b) Fever in children []
- c) Head injury []
- d) Diarrhea []

5) What are causes of a convulsion in child?

- a) Degeneration of the brain cell []
- b) Oxygen deficiency []
- c) Hereditary cause []
- d) All of the above []

6) What are the main types of convulsions in children?

- a) Focal Seizure & Unknown Seizure []
- b) Focal Seizure & Absence Seizure []
- c) Generalized Seizure & Myoclonic Seizure []
- d) Focal Seizure & Generalized Seizure []

7) Which type of seizure seen in children between 6 months to 5 years of age?

- a) Focal Seizure []
- b) Tonic Clonic Seizure []
- c) Myoclonic Seizure []
- d) Febrile Seizure []

8) When the child regains consciousness, the child may complain of being tired or sleepy after the seizure is called as?

- a) Postictal Period []
- b) Specific Period []
- c) Temporary Period []
- d) Ictal period []

9) What is the duration of simple focal seizure?

- a) Less than 1 min []
- b) Less than 2 min []
- c) More than 1 min []
- d) More than 2 min []

10) What is common age of starting of the absence seizures?

- a) 1 to 3 years []
- b) 4 to 12 years []
- c) 12 to 15 years []
- d) Above 15 years []

11) What are some potential signs of a convulsion in a child?

- a) Uncontrolled shaking of limbs []
- b) Excessive sweating []
- c) Loss of vision []
- d) Rapid eye blinking []

12) Which of the following is not the symptoms of convulsion in children?

- a) Brain Attack []
- b) Light-headedness []
- c) Loss of consciousness []
- d) Loss of memory []

13) What are the symptoms of complex Partial Seizure?

- a) Lips biting []
- b) Staring / aura []
- c) Stretching the muscles of the face and body []
- d) Crush the lips or tongue []

14) During a convulsion, which part of the body might turn blue due to decreased oxygen supply?

- a) Fingertips []
- b) Lips and face []
- c) Hair []
- d) Toes []

15) How is convulsion diagnosed in child?

- a) CT scan []
- b) MRI []
- c) E.E.G []
- d) All of above []

16) Which of the following is a common misconception about convulsions?

- a) Convulsion is always life-threatening []
- b) Convulsion is caused by magic or supernatural forces []
- c) Convulsion can be cured by drinking water []
- d) Convulsion is contagious []

17) What are the appropriate steps to take if a child is having a convulsion?

- a) Try to restrain the child's movements []
- b) Place the child on their back []

- c) Insert a spoon into the child's mouth to prevent biting the tongue []
- d) Move any nearby objects to prevent injury []

18) What should be done if a person experiences a convulsion?

- a) Administering pain relief medication []
- b) Allowing the child to sleep []
- c) Place a pillow or soft object under the person's head []
- d) Restrict the person's movement to prevent further harm []

19) How can you help if a child has seizure?

- a) Place child on the table []
- b) Give water or medicine during seizure []
- c) Make sure child is breathing []
- d) Restrain the child []

20) How can you protect a child from injury during a convulsion?

- a) Clear the area of any sharp or hard objects []
- b) Place hard objects under the child's head []
- c) Leave the child unattended until the convulsion stops []
- d) Hold the child down to prevent movement []

21) What is the importance of noting the duration of the convulsion for first aid management?

- a) To determine the person's pain level []
- b) To help the person relax []
- c) To assess the effectiveness of first aid provided []
- d) To calculate the cost of medical treatment []

22) What is the significance of monitoring the person's breathing during a convulsion?

- a) To check for any unusual Odour []
- b) To ensure they are breathing normally []
- c) To count the number of breaths per minute []
- d) To determine the cause of the convulsion []

23) Which of the following should be avoided during a convulsion?

- a) Restraining the child forcefully []
- b) Placing objects in the child's mouth []
- c) Allowing the child to lie on their side []
- d) Providing water to the child immediately after the convulsion []

24) When should you call for emergency medical assistance during a convulsion?

- a) If the convulsion lasts longer than 5 minutes []
- b) If the child is unconscious after the convulsion stops []
- c) If the child is able to respond to verbal cues []
- d) If the convulsion is the child's first-ever seizure []

25) What should you do if a person's convulsion lasts longer than five minutes?

- a) Give them a cold compress []
- b) Time the duration of the convulsion []
- c) Start CPR immediately []
- d) Administer pain relief medication []

26) Which of the following conditions may require immediate medical attention after a convulsion?

- a) If the person regains consciousness quickly []
- b) If the convulsion lasts longer than 5 minutes []
- c) If the person has a known history of epilepsy []
- d) If the person is a child under 2 years old []

27) What is the recommended position to place the person after a convulsion?

- a) Lying flat on their back []
- b) Sitting upright []
- c) On their side (recovery position) []
- d) Standing up and walking around []

28) How can you help prevent a convulsion from becoming more severe?

- a) Slapping the person on the back []
- b) Giving them a glass of water to drink []
- c) Turning them on their side to prevent choking []
- d) Giving them a massage []

29) Which of the following should be observed after a convulsion?

- a) Breathing pattern []
- b) Skin colour and temperature []
- c) Blood pressure reading []
- d) Eye colour changes []

30) How can you reassure the person after the convulsion has stopped?

- a) Offer them some candy or chocolate []
- b) Encourage them to get up and walk around []
- c) Provide comfort and stay with them until they fully recover[]
- d) Ignore them to give them space []

ANSWER KEY FOR STRUCTURED KNOWLEDGE QUESTIONNAIRE

TOTAL SCORE-30

Q1		Q19	
Q2		Q20	
Q3		Q21	
Q4		Q22	
Q5		Q23	
Q6		Q24	
Q7		Q25	
Q8		Q26	
Q9		Q27	
Q10		Q28	
Q11		Q29	
Q12		Q30	
Q13			
Q14			
Q15			
Q16			
Q17			
Q18			

SECTION:-C

STUCTURED PRACTICE QUESTIONNAIRRE REGARDING FIRST AID MANAGEMENT OF CONVULSION

INSTRUCTION:

This tool consists of 10 Questions regarding practice seeking information about first aid management of convulsion in Practice. Please tick mark in Yes or No.

Practice-based questions	Yes	No
Are you available if any occurrence of convulsions?		
Are you Extend the infected person on the ground.		
Gently place the victim on one side to help him breathe?		
Are you Putting something soft under the victim's head to protect?		
Are you using any stick or safety measure to protect tongue bite?		
Are you clear the sharp material near the convulsion patient?		
Remove glasses from his face or unbutton the shirt or tie.		
Are you Call emergency services if the seizure lasts more than 5 minutes?		
Are you Stay with the infected person until the seizure ends.		
After the seizure is over, help the infected person to sit in a safe place.		

Please put your remarks where it needs modification for Betterment of tool

Sr.	Criteria	3	2	1	Remarks
1	Relevancy of content				
2	Content measureable				
3	General outlook				
4	Objectivity				
5	Relevancy				
6	Specificity				
7	Validity				
8	Reliability				
9	Practicability				

Date:

Place:

Seal and signature

LIST OF CRITERIA FOR TOOL VALIDATION

A criterion for expert opinion on content validity of the Demographic data of sample,
A Structured Questionnaire to Assess the Knowledge and Practice regarding first aid
management of convulsion.

Instruction:

Please go through the criteria listed below has been formulated to assess the content validity of structured questionnaire. There are three alternative responses /columns, if you feel that the criterion has fully met within the tool, please put a tick (☑)mark in column (3) if you feel it has met mostly kindly tick mark in column (2) and if you feel it has met to some extent kindly tick mark column (1) kindly support your responses with appropriate remarks / comments and suggestions in the remarks Column as your valuable comments will help the researcher to improve his/her effort.

SR. NO	CRITERIA	3	2	1	REMARKS
1	The statement of the tool is clear and Simple to understand.				
2	The statement of the tool is appropriate to the response alternative given against them.				
3	The statement of the tool is intends to assess the knowledge and practice regarding Bio medical waste management.				
4	The statement of the tool covers the Relevant content on Bio Medical waste management.				
5	The tool developed is interesting to read and respond.				
6	The instruction given in the tool is Clear and simple to understand.				
7	The content of the tool are organized in a systematic manner.				
8	The tool measures what it intends to measure.				
9	The tool satisfies the following criteria Characteristics A. Objectivity B. Relevancy C. Specificity D. Validity E. Reliability F. Practicaility				

Kindly give your valuable comments and suggestions in the space given below for improvement.

Signature

CRITERIA CONCERN TO CONTENT AND TOOL VALIDATION

This is to certify Ms. Macchi Niralibahen S. Y. M.Sc. Nursing student of Sahjanand College of nursing, Zundal Ahmedabad, has submitted following research tool for validation.

**“A study to assess the effectiveness of planned teaching program in term of
knowledge and practice regarding biomedical waste management among
health workers from primary health
Center of Lunawara Taluka.”**

Section: A - Deals with socio demographic data

Section: B - Deals with the knowledge questionnaires

Section: C- Deals with the Practice questionnaires.

Date:

Place:

Seal and Signature