



## A descriptive study to assess the knowledge regarding bag technique among A.N.M. Nursing students at selected Index Nursing School, Indore (M.P.)

Ramawatar Mundotiya<sup>1</sup>, Dr. Prabhanshu Vyas<sup>2</sup>

<sup>1</sup>Department of Nursing, Malwanchal University, Madhya Pradesh, India

<sup>2</sup>Professor, Specialty-Community Health Nursing, Index Nursing College, Malwanchal University, Madhya Pradesh, India

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### Abstract

The "bag technique" emphasizes minimizing cross-contamination in healthcare settings, particularly in nursing, to enhance the effectiveness and cleanliness of home visit procedures.

**Aim:** The study's objective is to evaluate ANM students' understanding of bag method at a particular INDEX school of nursing in Indore in order to give questionnaires. The research study employed a descriptive methodology.

**Materials and procedures:** The study used a descriptive research design with a quantitative research technique. Descriptive and inferential statistics were used to analyze the total 40 samples that were collected from ANM nursing students at a particular INDEX school of nursing in Indore (M.P.) using non-probability convenience.

**Conclusion:** The study's main conclusions show that 51.33% of ANM nursing students fall into the good group, while 46.67% fall into the average category. According to statistical analysis, the total mean knowledge score was 15.8. Accordingly, the study found no meaningful correlation with the chosen sociodemographic factors. Thus, alternative hypothesis H1 is rejected and null hypothesis H0 is kept.

**Keywords:** Knowledge, ANM, nursing students, bag technique

### Introduction

The community health pack is made to hold supplies and equipment needed for a visit to a factory, school, or household. The bag should be composed of light metal, leather, or canvas. The bag may be carried on the shoulder or by the hand.

### Background

The beg method is a tool that allows the nurse to conduct a nursing treatment with ease and deftness during her visit, saving time and effort in the process of providing the client with good nursing care.

### Problem Statement

"A Descriptive Study to Assess the Knowledge Regarding Bag Technique among ANM Nursing Students at Selected Index Nursing School, Indore (M.P.)"

### Objectives

1. To assess the knowledge score regarding bag technique among ANM nursing students.
2. To find out association between pretest knowledge score with their selected demographic variables.

### Hypothesis

**H<sub>0</sub>:** There is no significant association between knowledge score regarding bag technique with their selected socio demographic variables.

**H<sub>1</sub>:** There will be a significant association between knowledge score regarding bag technique with their selected socio demographic variables among ANM nursing students.

### Research Methodology

A descriptive research design was employed in this study. 40 ANM nursing students from a chosen from INDEX nursing School in Indore (M.P.) made up the sample. In order to evaluate the knowledge of ANM nursing students, first consent was obtained from them and sociodemographic information (Age, Previous Knowledge, Religion, Training Attained) was gathered from them. Surveys were employed.

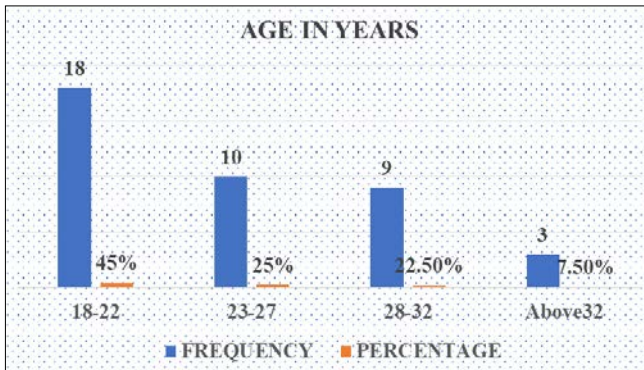
### Results

#### Section 1: Frequency and percentage distribution of demographic variables.

**Table 1:** Frequency and percentage distribution of sample according to their age (N = 40)

S no.	Demographic variable	Frequency	Percentage
1.	Age in years		
A	18-22	18	45%
B	23-27	10	25%
C	28-32	9	22.5%
D	Above32	3	7.5%
	Total	40	100%

**Interpretation:** Data shows that majority of the ANM Students (45%) were in the age group of 18-22 years old, (25%) were age group of 23-27years, (22.5%) were the age group of 28-32 years and (7.5%) of the were in the age group of above 32years.



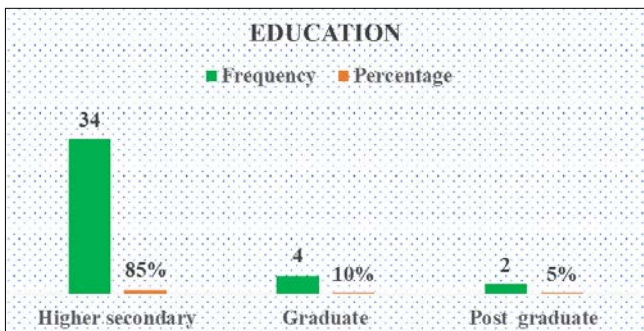
**Fig 1:** Bar-diagram representing age distribution of participants.

**Table 2:** Frequency and Percentage Distribution of Participants according to education qualification

Socio Demographic variables	Categories	Frequency	Percentage
Education	Higher secondary	34	85%
	Graduate	4	10%
	Post graduate	2	5%

(N=40)

**Interpretation:** With regard to education, most of the ANM students were 35 (85 5%) higher secondary pass.4 (10%) graduate and 2(5%) post graduate.



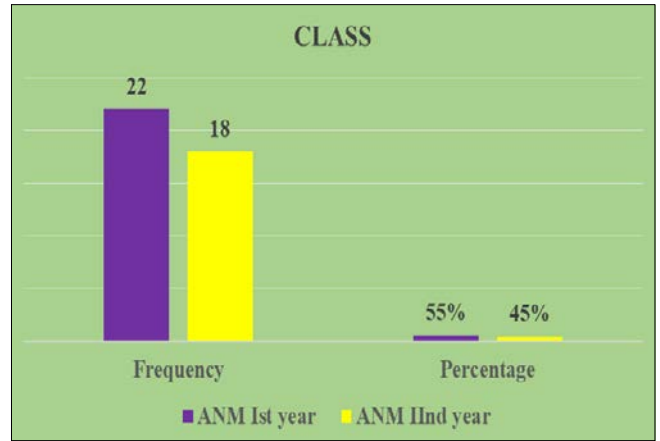
**Fig 2:** Bar-diagram representing education of participants.

**Table 3:** Frequency and Percentage Distribution of Participants according to year

Socio demographic variables	Categories	Frequency	Percentage
Class	ANM I year	22	55%
	ANM IInd year	18	45%
	Total	40	100%

(N=40)

**Data presented in Table No 3:** depicts that most of the ANM students were studying in ANM1 st year 22(55%).18 (45.0%) were studying in ANM II nd year.



**Fig 3:** Bar-diagram representing class distribution of participants.

**Table 4:** Grading of sample based on knowledge score regarding bag technique

No.	Grade	Score	Knowledge Score	
			Frequency	Percentage
1.	Fair	1-5	0	0%
2.	Good	6-10	10	25%
3.	Very good	11-15	22	55%
4.	Excellent	16-20	8	20%
Total			40	100%

(N=40)

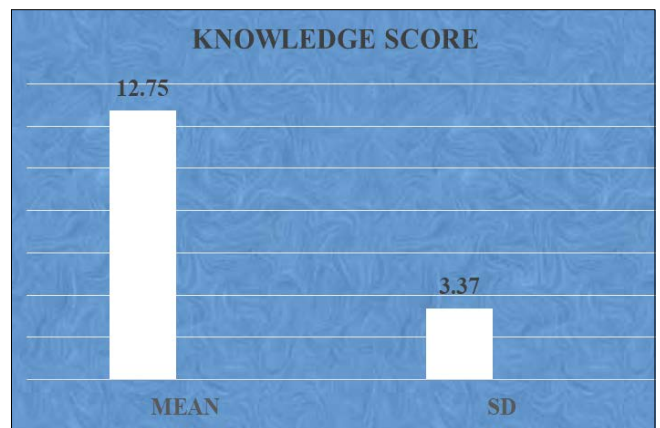
**Interpretation** Data in table no shows that 55% of ANM students had very good scored between (11-15) and 10(25%) had well. Knowledge scored 8(20%) had Excellent scored 0%, had fair scored.

**Table 5:** Mean, Standard deviation knowledge score

Knowledge score	Mean	SD
	12.75	3.37

(N= 40)

**Interpretation:** The data presented in table no.5 shows that the mean knowledge score 12.75., the dispersion (SD±3.37), regarding bag technique among ANM nursing students.



**Fig 4:** Column-diagram representing mean and standard deviation knowledge score regarding bag technique among ANM 1<sup>st</sup> yr and 2<sup>nd</sup> yr nursing students.

**Table 6:** Chi- square value showing association between knowledge score with selected demographic variable

S.No	Demographic Variable	Fair	Good	Very Good	Excellent	Df	Table Value	X2	Result
1.	Age in years					4	2.94 *	0.566	NS
A	18-22	0	3	6	3				
b	25-31	0	2	4	4				
c	32-38	0	4	9	1				
d.	Above 32	0	1	3	1				
2	Course of study					2	8.71*	31.37	S
A	ANM Ist year	0	4	9	2				
B	ANM IInd year	0	6	13	6				
3.	Education					7	16.92	10.23	NS
A	Higher secondary	0	5	12	5				
B	Graduate	0	4	9	3				
C	Post graduate	0	1	1	0				

S: significant, NS: Non significant  
(N=40)

There was a statistical ( $p < 0.05$ ) significance association between knowledge score with Course of study of ANM students and no association with age, education.

### Nursing Implication

The findings of the study have implications in various field of nursing, these are;

1. Nursing education
2. Nursing practice
3. Nursing administration
4. Nursing research

### Nursing Education

Nurse Educator should emphasize more on preparing student to impart health information about technology, advancement more knowledge should be provided to student regarding bag technique.

### Nursing Practice

There is need to develop education programme for ANM nursing fresher to improve, to improve knowledge regarding bag technique it will be effective promoting and reinforcing positive attitude The students education need to prepare self – learning material such of learning packaging and programme .

### Nursing Administration

- The nursing profession should be able to adapt its services to the client's changing needs.
- The student's administration needs to provide her with the most recent training, books, and campus

### Research Implications for Nursing

Research should focus on examining and improving students' understanding of and proficiency with bag technique. To develop different teaching materials for nursing college students, nursing research should be carried out.

### Recommendation

The following suggestions are made for further research based on the study's findings:

- To assess the knowledge and practice score, a comparable research might be conducted.
- It is possible to compare the bag method of nursing students attending government and private colleges.

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