

Study on Teenage Pregnancy



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Statement of the Problem

"A study to assess the knowledge of nursing students regarding teenage pregnancy in Vikram college of nursing at Mysuru with a view to develop health education pamphlets".

Objectives of the Study

- To assess the level of knowledge of nursing students regarding teenage pregnancy.
- To find out the association between the knowledge regarding age, sex, religion, residence and type of family with their selected demographic variables.

Operational Definitions

- Teenage pregnancy- Pregnancy occurs after puberty between the ages of 13-19 years.
- Health education pamphlet- It refers to self learning information prepared by the investigator in English regarding teenage pregnancy.
- Nursing students- The students who are studying BSc. Nursing in Vikram college of nursing.

Assumptions

The assumption of the study was

- A health education pamphlet is an effective method to educate nursing students regarding teenage pregnancy.

Delimitations

The study is limited to students of 1st year BSc. nursing students who are studying at Vikram Educational Trust, Mysuru.

Hypothesis

H₁: Level of knowledge of nursing students regarding teenage pregnancy will be significantly associated with their selected demographic variables viz. age, sex, religion, residence and type of family.

Research Methodology

The research design selected for the study is descriptive approach.

Variables of the Study

- Dependent Variables: Knowledge of nursing students regarding teenage pregnancy.
- Settings of the Study: Vikram Nursing college, mysuru.

Sample and Sampling

Sample is the subset of population. The sample of present study comprises of 40 students of 1st year BSc Nursing who are studying in Vikram college of nursing at Mysuru.

Sampling Technique

Non-probability convenient sampling technique is used in the present study [1,2].

Criteria for Sampling

Inclusion Criteria

- Students in the 1st year BSc .
- Students available at the time of data collection.

Exclusion Criteria

- Students who are sick at a time of data collection.

Data Collection Technique and Instrument

Part-A: Performa for Selected Demographic Variables

It includes demographic variables like age, sex, religion, residence and type of family.

Part-B: Structured Knowledge Questionnaire to Assess the Knowledge Regarding Teenage Pregnancy

Teenage pregnancy questionnaire included definition, etiology, clinical features and management.

Scoring:

- Good knowledge(16-20)
- Poor knowledge(0-10)
- Average knowledge(11-15)

Results

Section 1: Table 1

Table 1: Frequency and percentage distribution of nursing students by age, sex, religion, residence and type of family: n=40.

Demographic Variable	Frequency	Percentage
Age in years		
17-19years	35	87.50%
20-23years	4	10%
25-28years	1	2.50%
Sex		
Male	10	25%
Female	30	75%
Religion		
Hindu	25	62.50%
Christian	7	17.50%
Muslim	8	20%
Residence		
Rural	23	57.50%
Urban	17	42.50%
Type of family		
Nuclear	28	70%
Joint	12	30%

Section 2: Description of knowledge scores of nursing students regarding teenage pregnancy

Data presented in Table 2 shows that the mean knowledge score was 14.8 with standard deviation ± 2.99 and median was 15 (Table 3).

Table 2: Mean, Median and Standard Deviation of knowledge score of nursing students regarding teenage pregnancy: n=40.

Group	Mean	Median	Standard deviation
Nursing students	14.8	15	± 2.99

Table 3: Frequency (f) and percentage distribution (%) of nursing students according to their level of knowledge regarding teenage pregnancy: n=40.

Class interval	Frequency (f)	Percentage (%)
0-10 (Poor)	5	12.5%
11-15 (Average)	15	37.5%
16-20 (Adequate)	20	50%

Section 3: Association between Level of Knowledge of Nursing Students Regarding Teenage Pregnancy and their Selected Demographic Variables

Association of level of knowledge of nursing students regarding teenage pregnancy with their selected demographic variables such age, sex, religion, residence and type of family was found out by computing chi-square (Table 4).

Table 4: n=40.

Sl. no	Selected demographic variables	Knowledge scores			Chi-square	Df	Table value	Significance
		Poor	Average	Adequate				
1	Age in years:							
	17-19 yrs.	3	15	17	9.49	4	0.05	S
	20-23 yrs.	2	0	2				
	25-28 yrs.	0	0	1				
2	Sex:							
	Male	3	4	3	5.99	2	0.05	NS
	Female	3	11	16				
3	Religion:							
	Hindu	2	13	10	9.49	4	0.05	NS
	Christian	0	0	7				
	Muslim	3	2	3				
4	Residence:							
	Rural	3	10	10	5.99	2	0.05	NS
	Urban	3	4	10				
5	Type of family:							
	Nuclear	6	10	12	5.99	2	0.05	NS
	Joint	0	4	8				

S- Significant

NS- Nothing Significant

Conclusion

The present study showed the level of knowledge of nursing students regarding teenage pregnancy among 40 nursing students 12.5% having poor level of knowledge, 37.5% were having average level of knowledge and 50% of nursing students having good level of knowledge.

Recommendations

- a. A large scale study can be conducted to generalize the findings.
- b. A study can be conducted on effectiveness of health education pamphlet related to improve the knowledge regarding teenage pregnancy for the nursing students.

c. A similar study can be conducted by adopting experimental approach.

d. This study can also be conducted on other health demographics.

References

1. Dutta DC (2013) Text Book of Obstetrics, including perinatology and contraception, Calcutta, New central book agency.
2. Health in South Asia (2017) Incidence of teenage pregnancy in India, Public Health Specialist, India.



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