



## “A COMPARATIVE STUDY TO ASSESS THE KNOWLEDGE AND ATTITUDE OF ADOLESCENT ON SEX EDUCATION IN URBAN AND RURAL SCHOOLS IN BHOPAL”.

### Nursing

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### ABSTRACT

A comparative approach was adopted in the study. Sample consists of 50 adolescent students in different school in urban & rural area in dist. Bhopal. Probability random sampling (lottery) technique was used for the study. After the completion of pilot study, main study was conducted. Analysis was done by using mean, standard deviation and chi square. Findings revealed that there are significant increase in knowledge and develop a positive attitude among the urban and rural school student on the aspects of human sexuality.

The conceptual frame work adopted for the study was based on modified Pender's test health promotion model. The study utilized a comparative research approach. The population considered of adolescents in urban and rural schools of Bhopal (M.P). A subject size of 50 adolescent students was selected using probability random sampling technique.

### KEYWORDS:

#### INTRODUCTION

Adolescence is the period of physical, cognitive, social, emotional maturing as the boy prepares for manhood and girl prepares for womanhood in addition to basic needs of thirst and hunger, the sex is very important and prominent during this period.

According to JOAN (1998) sexuality is a normal part of human development and continuous throughout the lifecycle. It may be experienced at many stages of life. A person's sexuality depends upon four interrelated factors—gender identity, sexual orientation, sexual identity and sexual behaviour.

#### Adolescents may not have adequate information

About the consequences of experimenting with unprotected sex. They have the right to obtain information and knowledge about their development, healthy behaviour, sensitive sexual issues and their own health needs?

The sexual world of adolescents is becoming increasingly complex. Sex education is necessary in today's fast life. Wrong information on sex creates a curiosity among children. Imaginations and fantasies become more harmful to their life. Several surveys indicated that sex education on schools is important.

According to Dr PRABHU (2002) adolescents gather information about sexuality from friends and through electronic media. Often this information is wrong and unscientific. They have a great curiosity and concern about sexuality of their opposite sex. Education on sexuality should be offered as a part of overall comprehensive health education.

#### STATEMENT OF THE PROBLEM:

“A comparative study to assess the knowledge and attitude of adolescent on sex education in urban and rural schools in Bhopal”.

#### The objectives of the study were:

- 1) To assess the pre-test knowledge score of adolescent on sex education.
- 2) To assess the pre-test attitude of adolescent on sex education.
- 3) To provide the plan teaching programme on sex education for adolescent of urban and rural schools.
- 4) To assess the post-test knowledge of adolescent on sex education in urban and rural schools.
- 5) To assess the post-test attitude of adolescent on sex education in urban and rural schools.
- 6) To compare the knowledge and attitude score of urban and rural schools.

#### HYPOTHESES:

**H1:** There is significant difference between the level of knowledge among urban and rural school student on sex education.

**H2:** There is no significant difference between the level of attitude among urban and rural school student on sex education.

#### MATERIAL AND METHODS

Research design: The experimental research design was used to assess adolescent's knowledge and attitude on sex education in urban and rural schools of Bhopal.

The pilot study was conducted on 5/11/2007 to assess the feasibility of the study and to decide data analysis plan. Administrative permission was taken from the head masters of Patel higher secondary school, Raisen road (rural) Bhopal and Indian public higher secondary school, Hinothya (urban) Bhopal. The data was analysed by statistical test. The pilot study did not show major changes in the design of structured questionnaire.

#### ORGANISATION AND PRESENTATION OF STUDY:

The finding is presented according to the objectives set for the study. The collected data is analysed, organized, tabulated and presented under the following headings:

- Section A: Socio demographic data
- Section B: assessment of pre-test knowledge
- Section C: assessment of post-test knowledge
- Section D: assessment of pre-test attitude
- Section E: assessment of post-test attitude
- Section F: comparison of knowledge and attitude scores

#### RESULT:

- 1) Assessment of socio demographic data shows that 40 students (50%) were between 15-16 years and 40 students (50%) were between 17-18 years from both urban and rural areas. Majority of students obtain source of information from radio, T.V, and internet. Most of the students belong to nuclear family in urban area whereas in rural area most of the children were from joint family.
- 2) Assessment of pre-test knowledge score shows that 18 (45%) having below median score and 22 (55%) having above median score in urban area whereas 21 (52.5%) having below median and 19 (47.5%) having above median score in rural area.
- 3) Assessment of post-test knowledge score shows that 8 (20%) having below median and 32 (80%) having above median score in urban area, whereas 12 (30%) having below median and 28 (70%) having above median score in rural area.
- 4) Assessment of pre-test attitude score shows that 23 (57.5%) having below median and 17 (42.15%) having above median score in urban area, whereas 25 (62.5%) having below median and 15 (37.5%) having above median score in rural area.
- 5) Assessment of post-test attitude score shows that 8 (20%) having below median score and 32 (80%) having above median score in urban area whereas 13 (32.5%) having below median score and 27 (67.5%) having above median score in rural area.
- 6) Findings of the study revealed that there is significant difference between pre-test and post test score in knowledge among urban and rural school student on aspect of sex education.

## SECTION F: COMPARISON OF KNOWLEDGE AND ATTITUDE SCORES N=80

SL. NO.	SCHOOL	Pre-Test		Post-Test			
		KNOWLEDGE		KNOWLEDGE			
		Mean	S.D	'Z'	Mean	S.D	'Z'
1.	Urban	13.25	3.37	1.46	17.45	1.84	2.41
2.	Rural	12.45	4.54		16.02	1.57	

Table: 1 It shows comparison of knowledge score of urban and rural school. The calculated value of pre-test knowledge score is 1.46 and calculated value of post-test knowledge score is 2.41. Calculated value of post-test knowledge is greater than the pre-test knowledge

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