Knowledge Of And Attitude Towards Reproductive Health Among Female Adolescence (Aged 15-19 Years): A Study Of Lower Hunza

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Abstract

The reproductive health of adolescents is of growing concern all over the world. At the global level, many young people get involved in sexual activities and risk sexually transmitted infections (STIs), including HIV or involvement in unintended pregnancy. Young people every where reach puberty earlier and marry later than in the past. As a result, youth are sexually mature for a longer period of time prior marriage. Adolescent pregnancy and childbearing is a major concern and is associated with a range of outcomes detrimental to teen's health, including complications of pregnancy, illegal and unsafe abortions and death, especially in less developed nations. Fifteen million women age 15-19, give birth every year, 13 million belonging to less developed countries. Over all, 33 percent women from less developed countries give birth before the age of 20 -varying from 8 percent in East Asia to 55 percent in West Africa- (UNFPA; 2000).

Adolescent girls in many South Asian settings are unlikely to have much exposure or physical access to outside world. Few services cater to their needs for health care, nutrition, vocational skills, economic opportunities or information. Sizeable proportions of women in south Asia marry well before 18, and early pregnancy further exacerbates their poor reproductive health. This paper examines the knowledge and attitude of female adolescence aged 15-19 years about their reproductive health in Lower Hunza, Northern Areas of Pakistan. First part of this paper comprises introduction of adolescence and reproductive health, its worldwide and Pakistani situation. The second part of the paper consists of hypotheses and key concepts of the study and the third comprises methodology and statistical analysis of the hypotheses. The last section consists of conclusions and recommendation for the improvement of knowledge and awareness programmes for female adolescents as they are more vulnerable than male.

تلخبص المقالم

بالغوں کی تولیدی صحت پوری دنیامیں توجہ کا باعث بنی ہوئی ہے۔ عالمی طور پر دیکھا جائے توزیادہ تر نوجوان ایسی جنسی حرکات میں ملوث ہوتے ہیں جن سے جنسی امراض، HIVاور غیر متو قع زچگی ہونے کا خطرہ بڑھ جاتا ہے۔ پر انے دور کی بہ نسبت اب حالات بدل گئے ہیں اب ہر جگہ نو جوان بالغ جلد ہوجاتے ہیں اور شادی دیر سے کرتے ہیں اور نیجنًا وہ شادی سے پہلے ہی زیادہ ہوشیار اور پختہ ہوجاتے ہیں۔ بلوغت کی زیچنگی اور جنالیا ایک توجہ کن مسلمہ ہیں جن سے بہت سے مسائل والبتہ ہیں جیسا کہ تم عم بچیوں کی صحت، جس میں زیچنگی کے مسائل، ناجائز اور خطرناک ضیائع جمل اور اموات خاص طور پر کم ترتی یافتہ ممالک میں توجہ کا باعث ہیں۔ ہیں۔ ہر سال ۱۵ سے ۱۹ سال کی ۱۵ ملین خواتین نے پیدا کرتی ہیں جن میں سے ۱۳ فیصد کم ترتی یافتہ ممالک سے تعلق رکھتی ہیں۔ ہموئی محمو می طور پر ۱۳۳ فیصد خواتین کم ترتی یافتہ ممالک میں ایک ہیں جو ۲۰ سال سے پہلے ہی نچے پیدا کرتی ہیں جو کہ آٹھ فیصد مشرقی ایشیاء سے اور ۵۵ فیصد مشرقی ایشیاء کی کثیر تعداد بالغ بچیاں ایسی ہیں جن کو باہر کی دنیا کی زیادہ آگئی یا پہنچ نہیں ہو کہ اور جو سہولیات ان کو مہیا کی جاتی ہیں وہ بہت کم ہوتی ہیں جو کہ ان کی صحت، غذاء ان کی صلاحیتوں اور ہنر کو اُجا گر کرنے اور اُن کی معاشی مواقع سے متعلق ہوتی ہیں زیادہ تر لڑکیوں کی شادیاں ۱۸ سال سے پہلے ہوجاتی ہیں اور کم عمری کی زیچنگی مزید اُن کی صحت کو متاثر کرتی ہے۔ اس تحقیقی مقالے میں ہیں دیکھنے اور سیجھنے کی کوشش کی گئی ہے کہ جو پچیاں ۱۵ میں میل بنی بنیاں نئی سے اس ایشیاء بیاکتان میں میاکتی پذیر ہیں۔ مقالے کا پیاسا صحفحہ بوغت کے بارے میں معلومات حاصل کی جاسیس جو کہ زیریں ہنزہ، شالی علاقہ جات پاکستان میں مہاکش پذیر ہیں۔ مقالے کا پیاسا صفحہ بلوغت اور تولید میں معاومات اور بنیادی تصورات پر مشتمل ہے۔ جس میں ایشیاء، پاکستان اور د نیا ہمر کے طریقہ کار اور شاریاتی تجزیہ کے متعلق ہے۔ آخری حصہ میں تمام تجاویزات و نتان کی کو طوعت نوا تین کی علم و آگی کے لیے بنایا طالت کے بارے میں بتایا گیا ہے۔ مقالے کا دوسرا حصہ میں تمام تجاویزات و نتان کی کو بلوغت نوا تین کی علم و آگی کے لیے بنایا حکم دور سے زیادہ قائل مجروح ہوں۔

Introduction

One billion adolescents are about to enter their reproductive years. For all of them it will be a critical time for many it will be fatal. Over five women die in pregnancy and child birth every year, many of them are young girls; today forty two million people are living with HIV aids. Half of all new HIV infections are among young people. Specially girls are at particular risk. At the International Parliamentarians Conference (IPC / ICPD) in Ottawa, Canada, elected representatives from seventy two countries and territories pledged to save adolescent lives by giving them education, opportunities and services that are vital for their health. (IPC / ICPD and UNFPA).

The term adolescent refers to people between the ages of 10 - 19, "youth" is defined as people between 15 -24 years of age, and "young people" between 10 - 24 years, while the old make up distinct yet overlapping categories (WHO/UNICEF/UNFPA: 1998; 7-8). Today the world is a home to the largest generation of 10 to 19 years old in history, the number is over one billion and it is increasing (Allan Guttmacher Institute: 1998; 1). One out of five in the world is an adolescent. The reproductive health needs of this group for the most part have been either ignored or neglected by the governments and societies or adolescent health has been treated as indistinguishable from childhood health (CRLP: 2000; 57). The nature of adolescent varies tremendously by age, sex, marital status, class, region and cultural context as a group and adolescents have sexual and reproductive health needs that from those of adults in important ways and which remains poorly

understood. Moreover, social, economic and political forces are rapidly changing the ways that young people must prepare for adult life. These changes have enormous implications for adolescents' education, employment, marriage, child bearing and health. (Bott; Jejeebhoy: 2003)

Reproductive Health of Adolescents World Wide

The world is facing the largest generation of adolescents in the history of mankind. Currently one in every fifth is an adolescent between 10-19 years (Nehar et al: 1999). There were 1.21 billion adolescents in the world in 2005. Population in this age group is estimated to continue to increase and would finally reach 1.23 billion by the year 2040 (UN: 2005). Of the World's 1.21 billion adolescents, 913 million or 85% live in developing countries. 49% of them are female. Out of these 1.1 billion, 160 million live in the developed world. This will be the largest generation in the history to make the tradition from child to adulthood. The sheer size of this group commands attention. (WHO: 1995-97-98)

The broad definition of reproductive health agreed on by the international community including Pakistan, at the 1994 International conference on population and development is that "Reproductive health is a state of complete physical, mental and social well being and merely absence of disease or infirmity, in all matters relating to the reproductive system and to its functions and its processes reproductive health therefore implies that people are able to have a satisfying & safe sex life and that they have the capability to reproduce and the freedom to decide if, when and how often to do so. Men and women have the right to be informed and have access to safe, effective, affordable, acceptable methods of their choice for the regulation of fertility, as well as access to health care for safe pregnancy and child birth. (Alcla: 1994; 10)

Factors effecting reproductive health include:

- Normal body weight: weighting too much or too little can put health at risk and can diminish fertility;
- Exercise is another factor playing an important positive role during reproductive years of life and is also helpful in having balanced weight;
- Unprotected sex is a crucial factor of reproductive health. It can lead to HIV/AIDS and sexually transmitted diseases.
- Another factor is pregnancy during 15-19 years of reproductive health. This is very dangerous and has the high risk of maternal deaths, abortion and infections (Khan R.R: 2006; 9-10).

Status of Adolescents Reproductive Health in Pakistan

The reproductive health status of adolescents has acquired increased attention in Pakistan in the recent years. There are about 30 million adolescents (15 - 19) which constitutes 23% of Pakistan's population. Those aged 10 - 24 years are 42 million and comprise almost a quarter of total population (PCO: 1998). This is an important target group for sensitization of reproductive health issues. The adolescents, who are at a stage of forming their habits and values, are about to enter their reproductive years of life and are strongly influenced by pears, are at great risk of unsafe sexual and social behavior which may put them at increased risk of HIV infection and other reproductive health problems (Chaudhary & Mir: 2004; 243-244). Adolescent marriage particularly among girls is still common in Pakistan. In the age group 15 – 19 years, 17 % of females get married, while in the age category of 20 - 24, about 54 % of females get married. These proportions are higher for rural women (42 % under 19). The recently conducted national level survey on adolescent and youth in Pakistan provides some indicators on teenage motherhood, reproductive physiology and related problems of youth in Pakistan. (Population Council: 2003). One such survey provides information about mothers' discussion with their daughters regarding reproductive health in Pakistan.

Table 1
Mothers Discussing With And Educating Their daughters About Reproductive
Health And Reasons For Out Discussing (%)

Residence/ Province	Discussed adolescent RH problems	Educating adolescents not Important	Shyness	Reason indecent/ culturally intolerable	Daughters will do herself	Others
All Women	37.6	56.8	31.0	19.9	32.9	18.2
Urban	46.1	45.3	28.0	19.5	30.7	21.7
Rural	32.8	62.0	32.0	20.0	33.6	15.8
Punjab	40.5	54.3	32.1	16.9	30.9	20.0
Sindh	43.0	61.8	24.8	19.8	40.7	14.8
NWFP	20.0	60.0	35.8	31.2	26.2	7.0
Balochistan	39.0	47.0	45.4	17.7	27.7	9.3

Source: PRHFPS 2000 - 2001

The above table indicates that Pakistan Reproductive Health and Family Planning surveys (PRHFPS) of 2000 – 01 do provide insight into the reproductive health related issues of adolescents. The findings show that about 38 % of mothers reported to have discussed reproductive health problem faced with their daughters, when they had attained puberty. About 57% women did not consider it important to educate their daughters about body and emotional changes and these proportions vary by the background and level of education of mothers.

Operational Barriers to Adolescents Reproductive Health in Pakistan

The operational barriers to adolescent reproductive health in Pakistan are: a) Limited information available to adolescents; b) Inability to obtain services.

Many adolescents in South Asia are poorly informed about sexual issues and reproductive health. Any information received is often incomplete and confused. Low levels of school attendance, lack of sex education and attitudes prohibiting discussion of sexual issues all confound to exacerbate ignorance on these matters (MC Cauley & Salter: 1995 and Boot Sara & Jejeehoy: 2002). Parents also experience difficulties in communicating with adolescents about sexual issues and may provide only limited or vague information. The Pakistan education system includes population, family planning and reproductive biology modules but there is no formal curriculum for sex education, which remains a taboo subject. The tacit assumption among adults and policy makers, as well as health and family planning service providers, seems to be that young people will get whatever information they need when it is proper – that is, when they are married. In fact community and school-based programs have encountered resistance to sexual and reproductive health training among adolescent, particularly due to lack of information sources, government policies that restrict sex education in curriculum, school authorities, teachers and parents (Javeed: 2003, Lal: 2002 & Masood: 1999).

Even the issue of adolescent sexuality has become a sticking point in international debate on population policies. The stand off is between two perspectives. One view is that providing adolescents with information about their sexuality and, especially, with reproductive health services will encourage early sexual activity and promiscuity. The opposite view holds that young people need information about their changing bodies and the implications of sexual activity in order to make more responsible and health-conscious decisions (Ashford, 1995; 24). The reality of adolescents Life which includes sexual abuse and rape, misconceptions and anxieties about their developing sexuality, lack of information about the other sex, pregnancy risks, and STIs is being denied out of fear that information will lead to an increase in premarital sex. As a result, even adolescents who are married and in need of sex education have no access to neutral information to protect their health and improve their sexual relations. (Khan: 1998, Mumtaz & Raouf: 1997)

Situation of Health in Lower Hunza, Northen Areas

The Northern Areas of Pakistan are spread over 72,496 square kilometers with a population of about one million people. The subdivision Hunza consists of two main regions; Upper Hunza and Lower Hunza. Lower Hunza administratively consists of Tehsil Ali Abad, and it is situated in district Gilgit. Karimabad is the capital of Hunza. Lower Hunza is an agrarian society and economy is based on agriculture, tourism and trade. The women play an important role in the fields and the people of the area are

peace-loving and simple in nature. The total population of Hunza, age and sex of adolescents in age group 15 -19 in Hunza sub-division is given in the following table.

Table 2
Population by Single Age Year from 15 – 19 by Sex in Hunza Sub-Division

Ago (in voorg)	S	Sex		
Age (in years)	Male	Female	Total	
All Ages	24040	22744	46784	
15	580	612	1192	
16	468	527	995	
17	461	413	874	
18	656	668	1324	
19	431	475	906	
15 – 19	2596	2695	5291	

Source: Statistical tables of 1998 population census

The Northern part of Pakistan is different from the country as climate is extreme and for several months of the year, it is harsh and barren with temperatures frequently below freezing. Female trained health professionals available to offer health services in the Northern Areas are very few and it may be attributed to as one of the main reasons for high rate of maternal deaths, because it is part of the culture that women can seek advice only from females. There is little knowledge about basic nutrition, and balanced intake of food, and the situation is exacerbated by cultural backlash, religious taboos and traditional habits.

Lower Hunza, like other Northern areas, with limited health facilities is trying to meet the needs of the people, but the coverage in far-flung areas is low because of dilapidated infrastructure, poor communication and limited funds. The major spending on health results in weak infrastructure and lack of trained health professionals especially in the far flung areas. Most of the population does not have access to health facilities. In the Northern areas and Chitral, immunization of children and pregnant women is a joint venture of govt. health department and AKHSP. Such joint ventures between the public and private sectors need to be strengthened if the dream of providing accessible, affordable and quality health services to every citizen of Pakistan is to be realized.

Before moving further and highlighting the level of knowledge or lack of it and prevalent attitude towards reproductive health among female adolescents in lower Hunza, it is important that the research methodology applied in this paper is explained and the key concepts discussed.

Research Methodology

The nature of present study is based on quantitative methodology. This study is exploratory because of the nature of the problem. Two different probability-sampling methods have been used for the selection of area and data collection. The simple random sampling and systematic random sampling have been used to conduct the present research. The sub-division of Hunza consists of two portions of the Lower and Upper Hunza. Through lottery, method of simple random sampling Lower Hunza was selected and the researchers took information from late female adolescents belonging to different villages of Lower Hunza. Systematic Sampling method was used by the researchers to collect data from the adolescences. 135 respondents were taken as sample size (10%) of total households, but at the end, the sample size remained 110, as twenty five questionnaires were not included because of non response by the respondents. Interview schedule was used as a tool to collect the data. Coded data was transferred in SPSS 14.0 version and was also used to construct simple tables. Chi-square tests and Co-efficient of Correlation had been used in the study to analyze the data and hypotheses with the help of SPSS (Statistical package for social science).

Key Concepts: The following are the key concepts used in research for present study:

Age: Age referred to: how old was the adolescent? Lower age (15-16) and higher age (17-19)

Adolescence Educational Status: The educational level of adolescents and the variable was divided into two categories; Low level represents educational level of adolescent up to class 8th and High level refers to educational level of adolescents more than class 8.

Family Type: It refers to the type of family in which adolescents were living either in joint or nuclear families.

Educational Status of Mother: It meant whether mother went to school or any institution to get education or not. It was divided into two categories: Literate (it means mother has received formal education), and Illiterate (it means mother has no formal education)

Knowledge about Sexually Transmitted Disease: It refers to the knowledge of adolescents about sexually transmitted infections. This variable was divided into: Having knowledge (Yes, to some extent), and No knowledge (no)

Main Source of Information following First Menstruation: It refers to the main source of information about puberty for adolescents. And mother is considered as the main source of information. This variable was operationalized into following categories; Mother, and Others (sister, friends)

Number of Children in Family: This refers to the total number of children in family. It was divided into; Less Children (1-6 children), and More children (seven and above).

Discussion on sexual intercourse: It referred to discussion about sexual intercourse. It was also divided into two categories; discussed (yes, to some extent) and not discussed

Discussion on Contraceptives Use: It is about discussion with adolescents about use of contraceptives. The variable was operationalized into: discussed (yes, to some extent) and not discussed (no)

Table 3 **Educational Status of Adolescents and Knowledge About Sexually Transmitted** Infections

Knowledge About Sexually	Adolescents Ed	7F 4 1	
Transmitted Infections	Low level (up to middle)	Total	
Having knowledge	8 (4)	12 (16)	20
No Knowledge	14 (18)	76 (72)	90
Total	22	88	110

Calculated value of Chi-square = 6.1 Coefficient of correlation = 0.2354

H_o = There is no relationship between educational status of adolescents and knowledge about sexually transmitted infections.

 H_1 = There is relationship between educational status of adolescents and knowledge about sexually transmitted infections.

As the calculated value of Chi-square is greater than its table value, the null hypothesis is rejected and alternate hypothesis is accepted and it is concluded that both adolescent's educational status and knowledge about sexually transmitted infections are related. According to the result the higher the educational status of adolescents, higher will be the knowledge about STIS and vice versa, therefore, coefficient of contingency is 0.2354, showing weak degree of association.

Table 4 Mother as Main Source of Advice Following First Menstruation and Family Type

Mother as Main Source of Information Following First	Famil	Total		
Menstruation	Joint	Nuclear	Total	
Mothers	15 (21.45)	44 (37.54)	59	
No Knowledge	25 (18.54)	26 (32.45)	51	
Total	40	70	110	

Calculated value of Chi-square = 6.1Coefficient of correlation = 0.2413

 H_0 = There is no relationship between mother as main source of information following first menstruation and nuclear families

 H_1 = There is relationship between mother as main source of information following first menstruation and nuclear families.

Since the calculated value of Chi-square is greater than its table value, it is concluded that family type and main source of information about puberty are interrelated.

Mother is the main source of information following first menstruation in nuclear families in adolescent girls. In view of statistical analysis, coefficient of contingency shows weak degree of association.

Table 5
Educational Status of Mother and Number of Children in Family

No of Children in Family	Educational St	Total	
No of Children in Family	Illiterate	Literate	Total
Less children	7 (25.52)	32 (13.44)	39
No Knowledge	65 (46.47)	6 (24.52)	71
Total	72	38	110

Calculated value of Chi-square = 60.29

Co efficient of correlation = 0.740

 H_o = There is no relationship between educational status of mother and number of children in family

 H_1 = There is relationship between educational status of mother and number of children in family.

As the calculated value of Chi-square is greater than its table value, it is concluded that there is relationship between educational status of mother and number of children in family. According to the result there is relation ship between two variables therefore, coefficient of contingency is 0.740, showing strong degree of association.

Table 6
Age and Discussion Sexual Intercourse

H_o = There is no relationship between age and discussion on sexual intercourse.

 H_1 = There is relationship between age and discussion on sexual intercourse.

Discussion on Convol Internation	Aş	Takal	
Discussion on Sexual Intercourse	Low age	High age	Total
Discussed	42 (39.2)	12 (16.8)	54
No Knowledge	35 (37.8)	21 (16.2)	56
Total	77	33	110

Calculated value of Chi-square = 6.1

Co efficient of correlation = 0.23

38

The calculated value of Chi-square is greater than its table value, thus it is concluded that there is relationship between age and discussion on sexual intercourse. Coefficient of contingency shows weak relationship between age and discussion about sexual intercourse.

Table 7
Adolescents Educational Status and Discussion on Contraceptive Use

Discussion about Contraceptive	Educational Stat	Total	
	Low level	High level	
Not Discussed	7 (10.2)	44 (47.2)	51
Discussed	15 (11.8)	44 (40.8)	59
Total	22	88	110

Calculated value of Chi-square = 6.1 Co efficient of correlation = 0.229

Ho = There is no relationship between adolescents educational status and discussion on contraceptive use.

H1 = There is relationship between adolescents educational status and discussion on contraceptive use.

The result shows relationship between educational level of adolescents and discussion on contraceptive use. Coefficient shows weak relationship between the variables.

The findings of the study reveal that the knowledge of late female adolescents in lower Hunza is not very much admirable, because adolescents still lack the knowledge about some aspects of reproductive health and some where their knowledge is based on misconceptions. It is observed from the findings of the study that majority of the respondents don't know the puberty, reproductive age of women, contraceptive use and mother was the main source of information following first menstruation and was considered the most important for educating adolescents about reproductive health. However, unfortunately majority of the mothers are illiterate and they themselves lack information about reproductive health, reproductive organs, normal physiology and dos and dons. Hence, they transfer limited knowledge to their daughters. The adolescents, knowledge is also based on misconceptions about reproductive health, as they consider masturbation harmful to health, but the review of medical literature reveals that it's not harmful to human's health. Another aspect is that these adolescents are well aware of societal norms and this is evident from the statement that adolescents agree that homosexual behavior and premarital sex is not allowed in the society.

Recommendations

• Adolescents must be thought and treated as a distinct segment of population with specific developmental needs. This understanding must be shared and discuss

- with public and non governmental institutions to work towards the development of a framework for adolescents reproductive health.
- Adolescents must be given access to reliable information on reproductive biology and sexuality through various programmatic interventions. Issues such as menstruation, and masturbation, and general sexuality are fraught with misconceptions and taboos. As a result, adolescents exhibit an anxiety level about their sexual development that is unhealthy and unnecessary.
- Print and electronic media can be utilized to address the reproductive health of adolescents.
- Provide information, education, and support to promote sexual and reproductive health of adolescents. Educating adolescents HIV / AIDS and sexually transmitted infections, puberty, sexual intercourse, reproductive biology will not encourage them to increase sexual activity, rather they will provide protection for them selves if they will be well aware of that.

Much more research needs to be done to be conducted on adolescent reproductive health related health topics including premarital sex.

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Appendix
Frequency and Percentage Distribution of Respondents According to Their
Knowledge and Attitude About Reproductive Health

Indicators	Frequency	Percent	Cumulative Percent					
I. Personal Profile								
Age Group(In years)								
15-16	77	70.0	70.0					
17-18	6	5.5	75.5					
19	27	24.5	100.0					
Total	110	100.0						
Respondents educationa	Respondents educational (level)							
Middle	22	20.0	20.0					
Matriculate	67	60.9	80.9					
Intermediate	21	19.1	100.0					
Total	110	100.0						
Family type		•						
Joint	40	36.4	36.4					
Nuclear	70	63.6	100.0					
Total	110	100.0						
Number of family mem	bers	1	1					
1-4	2	1.8	1.8					
5-8	26	23.6	25.5					
9-11	30	27.3	52.7					
12 and above	52	47.3	100.0					
Total	110	100.0						
II. Knowledge of Respon	ndents							
Puberty knowledge		1						
No	64	58.2	58.2					
Yes	46	41.8	100.0					
Total	110	100.0						
Knowledge about wome	•		70.2					
No	86	78.2	78.2					
Yes	24 110	21.8	100.0					
Total Knowledge abut STIs	110	100.0						
No	20	18.2	18.2					
To some extent	45	40.9	59.1					
Yes	45	40.9	100.0					
Total	110	100.0	100.0					
Knowledge about wome		1	I					
No	31	28.2	28.2					
To some extent	39	35.5	63.6					
Yes	40	36.4	100.0					
- ~								

Total	110		10	00.0		
Indicators	Frequency		Percent		Cumulative Percent	
Knowledge about women's reproductive age						
No	86			8.2	78.2	
Yes	24		2	1.8	100.0	
Total	110		100.0			
Knowledge abut STIs						
No	20		18.2		18.2	
To some extent	45		4	0.9		59.1
Yes	45		4	0.9		100.0
Total	110		10	0.00		
Knowledge about trans	mission rou	tes of	HIV	/Aids		
Not applicable		27		24	1.5	24.5
Sexual intercourse with person	infected	16	,	14	1.5	39.1
From infected mother t	o baby	3	2.		.7	41.8
Blood transfusion		8	7.		.3	49.1
razors or blades use by infected person		4	3.		.6	52.7
All of the above		52	,	47	'.3	100.0
Total		110	0	10	0.0	
Knowledge about mean	s of prevent	tion fr	om S	STDs		
No	55			0.0		50.0
To some extent	31			8.2		78.2
Yes	24			1.8		100.0
Total	110		10	0.00		
FP knowledge	1					
No	3			2.7		2.7
To some extent	20		18.2		20.9	
Yes	87		79.1		100.0	
Total	110		100.0			
III. Discussion by respondents Discussion on sexual intercourse						
No	54		49.1		49.1	
To some extent	24		21.8		70.9	
Yes	32		29.1			100.0
Total	110		100.0			
Discussion on contrace			ı			
No	51			6.4		46.4
To some extent	25		2	2.7		69.1

Yes	34	30.9	100.0				
Total	110	100.0					
Discussion on body changes							
No	15	13.6	13.6				
To some extent	34	30.9	44.5				
Yes	61	55.5	100.0				
Total	110	100.0					
Facing problems during	adolescence						
No	3	2.7	2.7				
To some extent	9	8.2	10.9				
Yes	98	89.1	100.0				
Total	110	100.0					
Indicators	Frequency	Percent	Cumulative Percent				
Appropriate age to info	rm about sexual h	ealth					
12-14 years	49	44.5	44.5				
15-16 years	45	40.9	85.5				
17-19 years	16	14.5	100.0				
Total	110	100.0					
Opinion for teaching about puberty							
To some extent	9	8.2	8.2				
Yes	101	91.8	100.0				
Total	110	100.0					

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