

**ABSTRACT BACKGROUND:** Adolescence is ideally a healthy period, having the lowest mortality and morbidity compared with other population age groups. Adolescence is the transitional stage of development between childhood and full adulthood, representing the period of time during which a person is biologically adult but emotionally not at full maturity. Puberty is a unique and distinctive period and is characterized by certain developmental changes that occur in no other time in life span. During adolescence, puberty can occur at

anytime between ages thirteen to nineteen year.

**MATERIAL AND METHODS:** It was a Community based cross sectional study. The study was carried out at senior secondary Govt. and private school (students from class  $11^{\text{th}}$  to  $12^{\text{th}}$ ) of Patna city. All the school going students of class  $11^{\text{th}}$  and  $12^{\text{th}}$  (late adolescents) of selected schools of Patna city were selected as participants. The proposed study duration was 6 months, Sample size of 800 was calculated at 95% confidence interval and  $\alpha$  error of 0.05 assuming willingness for better perception of reproductive health among school going late adolescent level 76.3%.

**CONCLUSION:** The present study revealed that the majority of the adolescents have correct knowledge about puberty, pregnancy and childbirth, family planning methods, STDs, and request for treatment. Moreover, adolescents had correct knowledge about the appropriate age for marriage and HIV than other STDs. Regarding the hygiene practices, most students had correct practices with respect to menstruation, while a few had incorrect practices. The majority had positive attitudes regarding RH, while a few had negative attitudes. The main reason behind high awareness and knowledge among adolescents about reproductive health is due to change in educational system and easy access to internet. Improved education status of parents also plays an important contribution towards this.

# **KEYWORDS**: School going adolescents, Childhood, Full adulthood.

## INTRODUCTION

Adolescence is ideally a healthy period, having the lowest mortality and morbidity compared with other population age groups. Adolescence is the transitional stage of development between childhood and full adulthood, representing the period of time during which a person is biologically adult but emotionally not at full maturity. During this period of life, most children go through the various physical developmental stages of puberty, which often begin around the age of 13. Most of the adolescentsgo this phase with little or no knowledge of the body's impending physical and physiological changes.

Adolescence is a period when the individual is vulnerable and exposure to sexually implicit/explicit programs on television and internet can influence their sexual behaviour and make them more permissive towards premarital sex, which is known to influence their academic performance. This can be modified by parental discussion on these matters with their children. There are nearly 1.2 billion adolescents (10-19 years old) worldwide. Around 243 million of them live in India. From the total population of the adolescents and around 8.7% of the total population is male adolescents and around 8.7% of the total population.

The reproductive and sexual health of young adults is a growing global public health issue. Reproductive health is a vulnerable and complex matter since it is concerned with culture, norm, belief, diverse customs and traditions. The health related problems and needs of the young adults are different from that of the others.

The fact that young adults are now exposed to many kind of changes in values- social, cultural, material and media influence- results in corresponding changes in their typical lifestyle<sup>v</sup>.

Sex education is defined as a broad program that aims to build a strong foundation for lifelong sexual health by acquiring information and attitudes, beliefs and values about one's identity, relationships, and intimacy. Primarily, during adolescence (10-19 years) its provision is a crucial preventative tool, as it is the opportune time when young people experience developmental changes in their physiology and behaviour as they enter adulthood<sup>vi</sup>.

### AIMAND OBJECTIVES

· To study the awareness and perception of reproductive health

among school going late adolescents (class  $11^{\rm th}$  and  $12^{\rm th}$  ) and factors associated with it.

- To find out the awareness and perception about reproductive health among school going late adolescents of class 11<sup>th</sup> and 12<sup>th</sup>.
- To determine the factors (socio-demographic, academic factors) associated with awareness and perception of reproductive health among school going late adolescents of class 11<sup>th</sup> and 12<sup>th</sup>.

## MATERIALAND METHODS

**Permission:** It was a Community based cross sectional study. At Nalanda Medical College and Hospital Patna Bihar.

Study period: The proposed study duration was 6 months.

**Sample size:** Sample size was calculated at 95% confidence interval and  $\alpha$  error of 0.05 assuming willingness for better perception of reproductive health among school going late adolescent level 76.3% as per seed article 2.At an absolute allowable error of 3% the required sample size for this study was 772 which was further rounded off to 800 as final sample size.

### **INCLUSION CRITERIA**

- Schools having co-education facility and having all three streams i.e. Science, Commerce and arts were included in the present study.
- School students of class 11th to 12<sup>th</sup>
- Student between age 16 to 19 years
- Students present on the day of study

## **EXCLUSION CRITERIA**

- · Absent students during two visits of school for study survey.
- Student on psychiatric consultation or critical ill.
- · Those who refused to participate in the present study

#### RESULTS Table 1: Age of Respondent

| 32.6<br>34.3 |
|--------------|
| 34.3         |
|              |
| 33.1         |
| 100.0        |
|              |

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The above result showed that highest participants (34.3%) were 17 year of age.

# Table 2: Sex Distribution of Study Population

| Sex    | Frequency | Percent |  |
|--------|-----------|---------|--|
| Female | 413       | 51.6    |  |
| Male   | 387       | 48.4    |  |
| Total  | 800       | 100.0   |  |

Above result showed that majority was of female respondents (51.6%) and remaining (48.4%) were males.

## Table 3: Awareness regarding the process of conception

| Process of conception        | Sex   | Total  |        |        |
|------------------------------|-------|--------|--------|--------|
|                              |       | Male   | Female |        |
| When male & female do        | Count | 197    | 204    | 401    |
| intercourse.                 | %     | 50.9%  | 49.4%  | 50.1%  |
| When sperms of male enter in | Count | 190    | 209    | 399    |
| ovum of female               | %     | 49.1%  | 50.6%  | 49.9%  |
| Total                        | Count | 387    | 413    | 800    |
|                              | %     | 100.0% | 100.0% | 100.0% |

As per the results, majority of the males (50.9%) feel that female conceives when male and female do intercourse. On the other hand, majority of the females (50.6%) feel that female conceives when sperms of male enter into ovum of female.

#### Table 4: Individuals with whom adolescents share private talks

| Individuals with whom add | Sex   |        | Total  |        |
|---------------------------|-------|--------|--------|--------|
| share private talks       |       | Male   | Female |        |
| Mother                    | Count | 66     | 83     | 149    |
|                           | %     | 17.1%  | 20.1%  | 18.6%  |
| Father                    | Count | 61     | 70     | 131    |
|                           | %     | 15.8%  | 16.9%  | 16.4%  |
| Classmate                 | Count | 64     | 67     | 131    |
|                           | %     | 16.5%  | 16.2%  | 16.4%  |
| Cousins                   | Count | 68     | 66     | 134    |
|                           | %     | 17.6%  | 16.0%  | 16.8%  |
| Friend                    | Count | 62     | 54     | 116    |
|                           | %     | 16.0%  | 13.1%  | 14.5%  |
| Do not discuss            | Count | 66     | 73     | 139    |
|                           | %     | 17.1%  | 17.7%  | 17.4%  |
| Total                     | Count | 387    | 413    | 800    |
|                           | %     | 100.0% | 100.0% | 100.0% |

As per the results, highest number of males (17.6%) shares their private talks with cousins whereas highest number of females (20.1%) shares with their father.

#### Table 5: Source of exposure to sex related literature/visuals

| Source              |       | Se     | Total  |        |
|---------------------|-------|--------|--------|--------|
|                     |       | Male   | Female |        |
| Magazine            | Count | 74     | 89     | 163    |
|                     | %     | 19.1%  | 21.5%  | 20.4%  |
| Sex Related photo   | Count | 83     | 78     | 161    |
|                     | %     | 21.4%  | 18.9%  | 20.1%  |
| Adult movies        | Count | 85     | 85     | 170    |
|                     | %     | 22.0%  | 20.6%  | 21.3%  |
| Website of sex on   | Count | 82     | 87     | 169    |
| internet            | %     | 21.2%  | 21.1%  | 21.1%  |
| Do not want to tell | Count | 63     | 74     | 137    |
|                     | %     | 16.3%  | 17.9%  | 17.1%  |
| Total               | Count | 387    | 413    | 800    |
|                     | %     | 100.0% | 100.0% | 100.0% |

As per the above table, highest number of male participants (22%) watches adult movies, whereas, highest number of female participants (21.5%) refer magazines to gain reproduction and sex education.

# Table 6: Awareness about person responsible for determining the sex of the foetus

| Person re          | Sex                                | Total |      |        |     |  |
|--------------------|------------------------------------|-------|------|--------|-----|--|
| sex of the foetus. |                                    |       | Male | Female |     |  |
| Mother             |                                    | Count | 134  | 151    | 285 |  |
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|        | %     | 34.6%  | 36.6%  | 35.6%  |
|--------|-------|--------|--------|--------|
| Father | Count | 135    | 119    | 254    |
|        | %     | 34.9%  | 28.8%  | 31.8%  |
| Both   | Count | 118    | 143    | 261    |
|        | %     | 30.5%  | 34.6%  | 32.6%  |
| Total  | Count | 387    | 413    | 800    |
|        | %     | 100.0% | 100.0% | 100.0% |

 Table 7: Individual with who adolescent discuss various sexual and reproductive health problems

| Person           | Sex   | Total  |        |        |
|------------------|-------|--------|--------|--------|
|                  |       | Male   | Female |        |
| Mother           | Count | 58     | 74     | 132    |
|                  | %     | 15.0%  | 17.9%  | 15.9%  |
| Friends          | Count | 59     | 53     | 112    |
|                  | %     | 15.2%  | 12.8%  | 14.0%  |
| Father           | Count | 53     | 49     | 102    |
|                  | %     | 13.7%  | 11.9%  | 13.4%  |
| Brothers/Sisters | Count | 53     | 49     | 102    |
|                  | %     | 13.7%  | 11.9%  | 12.8%  |
| Relatives        | Count | 65     | 59     | 124    |
|                  | %     | 16.8%  | 14.3%  | 15.5%  |
| Teacher          | Count | 45     | 59     | 104    |
|                  | %     | 11.6%  | 14.3%  | 13.0%  |
| Doctor           | Count | 54     | 70     | 124    |
|                  | %     | 14.0%  | 16.9%  | 15.5%  |
| Total            | Count | 387    | 413    | 800    |
|                  | %     | 100.0% | 100.0% | 100.0% |

As per the above table, highest (16.8%) of the male respondents said that they consult relative about problems related to reproductive and sexual health. On the other hand, highest (17.9%) of the female participants consult mother about problems related to reproductive and sexual health.

| Table | 8:   | Good    | Source   | Of | Awareness | About | Family | Planning |
|-------|------|---------|----------|----|-----------|-------|--------|----------|
| Accor | ding | g To Ac | dolescen | ts |           |       |        |          |

| Source of awa | Source of awareness |        | Sex    |        |  |
|---------------|---------------------|--------|--------|--------|--|
|               |                     | Male   | Female |        |  |
| Speech        | Count               | 32     | 30     | 62     |  |
|               | %                   | 8.3%   | 7.3%   | 7.8%   |  |
| Radio         | Count               | 30     | 28     | 58     |  |
|               | %                   | 7.8%   | 6.8%   | 7.2%   |  |
| T.V           | Count               | 36     | 39     | 75     |  |
|               | %                   | 9.3%   | 9.4%   | 9.4%   |  |
| News reel     | Count               | 31     | 41     | 72     |  |
|               | %                   | 8.0%   | 9.9%   | 9.0%   |  |
| Poster        | Count               | 33     | 32     | 65     |  |
|               | %                   | 8.5%   | 7.7%   | 8.1%   |  |
| Internet      | Count               | 43     | 34     | 77     |  |
|               | %                   | 11.1%  | 8.2%   | 9.6%   |  |
| Books         | Count               | 37     | 40     | 77     |  |
|               | %                   | 9.6%   | 9.7%   | 9.6%   |  |
| Parents       | Count               | 33     | 36     | 69     |  |
|               | %                   | 8.5%   | 8.7%   | 8.6%   |  |
| Peer group    | Count               | 20     | 41     | 61     |  |
|               | %                   | 5.2%   | 9.9%   | 7.6%   |  |
| Teacher       | Count               | 31     | 30     | 61     |  |
|               | %                   | 8.0%   | 7.3%   | 7.6%   |  |
| Counsellor    | Count               | 37     | 29     | 66     |  |
|               | %                   | 9.6%   | 7.0%   | 8.3%   |  |
| Doctor        | Count               | 24     | 33     | 57     |  |
|               | %                   | 6.2%   | 8.0%   | 7.1%   |  |
| Total         | Count               | 387    | 413    | 800    |  |
|               | %                   | 100.0% | 100.0% | 100.0% |  |

As per the results, highest number of male respondents (11.1%) feels that internet is good source of gaining knowledge about family planning, whereas higher number of female respondents (9.9%) feels that peer group is best source for gaining knowledge about family planning. From the above result it would showed that 97.3% of respondent age 16 years were highly aware. On the other hand 2.7% were less aware. 97.4% of respondent age of 17 yeas highly aware but

2.6% respondents was less aware. Respondents of age 18 years out of 97.5% were highly aware whereas 2.5% were less aware.

# Table 10: Association between awareness and Gender of study population

| Sex    | Awareness          | Total           | P- value |       |
|--------|--------------------|-----------------|----------|-------|
|        | Highly Aware n (%) | Less Awaren (%) |          |       |
| Male   | 378 (97.6)         | 9 (2.4)         | 387      | >0.05 |
| Female | 402 (97.3)         | 11 (2.7)        | 413      |       |
| Total  | 780 (97.5)         | 20 (2.5)        | 800      |       |

From the above result it can be seen that 97.6% were males was highly aware. On the other hand 2.4% were less aware. 97.3% of females were highly aware whereas 2.7% were less aware.

Table 11: Association of awareness regarding menstrual cycle with age of the respondents

| What do you know                                               | What do you know about |        |        | Age of respondent |        |       |
|----------------------------------------------------------------|------------------------|--------|--------|-------------------|--------|-------|
| menstrual cycle? N                                             | (%)                    | 16     | 17     | 18                |        | value |
|                                                                |                        | years  | years  | years             |        |       |
| Dirty blood comes                                              | Count                  | 31     | 41     | 28                | 100    | >0.05 |
| out in menstrual cycle                                         | %                      | 25.8%  | 26.3%  | 20.4%             | 24.2%  |       |
| Menstrual Cycle                                                | Count                  | 28     | 33     | 29                | 90     |       |
| starts at puberty.                                             | %                      | 23.3%  | 21.2%  | 21.2%             | 21.8%  |       |
| Sign of reproductive                                           | Count                  | 38     | 40     | 41                | 119    |       |
| maturity                                                       | %                      | 31.7%  | 25.6%  | 29.9%             | 28.8%  |       |
| It is a physical                                               | Count                  | 23     | 42     | 39                | 104    |       |
| process in which<br>blood comes out from<br>vagina every month | %                      | 19.2%  | 26.9%  | 28.5%             | 25.20% |       |
| Total                                                          | Count                  | 120    | 156    | 137               | 413    |       |
|                                                                | %                      | 100.0% | 100.0% | 100.0%            | 100.0% |       |

From the above result it can be seen that 25.8% of age of respondent of 16 years were comes under Dirty blood comes out in menstrual cycle other than 26.3% of respondent of 17 years and 20.4 of age 18 years respondent also comes under this. 23.3% of 16 years were comes under Menstrual Cycle starts at puberty and respondent of 17 years 21.2% and respondent of age 18 years 21.2% also comes under Menstrual Cycle starts at puberty.

31.7% of respondent age of 16 years comes under Sign of reproductive maturity whereas 25.6% of age 17 years and 29.9% of age 18 years were also categorized in Sign of reproductive maturity

Respondent of age 16 years 19.2% of them were know about It is a physical process in which blood comes out from vagina every month ,26.9% of age 17 years and 28.5% of age 18 years were also know about It is a physical process in which blood comes out from vagina every month.

# Table 9: Association of awareness regarding menstrual cycle with sex of the respondents

| What do you know about                           | N (%) | N (%) Sex |        | Total  | P-     |
|--------------------------------------------------|-------|-----------|--------|--------|--------|
| menstrual cycle?                                 |       | Male      | Female |        | value  |
| Dirty blood comes out in menstrual cycle         | Count | 0         | 105    | 105    | < 0.05 |
|                                                  | %     | 0.0%      | 25.4%  | 13.1%  |        |
| Menstrual Cycle starts at puberty.               | Count | 0         | 94     | 94     |        |
|                                                  | %     | 0.0%      | 22.8%  | 11.8%  |        |
| Sign of reproductive maturity                    | Count | 0         | 110    | 110    |        |
|                                                  | %     | 0.0%      | 26.6%  | 13.8%  |        |
| It is a physical process in                      | Count | 0         | 104    | 104    |        |
| which blood comes out<br>from vagina every month | %     | 0.0%      | 25.2%  | 13.0%  |        |
| NA                                               | Count | 387       | 0      | 387    |        |
|                                                  | %     | 100.0%    | 0.0%   | 48.4%  |        |
| Total                                            | Count | 387       | 413    | 800    |        |
|                                                  | %     | 100.0%    | 100.0% | 100.0% |        |

Result showed that 25.4% of female know about the Dirty blood comes out in menstrual cycle. 22.8% of female know about the Menstrual Cycle starts at puberty. 26.6% of female know about the Sign of reproductive maturity. 25.2% of female know about the It is a physical process in which blood comes out from vagina every month.

| Table 12: Association of age of the adolescent with awareness in |
|------------------------------------------------------------------|
| context with intercourse during menstruation and pregnancy       |

| Can a woman get                                      | N (%) | Age of respondent |        |        | Total  | P -   |
|------------------------------------------------------|-------|-------------------|--------|--------|--------|-------|
| pregnant after<br>intercourse<br>duringmenstruation? |       | 16                | 17     | 18     |        | value |
| No                                                   | Count | 162               | 171    | 166    | 499    | >0.05 |
|                                                      | %     | 62.1%             | 62.4%  | 62.6%  | 62.3%  |       |
| Yes                                                  | Count | 61                | 82     | 75     | 218    |       |
|                                                      | %     | 23.4%             | 29.9%  | 28.3%  | 27.2%  |       |
| Do not know                                          | Count | 38                | 21     | 24     | 83     |       |
|                                                      | %     | 14.5%             | 7.7%   | 9.1%   | 10.3%  |       |
| Total                                                | Count | 261               | 274    | 265    | 800    |       |
|                                                      | %     | 100.0%            | 100.0% | 100.0% | 100.0% |       |

From the above result 62.1% of age 16 years respondents know that a woman do not get pregnant after intercourse during menstruation whereas 62.4% of age group 17 years 62.6% of age 18 years know that a woman do not get pregnant after intercourse during menstruation. 14.5% of age 16 years respondents didn't knows can a woman get pregnant after intercourse during menstruation. Whereas 7.7% of 17 years didn't know cans a woman get pregnant after intercourse during menstruation 9.1% of age 18 years didn't know can a woman get pregnant after intercourse during menstruation. 23.4% of age 16 years respondent know about the woman get pregnant after intercourse during menstruation. 29.9% of age group of 17 years knows about the woman get pregnant after intercourse during menstruation. 28.3% of age 18 years respondent were known about woman get pregnant after intercourse during menstruation. 28.3% of age 18 years respondent were known about woman get pregnant after intercourse during menstruation. 28.3% of age 18 years respondent were known about woman get pregnant after intercourse during menstruation. 28.3% of age 18 years respondent were known about woman get pregnant after intercourse during menstruation.

# Table 13: Perception of adolescents in context with reproductive health education

| Reproductive health education is an important subject matter | Frequency | Percent |
|--------------------------------------------------------------|-----------|---------|
| Agree                                                        | 780       | 97.5    |
| Disagree                                                     | 9         | 1.1     |
| Don't Know                                                   | 11        | 1.4     |
| Total                                                        | 800       | 100.0   |

In the current study it was found that 97.5% of the participants agreed that reproductive health education is an important subject matter.

| Table 14: Perception of adolescents in context with reproductive |
|------------------------------------------------------------------|
| health education in Indian education system                      |

| The India education system is not ready for | Frequency | Percent |
|---------------------------------------------|-----------|---------|
| reproductive health education               |           |         |
| Agree                                       | 280       | 35.0    |
| Disagree                                    | 259       | 32.4    |
| Don't Know                                  | 261       | 32.6    |
| Total                                       | 800       | 100.0   |

In the present study it was found that 35.0% of the participants agreed that the Indian education system is not ready for reproductive health education.

# Table 15: Perception of adolescents regarding the role of reproductive health education in prevention of teenage pregnancy

| I think reproductive health education is<br>helpful towards preventing teenage<br>pregnancy among the youth | Frequency | Percent |
|-------------------------------------------------------------------------------------------------------------|-----------|---------|
| Agree                                                                                                       | 780       | 97.5    |
| Don't Know                                                                                                  | 20        | 2.5     |
| Total                                                                                                       | 800       | 100.0   |

In the current study 48.4 % of the participants were male and 51.6% of participants were females. On the other hand, in the study of Gupta et al. (2015), 62.9% of the participants were male and 37.0% of the participants were female. Furthermore, the current study the 100% parents are educated on the other hand in the study of Iqbal et al. (2017), 75.3% parents are educated and 24.7% parents are uneducated. In the current study it was found that 97.5% of the participants agreed that reproductive health education is an important subject, 1.1% of them had disagreed and 1.4% of them don't know about it. On the other hand, in the study of Kapinga and Hyera (2015)<sup>k</sup>, 74% of the

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participants had agreed, 17% of them had disagreed and 9% don't know about it. As per the current study, majority of the participants had knowledge HIV/AIDS. Similarly, Gupta et al. (2015)<sup>7</sup> found that majority of the participants had knowledge regarding HIV/AIDS.

## CONCLUSION

In the light of the current study findings, it is concluded that RH knowledge among the adolescents was satisfactory based. Majority of the participants had awareness regarding reproductive health. The present study revealed that the majority of the adolescents have correct knowledge about puberty, pregnancy and childbirth, family planning methods, STDs, and request for treatment. Moreover, adolescents had correct knowledge about the appropriate age for marriage and HIV than other STDs. Regarding the hygiene practices, most students had correct practices with respect to menstruation, while a few had incorrect practices. The majority had positive attitudes regarding RH, while a few had negative attitudes.

#### REFERENCES

- Kanyadi S. A Community Based Cross-Sectional Study on Awareness Regarding Pubertal Changes and Reproductive Health among Adolescent Girls in an Urban Area of 1.
- Palegavi, National Journal of Community Medicine. 2018;9(12):846-50. Kumar SR. et al. Interaction of media, sexual activity and academic achievement in adolescents. Med J Armed Forces India. 2013;69(2):138-43. 2.
- adorsectins. Med 9 Annee 1 Voltem Mar. 2007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10:1007;10 3.
- 4. Nair, MKC, Sexual Reproductive Health of Young People. Jaypee Brothers, New Delhi. 5.
- 2006. 6. Datta ss, Majumder N. Sex education in the school and college curricula: Need of the
- hour. J Clin Diagn Res. 2012;Suppl 6(7):1362-4. Gupta. M. et al. Inequity in awareness and utilization of adolescent reproductive and 7 sexual health services in union territory, Chandigarh, North India. Indian Journal of public health. 2015;59(1):9-17.
- 8. Iqwal. S. et al. Perceptions of adolescents' sexual and reproductive health and rights; a
- cross-sectional study in Lahore District, Pakistan. BMC. International Health and Human Rights.2017;17(5).
- Kaping, Os. And Hyera, DF. Pupil's Perceptions of Sex and Reproductive Health Education in Primary Schools in Tanzania: A phenomenological study. Journal of 10. Education and Practice. 2015;6(6):106-113.