



**RELATIONSHIP BETWEEN KNOWLEDGE AND HEALTH SEEKING  
BEHAVIOURS FOR SEXUALLY TRANSMITTED INFECTIONS (STI)  
AMONG YOUNG WOMEN IN UMUAHIA URBAN, ABIA STATE**

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**ABSTRACT**

sexually Transmitted Infections and HIV/AIDS are prevalent among young *women* especially those of reproductive ages. Their occurrence could severely compromise women's health, fertility, productivity and survival. Despite the vital role young women play in national development, there are little researches on the assessment of their health-seeking behaviours. This study therefore, investigated some psychological and social factors predicting health-seeking behaviours for sexually transmitted infections among young women in Umuahia

Urban, Abia State. One of the factors is knowledge. A descriptive survey research design of an ex-post factor was adopted for the study. Young women who were infected with Sexually Transmitted Infections and were treatment from Government Hospitals in Umuahia Urban, were randomly selected through a randomized equal basis cluster process. A test battery on health-seeking behavior of young women titled: "Women's Perception on Seeking Behaviour (WPHSB) was used to collect the data. One hypothesis was tested in the study. multiple regression and r- correlation coefficient was used to analyse the data at 0.05 significance. There was significant relationship between Knowledge and health-seeking behaviours of the subjects. Based on the findings it is recommended that there should constant evaluation of programmes by all Agencies involved to assess the level of progress made and provision of better models for more effective achievement in equipping our adolescent with enough information to protect themselves from the dynamic challenges of sex and its consequences.

**KEYWORDS:** Relationship, Knowledge, Health Seeking Behaviours, Sexually Transmitted

Infections (STI).

## INTRODUCTION

The health care system in Nigeria is regarded as one of the most fragile in Africa, and it is characterized by many factors such as poor budget allocation bureaucracy and poor service delivery,. Aral (2001), states that the fundamentally of health is the mechanism of societal survival. However, health seeking behaviour places more pressure on some group of people, most especially the young women because of the stress involved in maternal adjustment.

According to WHO report (2002), Young women in developing countries and even in some developed countries not only lack adequate education on the concept of seeking good health which could become a problem, there is also insufficient attention paid to gender in the training of health professionals and health care workers, and lack of awareness and sensitivity with respect to gender concerns and disparities in the biomedical community (Vlassoff and Moreno 2002). In the developing world, women from the low- income group are often required to play multiple roles such as productive and community managing activities, while men primarily undertake productive and community political activities (World Bank Group, 2004). In fact, women have multiple roles and double or triple work shifts in the formal and I informal workforce. It is therefore, very obvious that a good health status of women is a pre-requisite for the good health of the whole family, and by extension of communities and society (WHO, 1994). It means that women's health is a societal issue and improving the health and well being of women directly or indirectly improves not only the women's lives, but also those of their children and contributes to improved households and community welfare (WHO, 1995).

In Most Rural Nigerian Communities, men see women as acquired vessels that can be manipulated to suit their purposes. For this reason, most women are subjected to having secondary opinions when it comes to important issues and decision making, including that which, concerns their health, Although, modern education and civilization are creating awareness and women are beginning to know their rights; all these have both physical and psychological effects on the women. It therefore implies that as our young women seek good health, knowledge towards securing good health behaviour, their psychological frame and self-efficacy will be enhanced.

Sexually transmitted infections (STI) and HIV/AIDS are prevalent among women especially the younger ones. Sexually transmitted infections (STIs) as the name implies are mainly transmitted through sexual intercourse (Nwoke et al.,2009). Examples of major sexually transmitted infections in man include

Syphilis, Gonorrhoea, Chlamydia, Trichomonas and Human Immunodeficiency Virus (H.IV). Sexually transmitted infections affect men and women of all ages, but women are biologically more susceptible to this group of infections than men. (Nwoke et al., 2009).

In addition to the biological factors, there are inherent socio-cultural issues which have encouraged higher sexually transmitted infections. For instance, in some societies, women have little or no control over decisions relating to sexuality, nor do they have control over the sexual behaviour of their partners. Feroli and Burstein (2003) state that lack of health insurance or the inability to pay for services and lack of transportation are barriers to seeking care on sexually transmitted infections care in some parts of the developing countries.

Religious beliefs and injunctions such as seen in Islamic religion where women are not allowed to talk about genital organ problems to male doctors, or to attend clinics without their husband's permission makes it difficult for the affected women to receive healthcare services. The prevalence of health problems in developing countries has been facilitated by poor cooperation and negative attitude towards health workers (Prasad et al., 2005). In addition, very little attention is devoted to the need to educate women in seeking good health attention. Educating women on how to seek medical attention is to encourage early reporting at the health centre and adequate management to reduce disability and complications and to encourage the use of protective measures so that the sexually active individual exposed to infections may change her behaviour and attitude to reduce the risk of STIs. The global situation of sexually transmitted infections constitutes a major public health problem.

### **Statement of the Problem**

The occurrence of sexually transmitted infection could severely compromise women's fertility and productivity as well as survival and effectiveness of health care programmes. It is generally believed that orthodox medicine is effective, but the behavioural effort of the individual has a lot to do with its efficacy. This study therefore investigates the psychological and social factors of health - seeking behaviour of young women. From available literature, few researches have been conducted on health - seeking behaviour of young women in Umuahia metropolis. What researchers have always focused on is STDs and their impact on women.

The problem of sexually transmitted infections (STIs) and other sexually transmitted infections are on the increase, and there is not enough determination on the part of the researchers to study the impact of psychological and social factors such as age, knowledge, attitude, belief as

well as self-efficacy on health - seeking behaviour of young women. The problem of this study therefore is to determine the extent to which psychological and social factors predict health seeking behaviour for sexually transmitted infections among young women in Umuahia Metropolis.

### **Objective of the Study**

(iii) To determine the impact of knowledge on health - seeking behavior of young women.

**Hypothesis:** There will be no significant relationship between knowledge of STIs and health-seeking behaviour of young women.

## **METHODOLOGY**

### **Research Design**

This study is a descriptive survey. It adopts the ex-post factor research approach. The study seeks to determine young women's health-seeking behaviour, particularly those who are infected with sexually transmitted infections. This survey will not only explore the existing phenomena of the infections, but also useful in comparing the conditions which pre-determine criteria for evaluating the effectiveness of the study implementation.

### **Area of Study**

The area of study is Umuahia urban in Abia State of Nigeria. Umuahia urban is made up of Umuahia South LGA and Umuahia North LGA.

Umuahia urban is highly populated with many health care facilities, both government and private owned hospitals. Being the capital city of the state, is highly populated with young men and women that are within the ages of reproduction and the high social activities associated with this age, predisposes the youths to unsafe sexual activities which make them prone to sexually transmitted infections,

### **Population of the Study**

The population of this study will cover all young women in Umuahia urban of Abia State who are infected with STI, and are receiving treatment in the government owned hospitals. The population is estimated to be all young women within the age range of 18-40 years.

### **Sample and Sampling Technique**

The sample was drawn from Umuahia South and Umuahia North Local Government Areas. The

samples were drawn from population of young women who have been diagnosed as having sexually transmitted infections and are receiving treatment in government owned hospitals. Every available patient within the period of four weeks were used. Their ages range from 18- 40. Government hospitals covered were Federal Medical Centre (FMC), Umuahia, Amachara General Hospital Umuahia, Michael Okpara University clinic, Umudike.

## **Instrumentation**

### **Development of the instrument**

The study utilized a test battery on health seeking behaviour of women, titled Women's Perception on Health Seeking Behaviour (WPHSB). The WPHSB is designed to elicit information on the Psychological and social factors that impact on women's desire to seek medical health. The instrument is divided into seven sections.

Ten copies of the validated instrument was admitted during the first contact with the patients, another ten was administered to the health workers. Contact with the patients was made twice a week for a period of four weeks, and on each contact questionnaire were administered.

### **Validation of the instrument**

The instrument (WPHSB) had been subjected to the scrutiny of experts in guidance and counseling and the researcher's supervisor for content validation. A trial test was done after the initial draft was scrutinized by this expert to ensure that ambiguous items were modified or deleted.

### **Reliability of the instrument**

The reliability coefficient of the instrument was determined after using the linkert form point scale. The individual aggregate score was then obtained based on the opinion that was ticked by respondents using the scale value for either positive or negative statement for the instrument was found to have a reliability significant level of 0.05 which was considered adequate for the study.

Section "A" focused on personal and bio-data of the testees. Section "B" was used to source information on the respondents' knowledge of sexually transmitted infections (STIs), while section "C" focused on items about the respondents' attitude to STIs. Section "D" addressed items on their belief on STIs, section "E" focused on Health-seeking Behaviour Scale and section "F"

provided information on perceived self-efficacy scale. These were the variables tested in this study. The questionnaire was constructed to form the four- point Likert- type scale, which were represented as follows; "4-point scale strongly agreed", "3-point scale^ agreed", "2-point scale= disagreed" and "1 -point scale= strongly disagreed", as well as 'not at all true=1", "hardly true=2", "moderately true= 3", and "exactly true= 4" which were used for the items in section F.

### **Method of Data Collection**

The researcher personally administered the questionnaires with some search assistants. A covering letter from the Head, Department of psychological Foundations, Abia State University, Uturu, was taken to the locations of administration in various hospitals used for this research. The research assistants were given orientation training exercise on the process of collecting data as well as the appropriate manner of dispositions toward the respondents. On administration, the researcher sought for written permission from the authorities of the hospitals. Before administering the questionnaire, the researcher made a formal introduction, as well as presented the purpose of the study to the respondents. This is necessary in order to gain their confidence and sincerity when answering the items on the questionnaires.

The assistants then distributed the questionnaire to respondents and guided them in filling the items as well as collected them on completion of the filling exercise. They then sorted and collected the data for scoring process. The conduct of this exercise lasted for four weeks in all the selected hospitals. On sorting and collection of the data, the scoring of the data was done using the Likert Four-Point scale, where the scales assigned to each statement is summed together to get the total score for each respondent. The individual aggregate score was then obtained based on the opinion that was ticked by respondents, using the scale value for either positive or negative statements. The scores obtained represented the mean score for each respondent and it was used in analyzing the hypotheses.

### **Method of Data Analyses**

The inferential statistical approach was used to analyze each of the research questions and hypotheses under investigation. Multiple regression and correlation coefficient (Pearson Product Moment correlation Coefficient) were used to analyse the data, 0.05 level of significance was used to reach a decision for the analysis in comparison with the tabulated values for each type of analysis that was used.

**RESULT****Table: Relationship between knowledge of STI and health seeking behavior among young women.**

Variables	N	X	S.D	DF	R	P	Remarks
Knowledge of STIs	7.174	298	3.65	22	3.87	<0.05	Significant
Health-seeking Behaviour	7.174	112	4.21	'			;

Significant at 0.05 alpha-level

Source-computed from field data 2011

The above table shows that correlation coefficient "r" between knowledge of and health-seeking behaviour of young women is 3.87 and P < 0.05. Since P < 0.05, it implies that there is significant relationship between 'knowledge of STIs and health-seeking behaviour of young women. Based on this, the Ho, which is the null hypothesis, is rejected.

**DISCUSSION****Hypothesis**

There will be no significant relationship between knowledge of STIs and health seeking behaviour of young women. This result indicates a positive relationship between knowledge of STIs and health seeking behaviour. The null hypothesis is rejected, this may be so as a result of the fact, that the Nigerian socio-cultural advancement has led to the acquisition of and exposure to both print and electronic media such as magazines, TV sets, internet connected computers, mobile phones etc, which can play a major role in exposing women to various media promotions on control of HIV/STIs and other related diseases at an early period of their lives. Also there are potent benefits from viewing some television shows, such as the promotion of positive aspect of social behaviour (eg sharing, manners, and cooperation) this can facilitate positive health seeking behaviours among the populace.

A vital aspect of the media is the moral power to choose and negotiate sex based on choice, and not for economic reasons, the higher possibility of being enlightened about safe sex, and the availability of sexual health facilities. This implies that knowledge of STIs is a significant factor that could determine health seeking behaviour among young women.

This finding is in line with the earlier study of Dilorio et al. (1999). They observed that individuals who talk to their parents while growing up on sexual topics are more likely to have

conservative sexual values and less likely to have initiated sex, compared to those who mostly talked to their friends, experimented with sex. Parents appear to serve as buffers for the emerging adults, moderating the effect of peer pressure and environmental influences on sexual activity. This may have lasting effect on the female growing adults as they enter reproductive age. It has also been observed, that open and receptive sexual communication between adolescents and their parents is associated with less adolescent sexual activity. Among girls who are already sexually active, parent-adolescent sexual communication as well as for this group of women in the entire country noted be associated with greater condom use and self efficacy. This indicates that attitude towards STIs is a significant factor that could determine health seeking behaviour among young women.

## CONCLUSION

Health seeking behavior is not just a one off isolated event. It is part and parcel of a person's family's or Community's identity, which is the result of an evolving mix of social, personal, cultural and experiential factors. The process of responding to 'illness' or seeking care involves multiple steps and care rarely be translated into a simple one off choice or act, or be explained by a single model of health seeking behavior. What seems to be missing in most of the literature around health-seeking behavior is a sense of how that process of 'seeking' extends over time, space and the health system' in complex ways and cannot be picked out as something intrinsic to the individual and their social, economic or cultural circumstances alone, suggests that, while health promotion places emphasis on individual behaviour that lens need to be broadened to other determinants of health, including policy directives to enhance larger population health, reduce inequality and improve social justice.

To a large extent, such spheres fall outside the traditional mandate of health-seeking behaviour models and this is where the relevance of a wider framework, such as the one offered here, becomes strikingly clear. So without wanting to dismiss the work, which has been conducted to date on health seeking behaviour, we need to build on this and move the research agenda into a new and more holistic dimension. One thing that is clear from the literature is that although there are many overlaps and similarities across countries and populations, there are also marked differences between individual countries, places, localities and systems. The interesting dynamic of these areas is getting health systems to use and work with the information and build it effectively into their management structures.



**REFERENCES**

1. Aral, S.O. (2001). Sexually Transmitted Diseases: Magnitude, Determinants and Consequences. *International Journal of STD & AIDS*, 12: 211-215
2. DiLorio, C., Kelly, M., and Hockeberry-Eaton, M. (1999). Communication about Sexual Issues: Mothers, Fathers and Friends. *J. Adolescents Health*, 24: 181-9.
3. Feroli, K and Bustein, G. (2003) adolescent Sexually Transmitted Diseases. *The American Journal of Material Child Nursing*. 282: 113-118
4. Nwoke, B.E.D., Onyeka, P.I.K. and Nduka, F.O. (2009). *Why Women Health?* Owerri Barloz Publishers.
5. Prasad J.H. Abraham, S, and Kurz, K. M. (2005) *International family Planning Perspectives*, 312.
6. Viassoff, C.; and Moverio, Q.G. (2002). Placing Gender in the Context of Health Programming Challenges and Limitations. *Science & Medicine*, 54: 1713-1723
7. World Bank Group (2004) "Gender" Available at [www.worldbank.org](http://www.worldbank.org) 1993 World Bank Development Report Washington D.C. Oxford University Press.
8. World Health Organization (1995) *The Health of Young People; A Challenge and a Promise* Geneva, Switzer Land.
9. World Health Organisation (1994). *Global Prevalence and incidences of selected curable Sexually Transmitted Diseases. Overview and Estimate. WHO/GRA/STD.*, 95(1): 1-26.
10. World Health Organisation (2002) *World Urbanization Prospects* New York. United Nations Press 186.
11. World Bank Group (2004) "Gender" Available at [www.worldbank.org](http://www.worldbank.org) 1993 World Bank Development Report Washington D.C. Oxford University Press.