

Different Perceptive about Acquired Immune Deficiency Syndrome: A Survey Report

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ABSTRACT

This particular research involves findings of the awareness for most life-threatening disastrous disease AIDS (Acquired Immune Deficiency Syndrome) caused by HIV (Human Immune Virus) among pharmacy and non-pharmacy students. HIV/AIDS is currently one of the major problems with cases increasing yearly, but with the death rate remaining relatively constant. The etiology of HIV/AIDS is a complex of symptoms and infections caused by the HIV virus as it impacts the immune system. A person must come in contact with the virus; it enters the body through blood and body fluids. Some evidence shows that early diagnosis of HIV-AIDS can make the possibility to cure it and reduce the related morbidity rate. The awareness programs, campaigns, public adds, and seminars can reduce its prevalence and might be helpful in its prevention. The misuse of needles blades, blood products and selling without prescriptions must be prohibited for precautions. We have asked different questions to the pharmacy and non-pharmacy students and concluded that pharmacy students have a good know how of the particular disease comparatively to non-pharmacy students but the statistical evaluation shows that both type of students has fair good knowledge about HIV-AIDS manifestations, route of transmissions and somehow its protective measures. When asked about the curability of this disease pharmacy students shows good enough knowledge comparison to non-pharmacy students which concludes its treatment protocols and eradication is not common to them so they believe it is life stealing disease but that's not true nowadays such treatment programs are available to cure the disease. As we know that HIV-AIDS is a sexually transmitted disease so infected people can be understood mistakenly we have to avoid the wrong thinking of people we must not be judgmental about them and must not blame infected person respectively but should provide a psychotherapy about it, society can play major role in this therapy.

INTRODUCTION

Acquired immune deficiency syndrome is a result of damage to the immune system, organisms usually prohibited by the immune system caused this disease and that's why they are called opportunistic, AIDS can diverge widely and this is why it is termed a

syndrome because timing and types can harms the person [1]. Particular cells infected by HIV, called CD4 cells are initiate in the blood. CD4 cells are dependable for fighting infectivity. even though the body will attempt to create more CD4 cells, their statistics will eventually decline and the immune system will discontinue working [2,3]. the exchange

of body fluids is the main cause to spread HIV. This usually happens during vulnerable sexual contact, such as vaginal, oral and anal sex [4]. The risk of catching HIV in the people is maximum who inject illegal drugs and share unnecessary. no cure for HIV and no vaccine to stop you becoming infected in the world [5]. However, since the 1990s, treatments have been developed that facilitate most people with HIV to continue well and live relatively normal lives. Retrovirus is a special type of virus called generally HIV, retrovirus reproduces within the cell and releases copies of itself into the blood. It can be challenging to care, as the virus can speedily transform (alter) into new strains of the virus, HIV frequently causes no symptoms for a number of years, HIV expertise as a short, flu-like illness that occurs two to six weeks after infection, seroconversion illness [6,7] is the flu-like illness that often occurs a few weeks after HIV infection. And 80% of people are infected with HIV experience this sickness common symptoms of HIV is fever (raised temperature), sore throat, body rash some Other symptoms can consist of tiredness, joint pain, muscle pain, swollen glands (nodes) [8]. Once the immune system becomes harshly injured symptoms of this condition might be weight loss diarrhea, nighttime sweats, skin harms recurrent infections, serious life-threatening illnesses. Earlier judgment and action of HIV can stop these problems [9]. HIV is treated using a mixture of medicines to fight HIV infection and it is known as antiretroviral therapy (ART). ART isn't a treat but it can manage the virus so that you can live a longer, improved life and diminish the risk of transmitting HIV to other people's [10].

METHODOLOGY

Our survey was designed to find out the awareness of "HIV/AIDS" among medical professional and non-medical professional individuals. It was totally aimed upon the knowledge of this life-threatening disease which can transmit by unproductive sexual intercourse, blood transmission without the screening of blood, by using the same needle to different people or by other body fluids which go directly into the blood stream. A cross-sectional or random sampling method was used for data collection about the regarding disease among some male and female, married and single. We also have analyzed by data collection about the counseling aids from some individuals who are medical or non-medical

professional. Data was collected in the month of March 2016 from universities, hospitals, clinics, and common people as it was an awareness program. A particular questionnaire (Table 1) regarding the topic was utilized to evaluate the understandings of HIV/AIDS among medical and non-medical oriented individuals that how it is caused, transmitted, mode of spreading, curable or not, how to treat etc. A total of 150 individual's data was collected and analyzed.

RESULTS

We have done a survey which is a retrospective study which is completely an awareness or a knowledge-based survey to check the know-how among the pharmacy and non-pharmacy students about the disease which is HIV/AIDS. In this survey 0% pharmacists and 18%, non-pharmacists did not know about the term HIV/AIDS and 98% pharmacist and 78% non-pharmacist had knowledge about the term HIV/AIDS. According to this survey 55% pharmacist and 95% non-pharmacist thought that HIV caused by viruses and 5% pharmacist and 38% non-pharmacists thought that HIV/AIDS caused by bacteria, 98% pharmacists and 88% non-pharmacists thought that HIV aids is not curable and 5% pharmacists and 12% non-pharmacist revealed that HIV aids is curable. 7% pharmacists and 16% non-pharmacists thought that HIV is not responsible for causing other disease and 42% pharmacists and 98% non-pharmacist thought that HIV is responsible for causing another disease. 60% pharmacists and 91% non-pharmacists thought that people did not show any sign and symptoms while infected quickly and 18% pharmacists and 91% non-pharmacists thought that people show quick signs and symptoms. 98% pharmacists and 92% non-pharmacists thought that HIV is not contagious and 15% pharmacists and 40% non-pharmacist's thought that HIV is contagious 6% pharmacists and 25% non-pharmacists thought that HIV/AIDS not compromised your immune system and 42% pharmacists and 98% non-pharmacists thought that HIV/AIDS will compromised your immune system the graphical representation chart discloses the percentages of how HIV aids transmitted through. And which of the drugs should be taken when a person suffers from the infectious disease, different percentages of pharmacists and non-pharmacists shows different answers which are disclosed in Figure 1 and Figure 2.

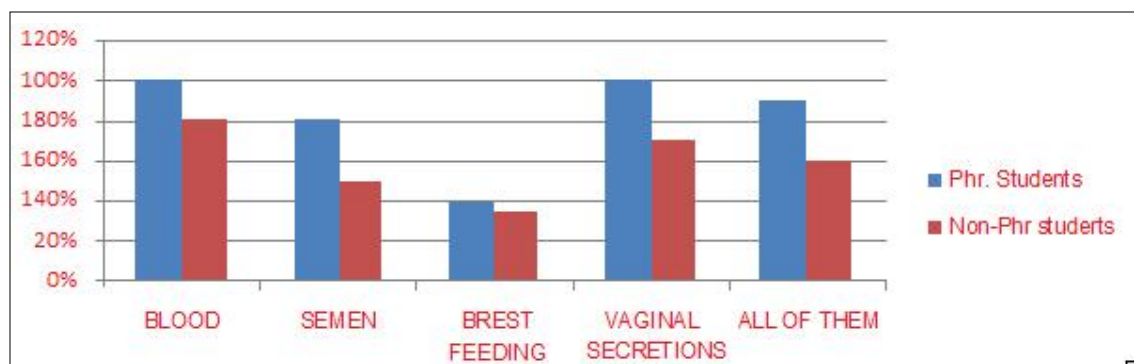


Figure 1. Cause of transmission of the disease.

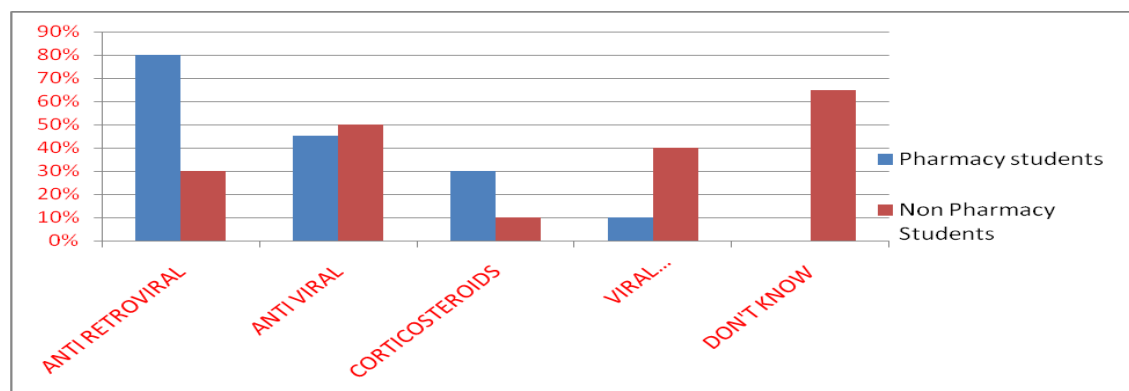


Figure 2. Medications to be used for the treatment.

Table 1. Tabular representation of the questionnaire.

| QUESTIONS | RESPONDENTS | | | |
|---|----------------------|----------------|----------------------|----------------|
| | Pharmacists students | Non pharmacist | Pharmacists students | Non pharmacist |
| Do you know about HIV/AIDS? | NO | | YES | |
| | 0% | 18% | 98% | 78% |
| It is caused by? | Virus | | Bacteria | |
| | 55% | 95% | 5% | 38% |
| It is contagious or not?? | Contagious | | Non contagious | |
| | 98% | 92% | 15% | 40% |
| People who have been infected with HIV quickly show serious signs of being infected | NO | | YES | |
| | 60% | 91% | 18% | 91% |
| Is HIV Curable? | NO | | YES | |
| | 98% | 88% | 5% | 12% |
| Does it cause your immunity compromised? | NO | | YES | |
| | 6% | 25% | 95% | 35% |
| Can HIV be responsible for other diseases?? | NO | | YES | |
| | 7% | 16% | 42% | 98% |

DISCUSSION

In this we particularly had done a survey on a different type of people to check their knowledge about one of the life threatening disease which is very much common nowadays HIV/AIDS. A person must come in contact with the virus; it enters the body through blood and body fluids. Some evidence shows that early diagnosis of HIV/AIDS can make the possibility to cure it and reduce the related morbidity rate, the risk of catching HIV in the people is maximum who inject illegal drugs and share unnecessary. No cure for HIV and no vaccine to stop you becoming infected in the world. Families can be vital in deterring the extend of the disease because of their essential role in education and guidance about sexual behavior and health encouragement. Families also serve a serious role in helping their HIV-infected members cope with the disease. substantial facts suggest that people with HIV disease are drastically more concerned than the general population, yet psychiatric disorders are frequently underdetected in HIV care settings. This survey is completely knowledge base we ask different question to different people like some of them are pharmacy students and the other once are non pharmacy students belonging from some other fields. We ask them about the causative agents of HIV, how it is transmitted, the mode of transmission about the contagiousness of this disease how to treat patient suffering from this disease and protect ourselves from this disease, complications of this disease, curability and the risk of having another disease. Then we get data according to that data we plot different graphs and tables to show that how much people have the knowledge of this disease and which type of knowledge they have.

CONCLUSION

We have done a survey-based study on HIV/AIDS which is caused by the direct contact of human body by blood and other body fluids transfusion and by sexual relation this disease is still incurable but treatment can be done to improve the patient's life span by the antiretroviral treatment patient can able to live a normal life. After the completion of this survey we can utter that more often than a few people have a good knowledge about this infection which is

essential to minimize the rate of occurring of this disease from our population.

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