

## Congisance about Knowledge of Ebola Virus

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**Abstract:** Virus is a small thing that made up of RNA, DNA and Protein. First of all, Ebola disease was fathom out in 1976 in the village YUMBUKU close to the river of ebola.so this disease was given the name of Ebola. This virus killed 500 people in Liberia, Guinea, and Sierra Leone. Symptoms of this disease developed after two or three weak of virus infection. There is no specific treatment of Ebola disease, but the best way to treat this disease is to fluid replacement of infected person. The virus attacks the immune cells of body that defense our body from diseases. Mostly people aware of this disease because they know the symptoms of this disease there is no medication of this disease except body fluid exchange is the only treatment.

**Keywords:** Ebola disease, Yambuku, Fathom out, Fluid replacement, Malaria

### 1. INTRODUCTION

Ebola is a viral disease and it is caused by Ebola virus. Virus is a small thing that made of RNA, DNA and Protein. First of all, Ebola disease was fathom out in 1976 in the village YUMBUKU close to the river of ebola.so this disease was given the name of Ebola. This virus infected human and wild animals such as monkey chimpanzee. Symptoms of this disease are Fever, vomiting, internal and external bleeding, skin rash and muscle or joint pain. Malaria and Ebola symptoms may be similar. Ebola disease spread from person to person. This is also spread by contact wound, bleeding and body fluid like saliva and from the injections that are not sterilize. This virus also infects the animals and bats so avoid the food and fruit that these animals have already eaten. Person should wash hands after touching the sick person, bleeding, and these animals. First of all, Ebola attacked the four countries of West Africa. This virus killed five hundred people in Liberia, Guinea, and Sierra Leone. Symptoms of this disease developed after two or three weak of virus infection. The fact of Ebola is that it cannot spread through water, air and food. There is no specific treatment of Ebola disease, but the best way to treat this disease is to fluid replacement of infected person. The virus attacks the immune cells of body that defense our body from diseases. The virus is unable to reproduce itself it is reproduce by the machinery of host cells and produce multiple copy of itself it is called replication. Victims of this disease die within few days after virus infection because there is specific cure or vaccine.

The objective of present study was to congisance about knowledge of Ebola Disease

### 2. MATERIAL AND METHOD

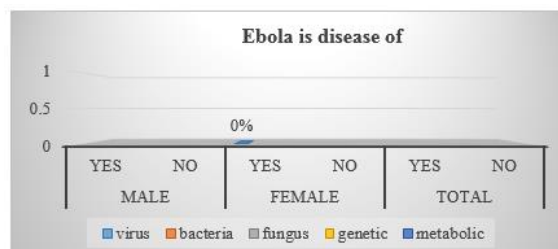


Figure1. Questionnaire to Evaluate the Type of Ebola Disease

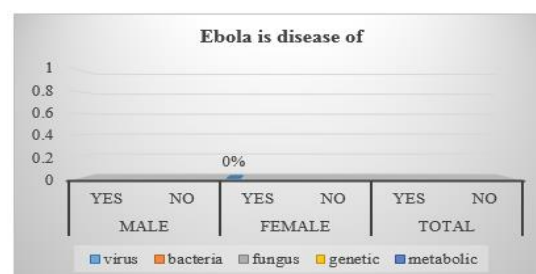


Figure2. Questionnaire to evaluate the commonness of Disease

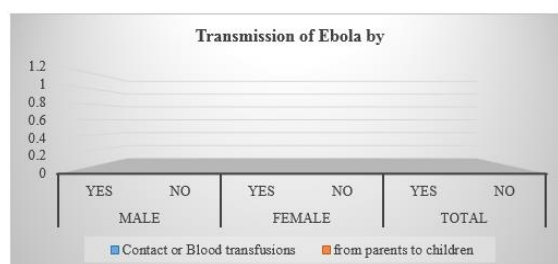


Figure3. Questionnaire to evaluate the transmission of Ebola disease

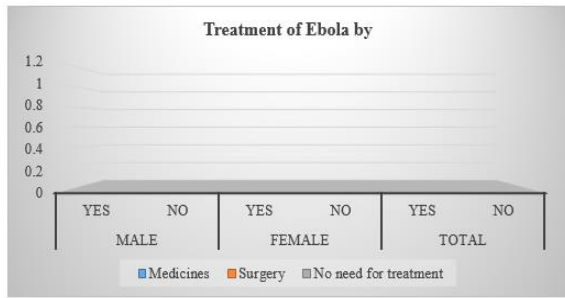


Figure4. Questionnaire to evaluate the treatment of Ebola disease

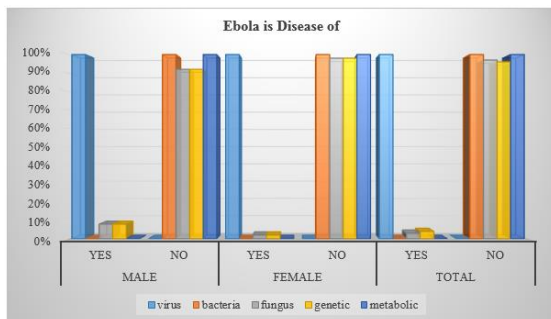
3. PROJECT DESIGNING

Total out of 68 participated in this survey we asked that they know about the Ebola disease. The subjects were the students of Bahauddin Zakariya University, Multan.

Statistical Analysis

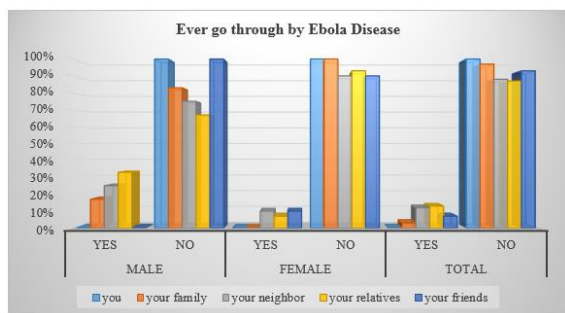
It was done through using MS EXCEL.

4. RESULT AND DISCUSSION



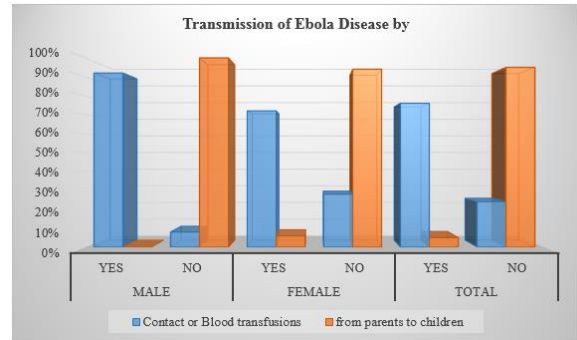
Graph1. Questionnaire to Evaluate the type of Ebola Disease

Graph 1 show that People think that this is a viral disease and caused by the Ebola virus. some people think bacteria are also responsible for this serious disease.



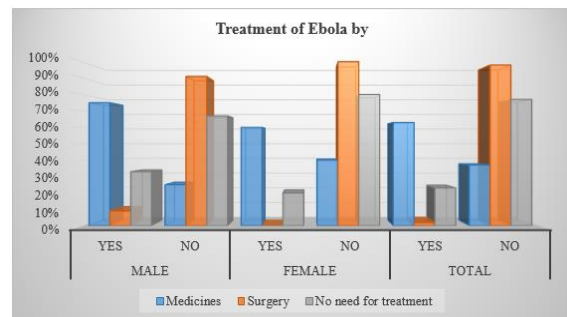
Graph2. Questionnaire to Evaluate the Commonness of Ebola Disease

From the graph we conclude that, Ebola virus is responsible for this disease mostly people aware the symptoms of this disease.so they think that mostly people not suffer from this disease. But some people told that this virus causes spread disease in other countries.



Graph3. Questionnaire to evaluate the transmission of Ebola Disease

Graph 3 shows About the people estimate this disease is transmit through the blood transfusion and when person touch the wound and bleeding of patients. But some people think that this is metabolic disease and transmit from parents to offspring.



Graph4. Questionnaire to evaluate the treatment of Ebola Disease

This graph show that, this is a viral disease there is no drugs and treatment of this disease. people think that there is no need of treatment and surgery. only exchange of body fluid is treatment of this disease so infected person should change their body fluid.

5. CONCLUSION

we concluded that mostly people cognizance that this disease is spread by the virus and they are aware of the symptoms of this disease.

REFERENCES

[1] Leroy, E. M., Kumulungui, B., Pourrut, X., Rouquet, P., Hassanin, A., Yaba, P., ... & Swanepoel, R. (2005). Fruit bats as reservoirs of Ebola virus. *Nature*, 438(7068), 575.

[2] Leroy EM, Kumulungui B, Pourrut X, Rouquet P, Hassanin A, Yaba P, Délicat A, Paweska JT, Gonzalez JP, Swanepoel R. Fruit bats as reservoirs of Ebola virus. *Nature*. 2005 Dec;438(7068):575.

[3] Qadir MI, Javid A (2018) Awareness about Crohn’s Disease in biotechnology students. *Glo Adv. Res J Med Medical Sci*, 7(3): 062-064.

- [4] Qadir MI, Saleem A (2018) Awareness about ischemic heart disease in university biotechnology students. *Glo Adv Res J Med Medical Sci*, 7(3): 059-061.
- [5] Qadir MI, Ishfaq S (2018) Awareness about hypertension in biology students. *Int J Mod Pharma Res*, 7(2): 08-10.
- [6] Qadir MI, Mehwish (2018) Awareness about psoriasis disease. *Int J Mod Pharma Res*, 7(2): 17-18.
- [7] Qadir MI, Shahzad R (2018) Awareness about obesity in postgraduate students of biotechnology. *Int J Mod Pharma Res*, 7(2): 14-16.
- [8] Qadir MI, Rizvi M (2018) Awareness about thalassemia in post graduate students. *MOJ Lymphology & Phlebology*, 2(1): 14-16.
- [9] Qadir MI, Ghalia BA (2018) Awareness survey about colorectal cancer in students of M. Phil Biotechnology at Bahauddin Zakariya University, Multan, Pakistan. *Nov Appro in Can Study*, 1(3): NACS.000514.2018.
- [10] Qadir MI, Saba G (2018) Awareness about intestinal cancer in university student. *Nov Appro in Can Study*, 1(3): NACS.000515.2018.

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