

## RESEARCH ARTICLE

**Perception about Tuberculosis**Muhammad Imran Qadir<sup>1</sup>, Mahnoor Malik\*<sup>1</sup>*Institute of Molecular Biology and Biotechnology, Bahauddin Zakariya University, Multan, Pakistan***Received on: 01/05/2018, Revised on: 10/06/2018, Accepted on: 01/08/2018****ABSTRACT**

An objective about the present study was to be aware of the knowledge among university students. Tuberculosis is proclaimed a universal health extremity. Today TB is second to human immunodeficiency virus as the prime cause of death worldwide. Active TB is when you become sick from disease and have symptoms. The bacteria that originates the TB is called mycobacterium tuberculosis. The questions were designed to create discrimination among students about its reason, symptoms and cure of the tuberculosis. About 78 students of Bahauddin Zakariya University Multan, Pakistan were engaged with me in this project. The conclusive object of this disease was to originate apprehension among students. I infer from this study that many of the students were insensible from TB.

**Keywords:** Discrimination, immunodeficiency**INTRODUCTION**

Ten years ago, world health organization (WHO) revealed tuberculosis, a exhaustive health crisis. First tuberculosis infection happened about 9,000 years ago. Today TB is second to human immunodeficiency virus as the foremost cause of death. About two billion people are contaminated with TB. But these two million deaths caused annually by TB is materialize in developing countries. TB is the disease that strikes our lungs and then it expands to the brain. The bacterium that originates this disease is called mycobacterium tuberculosis. When a blighted person cough, sneezes, or even talk ting droplets of bacteria originate from air [1]. Dormant TB is when anyone is suffering from this disease but it is in inactive form. In contrast, active TB is when we have been suffering from its symptoms. Symptoms of this disease are chest pain, pain while breathing, and chronic cough, coughing with blood, chills and fever. But TB is diagnostic disease chest X ray is done, by knowing mycobacterium tuberculosis in a clinical sample, nucleic acid amplification test, tuberculin skin test have been highlighted for the diagnosis for this disease. The only available vaccine for TB is Bacillus Calmette Guerin. In small kids, 20% risk of being infected is declined. 90% of all the children are vaccinated. Tuberculosis is unknown in many of the developed countries like Canada, United Kingdom and United States [2].

**MATERIAL AND METHODS**

The overall students under my project were 78 and they were aged from 18 to 22 of Bahauddin Zakariya University Multan, Pakistan. They were asked questions about the outburst, probability, cure and symptoms of this disease. They were insensible about this disease so, the following questions were asked from them to make them rational from the disease.

**Slant of students towards the origin, signs and upshot of tuberculosis  
Awareness about Tuberculosis among  
University students**

**Table 1: Questionnaire to evaluate awareness about etiology of tuberculosis**

<u>tuberculosis</u> is a	Yes	No
Tuberculosis is a Viral disease	79.48%	20%
Tuberculosis is a Bacterial disease	86%	3%
Tuberculosis is a Fungal disease	16.66%	80%
Tuberculosis is a Genetic disease	39.33%	54.58%
Tuberculosis is a Metabolic disease	13.96%	82.7%

**Table 2: Questionnaire to evaluate views about prevalence of tuberculosis**

Ever suffered from <u>tuberculosis</u>	Yes	No
Have you been ever suffered	10%	80%
Any of your family member	15%	70%
Any of your relative	28%	68%
Any of your neighbour	20%	74%
Any of your friend	53%	42%

**Table 3: Questionnaire to evaluate views about transmission of tuberculosis**

Tuberculosis is transmitted by	Yes	No
Any type of the contact or blood transfusion	54%	39.12%
From any parent to its off spring	14%	71%

**Table 4: Questionnaire to evaluate views about Hope for tuberculosis**

Tuberculosis may be treated by	Yes	No
Any type of the Medicines	85%	7%
Some of the Surgery	15.53%	76.41%
Or there is no need of treatment	25.84%	67.1%

**Table 5: Awareness about etiology of tuberculosis: Views of Postgraduate Biology Students**

Questions	Male		Female		Total	
	Yes	No	Yes	No	Yes	No
Viral disease	4%	15.38%	79%	0%	80%	3%
Bacterial disease	16%	2.56%	79.48%	0%	16%	80%
Fungal disease	16.66%	2.56%	0%	78.20%	16%	80%
Genetic disease	12.82%	6.41%	43.58%	33.33%	36%	50%
Metabolic disease	12.81%	6.41%	7.96%	73%	13%	83%

## RESULTS AND DISCUSSION

Awareness of TB was given to the students of the university. A questionnaire was prepared to make the students aware of the disease and to make them ensure about its symptoms, preventions, causes. Many people worked on this disease from different part of the world. They become to know about this disease. Actually this disease is caused by mycobacterium and they knew about its causes, symptoms, and prevention.

## CONCLUSION

It is considered from the above observation that most of the students of the university were aware of the study. The percentage of the male and female was different in different categories. Different students were aware of the viral, bacterial, fungal, genetic and metabolic disease. 4% of the male said yes and 15.38% no and likewise 79% female said yes and 0% said no. In case of bacterial disease 16% males said yes and 2.56% said no. 79.48% female said yes and 0% said no. In case of fungal disease 16.66% male said yes and 2.56% said no. 0% female said yes and 78.20 said no. In case of genetic disease 12.82% male said yes and 6.41% said no and 43.58% said yes and 33.33% said no. In case of metabolic disease, 12.81% male said yes and 6.41% said no and 7.96% said yes and 73% said no.

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