

## Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic

Dr. Samira Khalifa<sup>1\*</sup>

### ABSTRACT

With a population of over 1.34 billion, India has the second-largest population in the world and will have a difficult time preventing the spread of the coronavirus 2 that causes severe acute respiratory syndrome. The current Study Assessed the Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic. The sample for the study comprised of 60 Male and 60 Female TB Patients was selected from South Gujarat region. Bhatt D.J. & Dida G.R. (1992) Mental Health Inventory and Rajamanickam M. (1985) Fear of personal death Scale (Death Anxiety) was used. To analysis data 'r' Karl Pearson Correlation method was used. Result reveals that there is positive correlation has been found between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic.

**Keywords:** *Mental Health, Death Anxiety, TB Patients, Gender, Covid-19 Pandemic*

The COVID-19 pandemic, commonly referred to as the coronavirus pandemic, is an ongoing global coronavirus disease pandemic that is brought on by severe acute respiratory syndrome coronavirus 2. (SARS-CoV-2). An outbreak in the Chinese city of Wuhan in December 2019 led to the discovery of the new virus for the first time.

One category of virus is the coronavirus. There are numerous varieties, and some of them can lead to illness. The COVID-19 respiratory pandemic was brought on by the coronavirus SARS-CoV-2, which was discovered in 2019.

With a population of over 1.34 billion, India has the second-largest population in the world and will have a difficult time preventing the spread of the coronavirus 2 that causes severe acute respiratory syndrome. To deal with the current outbreak, a number of approaches would be essential. These include quick development of a new medication as well as computational modelling, statistical tools, and quantitative analytics to control the spread. In order to stop the spread of COVID-19, the Indian Ministry of Health and Family Welfare has made people aware of the latest outbreak and taken the required steps.

There were futile attempts to contain it, which allowed the virus to spread to other parts of Asia and eventually the entire world. On January 30, 2020, and March 11, 2020, respectively,

<sup>1</sup>Former Research Scholar, Sardar Patel University, V.V.Nagar, India

\*Corresponding Author

Received: March 02, 2025; Revision Received: March 20, 2025; Accepted: March 31, 2025

## Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic

the World Health Organization (WHO) labelled the outbreak a pandemic and a public health emergency of international concern. The pandemic was one of the deadliest in history as of 9 February 2023, with more than 672 million cases and 6.84 million confirmed deaths.

### **TB (Tuberculosis)**

Tuberculosis is a serious health issue in India, where it accounts for roughly 220,000 annual fatalities. The Indian government said in 2020 that it will use its National TB Elimination Program to eradicate tuberculosis from the nation by 2025.

About 1.6 million people worldwide lost their lives to TB in 2021. (Including 187 000 people with HIV). After COVID-19 (behind HIV/AIDS), TB is the second infectious killer in the world and the 13th largest cause of mortality overall.

*Mycobacterium tuberculosis*, also known as TB, is a bacterium that causes the infectious disease tuberculosis. According to the American Lung Association, the bacteria spreads from person to person through the air and mostly assaults the lungs, though it can also damage other parts of the body

The primary organs affected by the potentially dangerous infectious disease tuberculosis (TB) are the lungs. Tiny droplets sprayed into the air by coughs and sneezes are how tuberculosis bacteria move from one person to another.

### **MENTAL HEALTH**

The World Health Organization (WHO) conceptualizes mental health as a “state of well-being in which the individual realizes his or her own abilities, can cope with the normal stresses of life, can work productively and fruitfully, and is able to make a contribution to his or her community”.

Our psychological, emotional, and social well-being are all parts of our mental health. In other words, it affects how we feel, think, and act every day. Our ability to make decisions, handle stress, and interact with others in our lives are all influenced by our mental health. Sadness, illness, rage, and other negative emotions are common in people in excellent mental health and are indicative of a human being living a complete life. Because it affects your thoughts, habits, and emotions, emotional and mental health is significant because it plays a crucial role in your life. Despite this, mental health is frequently thought of as a wholly positive state characterized by emotions of joy and environmental control.

Although sometimes disregarded, TB and mental health are closely intertwined. The international community, and in particular high-burden nations like India, don't discuss or plan enough for them. Although it is occasionally addressed, we hardly ever acknowledge, comprehend, or deal with these converging epidemics.

### **DEATH ANXIETY**

Abdel, (2005) said that “Death anxiety” is a term used to conceptualize the apprehension generated by death awareness”

**Death anxiety** is a psychological condition that can be conscious or unconscious and is brought on by a defense mechanism that can be activated when a person feels threatened by

## Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic

death. Death anxiety is described by the North American Nursing Diagnosis Association as a sense of unease, anxiety, or terror associated to death or a near-death experience.

Freud was exceptionally distrustful with regards to having confidence in mortality and his paper on “*Theatres for the Times on War and death*” in 1952 detailed that our oblivious brain doesn't have faith in own passing; It acts like an unfading. Freud accepts that there is an essential wellspring of genuine concern and conduct, thus he noticed that when we give a lips administration to the brutal truth of death, “at the bottom of any of their own deaths Do not believe”.

It may be substantially more serious than usual for COVID-19 to have such a negative impact on mental health as well as death anxiety. Even though a disease epidemic's long-term effects on mental health are costly, the impact of a global pandemic on mental health is frequently disregarded during COVID-19 pandemic control.

### METHOD

The methods of the research as are under,

#### *Objective*

The Major Objective of the present study were to assess Mental health and Death anxiety Among TB Survivors during Covid -19 pandemic.

#### *Hypothesis*

There will be no significant correlation between Mental health and Death anxiety Among TB Survivors during Covid -19 pandemic.

#### *Sample*

147 TB Patients, who are participated in the study, were Selected From Different Hospitals from South Gujarat. Random sampling technique was used. The Obtained data was Scored according to the manual and 27 Participant were excluded based on incomplete forms. Hence, the Sample size for the study is 120.

#### *Tool*

- **Mental Health:** Mental Health inventory Developed Ad standardized by Dr. D.J. Bhatt and Gita R. Gida (1992). This Scale Contains 40 Statement. Reliability is .87 And validity is 0.63.
- **Fear of Death:** Fear of personal Death Scale (FPD) Fear of personal death scale developed by Dr. M. Rajamanickam (1985). It concludes 40 items. Reliability: Reliability of the Fear of personal death scale was found by test retests methods and it reported to 0.89 Validity: validity of the test was also found high face validity because widely used test by the many researchers, test re-tests method validity found and reported 0.94.

#### *Statistical Analysis*

In this study ‘r’ Karl Pearson Correlation Method was used.

### RESULT

Correlation Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic.

**Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic**

**Table No. 1**

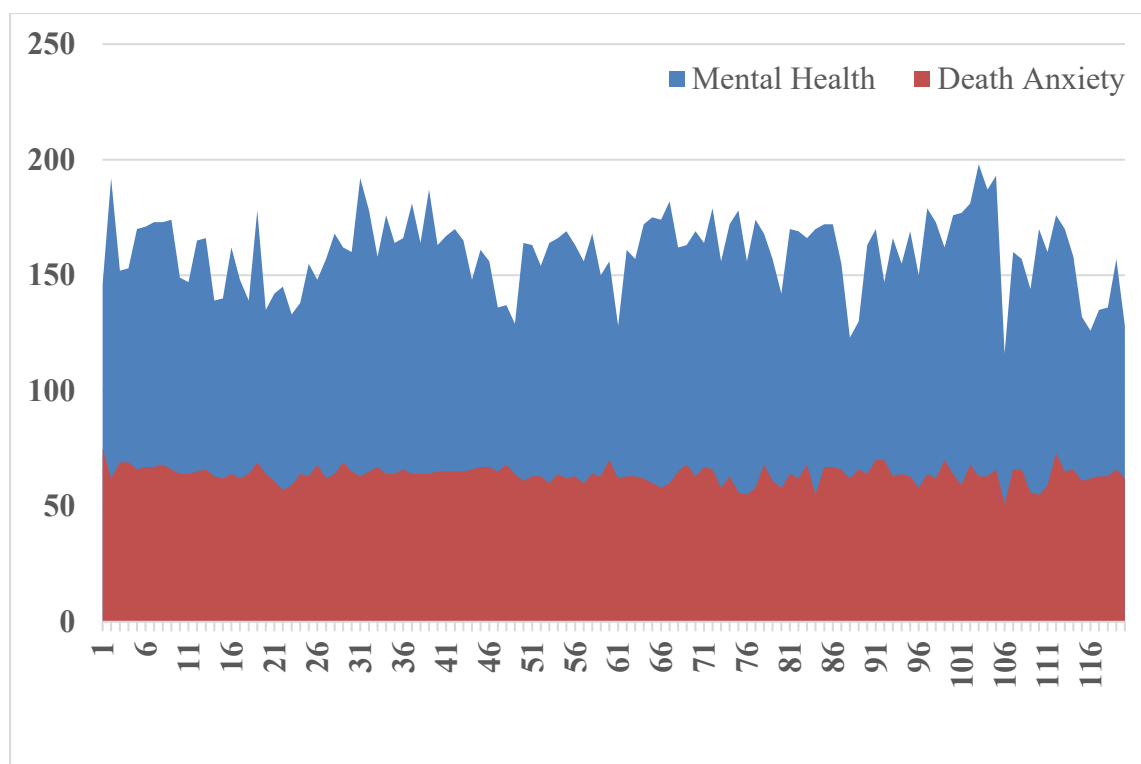
Correlated variable	Mental Health	Sign. Level
Death Anxiety	0.31	0.01**

**H<sub>0</sub>1.** There will be no significant correlation between Mental health and Death anxiety Among TB Survivors during Covid -19 pandemic.

Above Hypothesis was constructed to get information whether any relation between the Mental Health and Death anxiety Among TB Survivors during Covid -19 pandemic.

**Graph No.1. Correlation Between the Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic.**

X= Diabetes Patients  
Y= 50 Average Score



It can be observing the above table No. 1.the Correlation value between Mental Health and Death anxiety is 0.31. This ‘r’ Value is significant at 0.01 level. So, above hypothesis is rejected. There is a Positive Relation between Mental health and Death Anxiety. The result can be Interpretation that, when the Mental is Increases then The Death Anxiety is Increase, and If Mental health is descresies the other is descresies. In short it can be said that, if one Factor increases another factor is increase and one factor descresies the other factor is descresies.

**FINDING:**

Significant Relation between the Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic.

## Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic

### CONCLUSION

The Present study Examining the Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic. The COVID-19 pandemic has brought even more attention to the necessity of making mental health a top priority. The greatest approach for us to assist both ourselves and others is to take more initiative and pay attention to our mental health as well as Anxiety. TB therapy also has a lot of adverse effects and is mentally and physically taxing. Taking care of your mental well-being will also enable you to look after your physical well-being, recognize your requirements in terms of your emotional and spiritual well-being, cultivate and maintain solid relationships, and find balance in various facets of your life. Several anti-TB medications, including cyclomerize, which is used to treat drug-resistant TB, can lead to mental health issues like anxiety or psychosis.

### REFERENCES

- Abdel, A. M. (2005). Death anxiety in clinical and non-clinical groups. *Death Studies*, 29, pp 251–259. *Studies*, 29:3, 251-259, DOI: 10.1
- Agyeman, Akosua & Ofori-Asenso, Richard. (2017). Tuberculosis—an overview. *Journal of Public Health and Emergency*. 1. 7-7. 10.21037/jphe.2016.12.08.
- Bhatt D.J. & Dida G.R. (1992) Mental Health Inventory Un Published M.Phil Dissertation, Department of Psychology, Saurashtra University, Rajkot
- Freud, S., (1953). "Thoughts for the Times on War and Death." The Standard Edition of the Complete Psychological Works of Sigmund Freud, *Vol. 4*. Hogarth Press, London
- Rajamanickam M. (1985) Fear of personal death Scale measured, administering National Psychological Corporation Agra.
- CBC. (2023, January 30). *WHO says coronavirus remains a global health emergency*. CBC. <https://www.cbc.ca/news/health/who-coronavirus-update-1.6730397>
- Dallas, M. E. (2022, October 20). *What Is Tuberculosis? Symptoms, Causes, Diagnosis, Treatment, and Prevention | Everyday Health*. EverydayHealth.com. <https://www.everydayhealth.com/tuberculosis/guide/>
- Johns Hopkins Medicine. (2022, July 29). *What is coronavirus?* John Hopkins Medicine. <https://www.hopkinsmedicine.org/health/conditions-and-diseases/coronavirus>
- Wikipedia. (2020, May 5). *COVID-19 pandemic*. Wikipedia. [https://en.wikipedia.org/wiki/COVID-19\\_pandemic](https://en.wikipedia.org/wiki/COVID-19_pandemic)
- World health organisation. (2021, October 14). *Global Tuberculosis Report 2021*. <https://www.who.int/teams/global-tuberculosis-programme/tb-reports/global-tuberculosis-report-2021>
- World Health Organization. (2021, March 30). *WHO-convened global study of origins of SARS-CoV-2: China Part*. <https://www.who.int/publications/i/item/who-convened-global-study-of-origins-of-sars-cov-2-china-part>
- Zhang, J., Peng, J., Gao, P., Huang, H., Cao, Y., Zheng, L., & Miao, D. (2019). Relationship between meaning in life and death anxiety in the elderly: self-esteem as a mediator. *BMC Geriatrics*, 19(1). <https://doi.org/10.1186/s12877-019-1316-7>

### Acknowledgment

The author(s) appreciates all those who participated in the study and helped to facilitate the research process.

### Conflict of Interest

The author(s) declared no conflict of interest.

**Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors  
During the Covid-19 Pandemic**

***How to cite this article:*** Khalifa, S. (2025). Examining The Relationship Between Mental Health and Death Anxiety Among TB Survivors During the Covid-19 Pandemic. *International Journal of Indian Psychology*, 13(1), 3347-3352. DIP:18.01.327.20251301, DOI:10.25215/1301.327