
GLOBAL HEALTH SECURITY CHALLENGES POST COVID-19

Shreya Manoga, BA LLB, UPES

ABSTRACT

The beginning of the 21st century has marked the period of global exchange and the interconnection between the people. The time of COVID-19 was a period of urgent need hence which caused a regular change in the global system and the international corporation on the global standards. It was marked as a test and stood as a pillar of international global health and security concerns. As the nations have been progressing at the pace of what we call the global health standards the effect and the imperative and a whole comprehensive study regarding the global health concerns post the COVID-19 era become necessary in the contemporary world and hence it helps to adhere to the needs of the future generations. Multifarious challenges and standards on the global front emerged and caused a significant change in the post-COVID-19 Era and hence an important system of global health system became important and necessary on its own. The pandemic highlighted the vulnerability and the shortcomings of the present health system and hence paves the way for a much more advanced and inherent system that not only resolves and uplifts contemporary conflicts but also provides a comprehensive system for the same and hence the study becomes much more necessary. The various concepts like the nations developed the various vaccines and how the role of the health plays a major and a central role and hence taken a central role in the COVID-19 Era.

Aim

The paper aims to explore the role played by the international communities in the pillars and ensuring a much more robust and comprehensive framework and how the role of the international organizations helps to foster a much more intricate and logistic system in terms of health and the approach helps to resolve the prevalent health security concerns in the globalized world. The paper will analyze and investigate the various shortcomings and challenges in the real international scenario and hence address the interplay of health, and security the various shortcomings on a global front. It offers a much broader framework in the contemporary world and hence examines the intricacies of the existing legislations, policy frameworks, global patterns, and global action plans in the exposed landscape of vulnerable diseases. The paper further discusses the role of the organizations like United Nations in taking hold of the diseases and hence provides a comprehensive and detailed study of the United Nations framework as a whole.

Methodology:

The qualitative study aims to explore and give in-depth insight into health concerns by using the statistical data from the pertinent databases, applicable reports, and applicability of the policies covering the ambit of the concept and the variables in each of the above sub-topics. The study is based on an inclusive and thorough examination of the existing literature and focuses on the examination and investigation focusing on the central theme of global standards in terms of health in India from the articles, books, and reports. The concept aims to understand the growing recognition of the concept by a comprehensive study of relevant cases, historical context, legal implications, and in-depth analysis of the stakeholders and is inclusive of the qualitative analysis from the experts, officers, representatives, and policymakers.

The various potential measures are been discussed in the paper which enhance India's commitment to the concept of health and mitigate the various challenges. It includes the role of the International Organizations. The paper seems to analyze the far-reaching impact of health understand the progress and the development of the nations in the contemporary world and analyze the impact of a much stronger future. In conclusion, the research paper aims to understand the significance of health concerns and analyze the concept of global health concerns. It holds that India faces various challenges in the concept of health. It offers various

insights into serving as a valuable resource for policymakers, researchers, and stakeholders by taking insight from the valuable in-depth knowledge that it provides.

INTRODUCTION

The COVID-19 pandemic has brought various and multidimensional changes in global standards and it helped inculcate a much more complex and intricate web of the major shortcomings in the global standards hence the various gaps and the challenges in the infrastructure on the health terms can be assessed. The pandemic has brought much more concerns about the death.¹ There has been a fast increase in the rate of the pandemic due to which the various shortcomings in the health department were highlighted. The collaborative effort and the engaged efforts played a much more crucial role in providing a better framework in society. There have been multiple critical questions were raised regarding the preparation for the pandemic, response techniques, infrastructure, and cooperation while taking note of the diseases and the immediate health crisis. It becomes pertinent to analyze the global health standards and hence inculcate a much more magnified preparation for the global standards.

There have been multiple gaps that have been revealed in the COVID-19 Era and hence it has shown varied responses and it has even highlighted the interdependence of the people. Certain loopholes were revealed both at the national and the international level hence the various diseases. There was a shortage of equipment and healthcare infrastructure which eventually strained the healthcare system and hence caused inefficient management in terms of the healthcare. Various disparities were being highlighted in the health system and hence the study becomes necessary for effective management of the crisis. There have been significant challenges which have been faced by the various developing countries and the marginalized communities and hence challenges have been faced. The global standards on the pandemic throughout the world have been important and have garnered support and attention from the world in matters of cooperation on the global standards hence there are certain matters related to the allocation of resources, data transparency, efforts, and hence in the unified world there were certain challenges.

India is a developing country and with the cost of the international scenario and global standards, there has been a significant rise in the population of India. With the rise in the

¹ Douglas Broom, *6 Trends that define the future of health and wellness*, WORLD ECONOMIC FORUM, (Nov 28, 2023, 8:00AM), <https://www.weforum.org/agenda/2022/02/megatrends-future-health-wellness-covid19/>

population comes various other aspects that cause harm cause harm to the well-being in which we are living and issues like health and safety concerns, sustainability, and challenges due to the growth in the globalized scenario.

This research paper is an in-depth insight and exploration of the view of the health infrastructure in the Indian context. It gives a brief overview of the methods and practical implementation. It helps to act as a guiding force as to how the various factors, policy implications, and framework will shape the country toward a much more protected and prepared system for combating the various challenges that come the way. The study furthermore encapsulates and endeavors to contribute to the global framework by the horizon of health and by shedding light on the upcoming shortcomings, challenges, and implications in the field of economic growth. Hence the research paper aims to bring forward in-depth knowledge and the vast arena related to analyzing and understanding the global health concerns after the COVID-19 Era.

The paper will further analyze the studies based on global health security, the role of the alliances in the international arena, dilemmas, and global governance and learn from the various issues of the COVID-19 Pandemic. It aims to give a much more comprehensive framework in the post-pandemic world. The paper aims to contribute and create an adaptable and robust health security framework for the well-being of the people in the International arena.

BACKGROUND

There has been a profound and everlasting impact on various facets of society during COVID-19. ²The pandemic has furthermore highlighted the vulnerabilities and the impact of the globalized world and how much capabilities the nations have to respond to the crisis. The concept of health security has taken a concrete and major role in the world with the advent of COVID-19. The paper delves and examines the intricacies of the evolving arena of global health security the various difficulties and the challenges concerning the various dimensions of the post-pandemic world. Health security is somewhere or the other linked to the security of the neighboring nations. It further highlighted the need for global health security in the world, threats of various infectious diseases. The arena of global health security goes from a wide range of topics firsthand about the various warnings and control to the preparation for the

² Abdul Rahman Jazeih and Zisis Kozlakidis, *Healthcare Transformation in the Post-Coronavirus Pandemic Era*, PUBMED CENTRAL, (Nov 27 2023, 3:40PM), <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7399067/>

pandemic, distribution of the vaccine, and cooperation on global standards and an international level. A much deeper understanding of the global health system will help to facilitate a better analytical understanding of the interaction of the various states on a global level.

The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. This paper will further analyze the multifaceted dimensions of health security, the role of the organizations, distribution of the vaccine. The paper will further delve into and address the various types of pillars in global health security, understand and explore the role of the various organizations on the international level and global governance, the various lessons from the COVID-19 pandemic to furthermore enhance the framework and the standards of the global security concerns on an international level. The approach in the real sense is both visionary as well as pragmatic in nature to help further enhance the standards to help further enhance and ensure a resilient future in the global world.

The various critical weaknesses have been exposed due to the emergence and the spread of the pandemic in the global world hinting at the need for reevaluation and the response mechanism in the international scenario. As the world is changing with the various potential developments and the international scenarios it is the need of the hour to discuss the global health security in the post-pandemic world. The research paper will seek to investigate and delve into the various issues that help us to understand and provide a deeper understanding of security in terms of health in the post-pandemic world. The COVID-19 pandemic has highlighted the various weaknesses regarding the preparation that the various nations have in the globally developing world. It will help to further respond to the various emergencies related to the future and highlight the various lessons that have been learned from the pandemic. The various disparities related to healthcare, vaccines, or their impact have further been done to promote various healthcare services in various income-aged countries. During the pandemic, the effectiveness of international organizations like the World Health Organization (WHO) has been called and ensures a much more efficient and robust system related to future pandemics.

The paper will examine the various improvements and reforms in the global health governance system in the real world. The paper will further examine the technological advancements like the digital health tools that played a crucial role during the COVID-19 pandemic and

concerning the future pandemic. It shows the need of a robust mechanism.³ It will investigate the existing inequalities in the future pandemic arena. The various collaborative and combined efforts of the nation's help to maintain the effective global health crisis in the world. There was a lack of the robust mechanism.⁴ It will help us to understand the aid of diplomacy and cooperation in the post-COVID-19 period and the global health security and its interconnectedness with diplomatic means. The paper aims to provide various recommendations and insights. It can act as a guide for policymakers, health professionals, and international organizations and will contribute to the preparedness, recovery, and objective in the global crisis related to health in the future.

RESEARCH CASE:

SOCIAL LACUNA: One of the most crucial social lacuna in the concept of global health concerns is the disparities and assessment of the various shortcomings and challenges in matters of health, education, and social status. It reflects how cultural initiatives and norms play a major role and have an impact on health. In this globalized world, the paper aims to discuss social networking. There are major problems and concerns related to health; moreover, it will bridge the gap to understanding the role of International organizations and hence it remains a challenge in the real world, and hence a social gap is created in the society, and turn, it remains a critical challenge in the real-life scenario. By bridging the social gaps, a much more inclusive and robust machinery can come into existence.

LEGAL LACUNA: The concept of the legal lacuna revolves around the absence of a robust and comprehensive system and the various recommendations and frameworks that act as a gap and require careful investigation and examination to delve into it and bring out reformation tendencies and the preventive measures in the context of the health infrastructure. Legal gaps in the system in India have made it more difficult to guarantee prompt and equitable resource balance in the contemporary world. There is a comprehensive study of the health services.⁵ The gaps include Law enforcement tactics, programs, seminars, and less awareness related to the examination of health facilities on the global front in the contemporary real-time world which

³ Sean Fleming, *Why the world needs to rethink primary healthcare after the pandemic*, WORLD ECONOMIC FORUM, (Nov 27, 2023, 2:12PM)

<https://www.weforum.org/agenda/2021/07/fixing-healthcare-after-covid/>

⁵ *COVID-19 pandemic triggers 25% increase in prevalence of anxiety and depression worldwide*, WORLD HEALTH ORGANIZATION, (Nov 28, 2023, 9:30PM), <https://www.who.int/news/item/02-03-2022-covid-19-pandemic-triggers-25-increase-in-prevalence-of-anxiety-and-depression-worldwide>

was not that effective in the COVID-19 Era.

CENTRAL ARGUMENT - The central argument aims to bring forward the main principles of the study which covers and brings forward the various initiatives in matters of health infrastructure and argues and focuses on the imperative notion of the global patterns, and potential implications in the context of the global growth. The central argument revolves around the principle of investigating the role of global health facilities and hence lays down the intricacies and the complexities in the comparative. The concept of global health remains a core central concept. The main thesis of this study is to analyze the role played by the various sectors and the departments what steps are taken by them and how they influence and foster the well-being of individual and global health concerns. A more equitable and efficient system will be greatly aided by addressing health issues, improving accountability, and encouraging adherence to global standards within these domains.

RESEARCH QUESTIONS:

- 1)What are the various shortcomings and challenges to building a much more persistent and adaptable system in terms of health post-COVID-19 arena?
- 2) What role do International organizations like the World Health Organization play in strengthening the global health system and how can it transform it into a much more robust system for future preparedness and act as a response to future problems and issues?
- 3)How can you analyze the varied types of disparities and how the development of new technologies and vaccines are used in terms of global health security concerns and what are the frameworks under which it can be analyzed?
- 4)Examine and investigate the challenges and the shortcomings in terms of global health security concerns post the pandemic Era.

RESEARCH QUESTION 1:

What are the various shortcomings and challenges to building a much more persistent and adaptable system in terms of health post-COVID-19 arena?

There has been a profound and everlasting impact on various facets of society during COVID-

19. The pandemic has furthermore highlighted the vulnerabilities and the impact of the globalized world and how much capabilities the nations have to respond to the crisis. The concept of health security has taken a concrete and major role in the world with the advent of COVID-19. The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches toward the understanding of global health concerns in a globalized world.

The various critical weaknesses have been exposed due to the emergence and the spread of the pandemic in the global world hinting at the need for reevaluation and the response mechanism in the international scenario. As the world is changing with the various potential developments and the international scenarios it is the need of the hour to discuss the global health security in the post-pandemic world. The research paper will seek to investigate and delve into the various issues that help us to understand and provide a deeper understanding of security in terms of health in the post-pandemic world. The COVID-19 pandemic has highlighted the various weaknesses regarding the preparation the various nations have in the globally developing world.

Multiple challenges are present and hence to overcome such shortcomings and challenges a much more comprehensive and robust system to ensure a much more persistent and adaptable system hence which covers the vast arenas of social, economic, and other varied dimensions.

Below mentioned are some of the central factors:

Data Integration-The first and foremost factor is the concept of data integration which highlights the loopholes that most of the health systems present in the contemporary world lack they miss the interaction of data from varied sources and hence the non-availability of the data from multiple sources makes it cumbersome to have a comprehensive and detailed view of the health of the individual. Hence real time data is required.⁶ Hence the establishment of varied standards and frameworks ensures the flow of the data in a smooth manner across the various established platforms.

Digital Divide: The next crucial factor is the lack of equal access to the people in terms of the digital divide which states that not having equal access to various healthcare services highlights

⁶ *The impact of COVID-19 on global health goals*, WORLD HEALTH ORGANIZATION, (Nov 23, 2023, 4:00PM), <https://www.who.int/news-room/spotlight/the-impact-of-covid-19-on-global-health-goals>

and results in the disparities in the global healthcare system. One of the prominent challenges that remains in this field is equal and equitable access terms of digital knowledge in the various marginalized communities.

Privacy Concerns: The pandemic has furthermore highlighted the vulnerabilities and the impact of the globalized world and how much capabilities the nations have to respond to the crisis. The concept of health security has taken a concrete and major role in the world with the advent of COVID-19. One of the most crucial factors is the continuous increase in the usage of various health solutions that talk and discuss about the concerns related to privacy and health information. One of the incumbent challenges is the establishment of a robust system that ensures the compliance of the data and in turn is governed by some rules and regulations to build a bridge of trust among the regular users of the data.

Inequality in terms of Health:

The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. There have been multiple inequalities that existed in the world in matters of health whereas post the pandemic the concept of health and the existing disparities in the system have hiked up. Health concerns have increased post the pandemic and have highlighted the intricacies of the health department. One of the major concerns that exists in the contemporary world is the implementation and designing of various interventions some of which specifically target the populations and hence help to address the vulnerabilities and ensure a combat system.

Emerging Threats:

It has exposed the varied threats in the International framework. This paper furthers the view that the relevance of global security and states COVID-19 as a threat related to health and economics. It further states that there is a need for sustained investment in the global framework and hence elaborates greater accountability and hence poses a threat. It further states that some of the health systems have responded immediately to the pandemic while some others have not responded rapidly to the situation. It further highlights the intricacies and highlights the concept of the health crisis in the global world.

Communication Strategies: Communication Strategies play a crucial role in governing the ambit and covering the facets of the healthcare systems in the present contemporary world. The various community engagement and social engagement have played a central role in facilitating global interaction and helping further boost the path of healthcare systems.

RESEARCH QUESTION 2:

What role do International organizations like the World Health Organization play in strengthening the global health system and how can it transform it into a much more robust system for future preparedness and act as a response to future problems and issues?

There has been a profound and everlasting impact on various facets of society during COVID-19. The pandemic has furthermore highlighted the vulnerabilities and the impact of the globalized world and how much capabilities the nations have to respond to the crisis. The concept of health security has taken a concrete and major role in the world with the advent of COVID-19. The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns.

It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. The various critical weaknesses have been exposed due to the emergence and the spread of the pandemic in the global world hinting at the need for reevaluation and the response mechanism in the international scenario. As the world is changing with the various potential developments and the international scenarios it is the need of the hour to discuss the global health security in the post-pandemic world.

The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. There have been multiple inequalities that existed in the world in matters of health whereas post the pandemic the concept of health and the existing disparities in the system have hiked up. Health concerns have increased post the pandemic and have highlighted the intricacies of the health department. One of the major concerns that exists in the contemporary world is the implementation and designing of various interventions some of which specifically target the populations and hence help to address the vulnerabilities and ensure a combat system.

HISTORY OF THE HEALTHCARE SYSTEM

Establishment of the International Organizations:

The World Health Organization plays a central role and remains a core concept in the issue to address the various plagues and diseases and hence it commenced in the year 1948 with the establishment of the International Organization. It is one of the specialized organizations of the most prominent organizations like the United Nations and hence acts as a pillar of public health. Between the years 1967 and 1980 diseases like Smallpox and hence were among the infectious diseases and remain one of the prominent historical backgrounds of the epidemic disease.

Small Pox:

The World Health Organization remains under the ambit of the global campaign in the year of 1967. Later on, when efforts were made and hence due to intricate surveillance and widespread efforts of vaccination these actions brought forward and hence the World Health Organization declared the disease of smallpox to be removed around the year of 1980.

Asian Flu:

One of the major flu that emerged was the Asian Flu Pandemic hence was caused by the H2N2 influenza A virus. Hence the World Health Organization played a major and prominent role in matters of the spread of the virus and hence was one of the major reasons for global illness.

HIV/AIDS Pandemic:

Then in the subsequent years, the emergence of HIV/AIDS remains one of the major concerns in matters of health. International Organizations like the World Health Organization remain to be one of the global concerns. There has been the presence of a Joint United Nations hence involves steps like prevention, treatment, and coordination to bring out the varied efforts to control the increase in the virus. Organizations like the Joint United Nations Programme worked with the collaboration of the organizations like United Nations and the World Health Organization to prevent the spread of the virus.

SARS:

There has been a massive and sudden outbreak which has been caused by the SARS-CoV virus

and hence got a response from the World Health Organization this organization played a major role in managing and hence bringing out coordinating the steps of the virus in matters of surveillance, management, advisories and hence major collaborations took place. The virus has been taken place from SARS-COV-2.⁷

H1N1 Influenza:

This pandemic was also termed with the name of Swine Flu and hence led to a global collective response from International Organizations like the World Health Organization and hence this pandemic was declared a Public Health Emergency which was of International Concern and hence promoted as a guide on multiple steps like vaccination, uses and surveillance.

Ebola Condition:

The World Organization was major and the World Health Organization played a crucial role in addressing the various and multiple outbreaks in Africa and between the periods of 2014-2016 and in the Democratic Republic of Congo. It has played an important role in the coordination on the International level hence providing expertise and supporting the health system to curb the spread of the virus.

COVID-19:

One of the most significant and prominent ones was the COVID-19 pandemic which was caused by the SARS-COV-2 virus and hence is of the most recent pandemic. It was declared as a Public Emergency of International Concern and was later declared as a pandemic on March 11, 2020. This organization has been involved in the coordination, acting as a guide in matters of the treatment, prevention measures, and distribution of resources.

Hence in all of the above cases and scenarios, a major and tremendous role has been played by the World Health Organization and hence it proves to be efficient, a guiding force, and something that copes with shortcomings and challenges and promotes a sense of global security in matters of health.

⁷ By Benedette Cuffari, How has the COVID-19 Pandemic impacted Global Health, (Nov 28, 2023, 3:40PM), <https://www.news-medical.net/health/How-has-the-COVID-19-Pandemic-Impacted-Global-Health.aspx>

RESEARCH QUESTION 3:

How can you analyze the varied types of disparities in how the development of new technologies and vaccines are used in terms of global health security concerns and what are the frameworks under which it can be analyzed?

It is a multidimensional approach to analyze the multiple types of disparities in matters of health standards and hence to understand the varied types of technologies and vaccines. There are multiple frameworks under which it can be understood and hence address the various disparities and evaluate the impact of technological improvements on global standards.

Health security is somewhere or the other linked to the security of the neighboring nations. it further highlights the need for global health security in the world, threats of various infectious diseases. The arena of global health security goes from a wide range of topics firsthand about the various warnings and control to the preparation for the pandemic, distribution of the vaccine, and cooperation on global standards and an international level. A much deeper understanding of the global health system will help to facilitate a better analytical understanding of the interaction of the various states on a global level.

The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. This paper will further analyze the multifaceted dimensions of health security, the role of the organizations, and the distribution of the vaccine.

The approach in the real sense is both visionary as well as pragmatic in nature to help further enhance the standards to help further enhance and ensure a resilient future in the global world.

It aims to give a much more comprehensive framework in the post-pandemic world. The paper aims to contribute and create an adaptable and robust health security framework for the well-being of the people in the International arena.

TYPES OF DISPARITIES:**1: Access Disparities:**

It helps to analyze the accessibility of the varied healthcare services and includes the new

technology and hence among the diverse regions and the varied socioeconomic groups. It in turn uses the Access to Medicine Index and other frameworks and inculcates varied factors like affordability, appropriation, and availability. There has been significant changes and the weaknesses in the system.⁸

2: Health Disparities:

It helps to analyze and examine the various outcomes in matters of diseases and the various amounts of threats among multiple populations and hence it creates a framework for the various detriments of health to contribute and to understand more deeply the various factors that contribute to the disparities in health.

3. Vaccine Disparities:

One of the crucial disparities that exist is the lack of the equitable distribution of resources and hence factors like wealth, geography, and geopolitical conditions play a major role. The varied forms of the initiatives like the COVAX initiative played a major role in enhancing and aiming to ensure equitable distribution of the resources.

4: Technological Disparities:

It examines and analyses the various forms of the technologies and the adoption of such technologies in the real world for matters of healthcare, tools, and digital healthcare systems. The major challenge in this field is the digital patterns which eventually evaluate and access the digital technology across the various populations.

5: Socioeconomic Disparities:

It analyses and examines how the various socioeconomic factors play an important role in global health concerns including factors of income, and education, and how they influence the various personal, community, and other factors.

⁸ Antony J. Blinken, Strengthening Global Health Security and Reforming the International Health Regulations, JAMA NETWORK, (Nov 25, 2023, 5:00AM), <https://jamanetwork.com/journals/jama/fullarticle/2783866>

DEVELOPMENTS AND THE VARIED FRAMEWORKS IN THE FIELD OF TECHNOLOGIES AND VACCINES:

There have been varied forms of development in matters of technology hence technological advancements play an important role in the arena of technology and Vaccines and hence its impact on the various types of technology and health is of prime importance. The Technology Readiness Level is somewhere or the other times used to assess and to make out the impact of the technologies or how the technologies have a potential impact on the varied fields. The scenario of the development in the field of vaccines is also something which in itself is very profound and hence needs to be addressed and seen in the context of the uplifting global standards. The efforts of the pharmaceutical company are also something that needs to be highlighted in the race of global concerns. The Global governance and international Relations and Global collaboration take into consideration various factors like International Collaboration and mitigate the spread of infected diseases.

The analysis of the various kinds of disparities plays a crucial role and there are multiple frameworks under which it can be analyzed.

Global Health Security Index: marks the countries that can keep track and prevent future emergencies and hence marks the countries on various factors like health infrastructure, responses, norms, etc.

Sustainable Development Goals (SDGs): These goals help to analyze the broader concept of sustainable development in the real-world scenario and hence analyze factors like poverty, inequality, and education. It integrates the various economic, social, and environmental factors and considers them.

Health Approach: It helps to find out the correlation and the interconnection between the animal, human, and the environmental concepts in the real-life scenario and hence takes into consideration the environmental factors and the ecosystems.

Ethical Frameworks: It hence provides a basis and aims to evaluate the various interventions and policies in the various populations and inculcates principles of autonomy, Justice, and assessment.

RESEARCH QUESTION 4:

Examine and investigate the challenges and the shortcomings in terms of global health security concerns post the pandemic Era.

The COVID-19 pandemic has brought out a sharp relevance of the various facets of global security concerns. It has undergone various holistic approaches towards the understanding of global health concerns in a globalized world. There have been multiple inequalities that existed in the world in matters of health whereas post the pandemic the concept of health and the existing disparities in the system have hiked up. Both the health and the security are interconnected topics.⁹Health concerns have increased post the pandemic and have highlighted the intricacies of the health department. One of the major concerns that exists in the contemporary world is the implementation and designing of various interventions some of which specifically target the populations and hence help to address the vulnerabilities and ensure a combat system.

The various critical weaknesses have been exposed due to the emergence and the spread of the pandemic in the global world hinting at the need for reevaluation and the response mechanism in the international scenario. As the world is changing with the various potential developments and the international scenarios it is the need of the hour to discuss the global health security in the post-pandemic world. The research paper will seek to investigate and delve into the various issues that help us to understand and provide a deeper understanding of security in terms of health in the post-pandemic world. The COVID-19 pandemic has highlighted the various weaknesses regarding the preparation that the various nations have in the globally developing world. It will help to further respond to the various emergencies related to the future and highlight the various lessons that have been learned from the pandemic. The various disparities related to healthcare, vaccines, or their impact have further been done to promote various healthcare services in various income-aged countries. During the pandemic, the effectiveness of international organizations like the World Health Organization (WTO) has been called and ensures a much more efficient and robust system related to future pandemics.

⁹ Helena Legido Quigley, Helen Clark, Sania Nishtar, Richard Horton, *Reimagining health security and preventing future pandemic: the NUS-Lancet Pandemic Readiness, Implementation, Monitoring and Evaluation Commission*, THE LANCET, (Nov 27, 2023, 5:00PM), [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(23\)00960-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(23)00960-1/fulltext)

The time of the pandemic witnessed a much more hike in the unequitable distribution of the resources hence terming it as a disparity towards the limited access to the vaccines and the risk of the emergence of the varied types of variants. There was a much more common hesitancy that existed in real life hence the people were very much reluctant to use the vaccines which brought out resistance among the people. There are chances of lack of communication and lack of trust which eventually contribute to global health concerns. There are certain gaps and loopholes exist in the contemporary world which exist due to the lack of a bridging mechanism in the detection of infectious and faster spreading diseases hence coordination and the share of information play a major on the same hand if there is no efficient community engagement there are chances that it will restrict the flow of the accurate information among the people and will lead to people being left upset and being distressed.

CONCLUSION:

The concept of global health concerns plays a much more multifarious role and hence international collaboration becomes much more important in such a case in a world comprising of rapid involvement the notions or the concepts have expanded and hence have changed into threats and involve a wide range of topics.

The true essence and the nature of the globalized world hence make it necessary for the nations to further address the concerns related to security and hence it is where both the corporation and the diplomacy play and act as vital components and hence factors such as inequality, poverty, instability in terms of politics and hence ensures a much more long term benefitting global scenario.

Global health security concerns are a vast topic and hence require far-reaching goals and standards and hence coordinated and collaborated efforts play a major role. The pandemic has highlighted the multiple vulnerabilities in the contemporary patterns and the system. It becomes much more essential to highlight the effects and the medical and vaccine technologies.

It is hence worthy to note that it becomes crucial to learn from past experiences and hence to improve the standards in the governance systems and hence inculcate and enhance the role of organizations like the World Health Organization and hence fostering the mechanism for resource allocation and hence in terms of facing the global concerns to make out that the health of the individual is a global goal and a global issue which not only makes it as a global

responsibility but in turn needs to be worked out with methods of transparency, collaboration, accountability and a much more robust system for the same.