

**Is the lack of a mandatory vaccine for Covid-19 a great threat to our health, our economy
and to our society?**

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Abstract

Covid-19 randomly started spreading illness across the world, leaving us in shock and confused on how to handle this severe flu. As the world continuously adapts and migrates, there is hard ideas and analysis taken into consideration before handling this virus. This virus has a severe impact on our economy, social life, and health. Too combat this issue, the question is if the lack of a mandatory vaccine for Covid-19 a threat to our health, our economy and to our society? A vaccination has just recently been available, giving society a choice on how they will handle this global crisis. This paper takes an interdisciplinary approach using the Psychology, Economics, and Medicine disciplines to provide new information on this complex situation. Using empirical research studies from each discipline, the 10 step Interdisciplinary Process was applied by defining the problem, justifying an identifying these disciplines, analyzing the insights, creating comprehensive understanding and being able to communicate it. Ultimately, this paper will go into great depth on how a vaccine could have potential benefits to this crisis, despite the obstacles stopping you from getting there. This topic is perfect because it is a problem I can state without jargon or bias, disciplinary or personal.

Paper

In the 10-step interdisciplinary process, the first rule is to define the problem. As stated above, our problem is the spread of the corona virus and the impact it has created within our society. With this problem, it allows us to focus and discuss the threats of the current pandemic of covid-19 and how it affects the world's overall economy. Furthermore, it also allows us to discuss all the related threats affecting the Global Health system and society. For the next 2 steps of this process, we must justify using an interdisciplinary approach and identify the relevant disciplines

within this specific topic. Our interdisciplinary approach will involve team members from the Psychology, Economics, and Medicine disciplines.

Following the 10-step process, conducting a search, and developing adequacy in the relevant disciplines is key. One discipline we will be highlighting right now and creating relevance is the economics side, as we need to understand that the covid-19 affects the global economy significantly since its start. The implementation of “large-scale containment measures by governments to contain the spread of the COVID-19 virus has resulted in large impacts to the global economy” (J. Verhsuur, 2021). Through several research and studies, it has been concluded that the economic and financial phenomenon and events have been shifting abruptly in the world. The world's overall economy has “become very volatile, and it is showing Trends that are very productive and unpredictable” (Brammer, 2020). The world's overall economy has become very uncertain, and the shifts in the financial frameworks are unique and impactful. It has been said that “over ten trillion in economic loss worldwide, shutting down businesses and plummeting stocks to their lowest” (R. Dahr, 2020). This is a great aspect to acknowledge when critically analyzing through the process.

When it comes to the supply part of the economics principle, we observe that there is a reduction in labor productivity and the labor supply. While we take this into consideration, it also got disrupted due to the social distancing, closures of almost all kinds of businesses, and the lockdown implemented by the governments. On the other hand, when we talked about the demand side of the economy, there is a huge loss in the incomes in which current unemployment teams and aspects of morbidity have played a decisive role. All these factors summed up together to create more vast and economic prospects. The investments in the business have become extremely limited. The influential investors extracted their investment from multi-billion-dollar

projects. In addition to this, the situation of great uncertainty globally is related to the magnitude part and the overall duration of the business's creative vicious cycle (Chan, 2020).

Next, we will then go into depth that shows how the current pandemic of covid-19 is a dangerous threat and how it is associated with the psychology principle. The government's lockdown is social distancing; cancellation of all kinds of social gathering people has seen an adamant and disturbing time. This structure of society has collapsed up to a hazardous level. With no socializing and social gatherings, the form of the community has become a rare thing. "Inability to meet their familial demands and to survive the quarantine rules made them panicky, stressful, ignorant and even more susceptible to the infection" (H. Raval, 2020). It has affected the psychology of the masses, and because of the current uncertainty in the environment, people could possibly develop a mental health condition. There is a study that "identified increased prevalence of stress, anxiety and depressive symptoms during the initial stage of COVID-19 pandemic" (H. R. Devkota, 2021). Although this is a hazardous health class for the world, we cannot ignore the fact that it affects the mental health situation of every person in the world. If someone is diagnosed with covid-19, they must be in Quarantine for at least two weeks and during that time. Along with physical health, mental health also becomes particularly important. It is the responsibility of all Healthcare Institutions, governments, and well-related organizations to conduct counseling of everyone keeping in mind the aspect of the mental health condition. People around the world have become so frustrated due to uncertainty and unpredictability.

According to the World Health Organization, covid-19 is responsible for or a dramatic loss of a considerable population of human life. It has become a perilous challenge, especially to public health. According to the World Health Organization, there are chances that tens of millions of a population could have health conditions. Covid-19 is causing the health conditions of people to

affect up to a hazardous level. There is a huge number of deaths every day, and because of the covid-19, people recovering from the virus are also observed to have seen many other medical conditions. With these conditions, it is about time to start discussing the prevention of them. The only big step to the prevention of Covid-19 would be the creation of the vaccine. This is also a huge step in the 10-step interdisciplinary process, as it creates a common ground and constructs comprehensive understanding. With the continuous process of vaccine trials, it verifies the understanding of my research question giving it support. The World Health Organization has “proposed to coordinate an accelerated and parallel testing of COVID-19 vaccine candidates. The World Health Organization has called 300 experts to constitute a vaccine landscape: in June 2020 it comprised 120 vaccine candidates, several of which are already in clinical trials” (Brussow, 2020). This almost finishes up the 10-step process, as we are coming to the last step which is communicating the understanding.

With the three principles economics, psychology, and medicine we can really dissect each study and information provided throughout this paper. The statistics and information given can help conclude that the lack of a mandatory vaccine for Covid-19 is a great threat to our health, our economy and to our society. The research provides explicit information providing support for the reasoning on why covid-19 is a great threat, and why when the quicker everyone becomes vaccinated the quicker the economic and psychology disciplines will be less of a traumatic factor within our society. This work has presented an interdisciplinary approach to answer the question, is the lack of a mandatory vaccine for Covid-19 a great threat to our health, our economy and to our society? The 10-step Interdisciplinary process refined the problem statement and identified the complexities of the topic. This process was then used to identify the three disciplines acknowledged and to analyze the conflictions and questions between the

research question. This helped identify the key issues within this topic and helped dictate the positive changes within the covid-19 pandemic. In conclusion, these changes were identified and are shown to prevent future threat from the virus to our health, economy, and our society. The objective was to develop skills in writing across disciplines by applying the 10-step interdisciplinary research method to a discussion or argument on a real-world issue, and it was achieved.

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