

## OPTIMIZING ACCEPTANCE AND RECEPTIVENESS OF COVID-19 VACCINE – NURSING PERSPECTIVES

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### ABSTRACT

*Healthcare workers are at the frontline of the COVID-19 pandemic and have been identified as a priority target group for COVID-19 vaccines. It was widely recognized in the scientific community that vaccination is a key intervention to cope with the pandemic. Vaccination is one of the most significant public health achievements. Vaccines prevent over 20 fatal diseases, and immunization saves approximately 2–3 million lives yearly. Healthcare workers are still in the front-line of the fight against the new virus, even by risking their own lives. Suboptimal vaccination coverage for routine vaccines was identified among healthcare workers across the world. The health protection of healthcare workers such as nurses and midwives is crucial during pandemics; thus, it is essential to estimate the proportion of professionals willing to be vaccinated and identify the specific factors that affected their decision.*

**Key words:** Healthcare workers, COVID-19 vaccines pandemic, Vaccination, health protection

### Introduction:

In December 2019, there was an outbreak of the COVID-19, caused by SARS corona virus 2, detected first in Wuhan city, China. WHO declared COVID-19 as a pandemic due to the alarming levels of spread and the severity of the infection? This viral infection is associated with wide spectrum of illness that ranges from asymptomatic, mild to severe, or fatal. The most common clinical symptoms of COVID-19 include fever, fatigue, and shortness of breath, dry cough and pneumonia.

To decrease the spread of covid infection, nations around the world have taken different controlling measures like Full or partial lockdown, promote social distancing, closing down school, business, public parks etc., wearing face masks in public. This has resulted in notable decrease in spread of the covid infection.

### Steps to optimize vaccination process -

Major countries around the world with support of WHO, are also exploring ways for the treatment of COVID-19 infection and vaccination has been found as the most

effective one. But due to different rumors, or false news, it has been noticed that people in different parts of the world are hesitant to take vaccine.

The government or political leaders of the respective countries must conduct researches to understand the concerns or issues and enablers to vaccination. This can be achieved by public surveys using social media platforms, taking feedback at vaccination centres, etc. These efforts can play a decisive role in building the trust of the communities on the Health system, vaccine and process adopted to perform vaccination.

Below can be the three major factors, which will lead to optimize the Acceptance and Receptiveness of COVID-19 vaccine across the nations:

### Favorable Infrastructure:

The first step should be to provide 'Favorable Environment' to the public. Multiple groups like Immunization programme managers, community and religious leaders, health workers, societies and social media platforms can contribute in these efforts. Environmental factors might involve:

1. Place: It should be safe and convenient for all.
2. Cost: It should be reasonable, which will enable all kind of population to easily pay and get vaccinated.
3. Time: Short and determined.
4. Approach: Health care workers at vaccination site, must treat all kind of population with respect and educate them, if they have any queries or concerns regarding vaccine.
4. For Pregnant Women: Eligible or not.
5. For Lactating mothers: Eligible or not
6. Efficacy rate: Higher efficacy rate increase trust of people on vaccine. So concerned bodies must promote the efficacy rate of the vaccine.

### Conclusion

To optimize the acceptance and receptiveness of the vaccine, the concerned bodies must conduct researches on different parameters to understand the people's concerns toward the vaccine, they should provide favorable environment which will encourage eligible people to reach vaccination sites, break the myths or false news regarding vaccines, build more and more awareness among the people about why they should get vaccinated, involve more public groups to increase the participation and finally promote vaccination as much as possible at all levels.

**Conflict of Interest:** None

### Bibliography

#### Social Factors:

1. Stop the spread of false news or rumors related to Vaccine and its side effects.
2. Support from public influencers like social media bloggers, public leaders, spiritual leaders, players etc. shall be taken to encourage people to get vaccinated.
3. Clarification must be provided from governments if there are any concerns reported for vaccine.
4. Be an example: Public leaders, Social media influencers, TV stars, Players, Health workers, etc., must take the vaccine first, so it will motivate their followers to go for vaccination.

#### Awareness Regarding Vaccination:

1. Vaccine is effective: Efforts should be made to build awareness among people that vaccine is effective and it will save people against infection.
2. Less complications: Awareness should be made that vaccination will lead to less complications if get affected from covid infection.
3. Eligibility: There should be clear awareness among the people regarding, which age group of people are eligible to get vaccinated.

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