



CASE STUDY – A SURVEY ON PEOPLE’S ATTITUDE TOWARDS COVID-19 VACCINE

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ABSTRACT

Introduction: The COVID-19 pandemic caused nearly unrivalled loss to many nations’ lives, health, and economies. It has caused an enormous burden of illness worldwide, and no specific antiviral drugs are currently available for COVID-19. While physical distancing and other preventive measures have become an integral part of daily life for most, the hope for recovery lies in high equitable vaccine uptake. India initially approved the Oxford–AstraZeneca vaccine (manufactured under license by Serum Institute of India under the trade name Covishield) and Covaxin (a vaccine developed locally by Bharat Biotech). They have since been joined by the Sputnik V, Moderna vaccines, Johnson & Johnson vaccine and ZyCoV-D (a vaccine locally developed by ZydusCadila) and other vaccine candidates undergoing local clinical trials. In India administration of COVID-19 vaccines began on 19 January 2021. Major challenges still on the way are in supply shortages, adverse reactions and unwillingness of people to take the vaccination.

So, understanding the perception and attitude toward vaccination can play a pivotal role in dealing with pandemics. For this purpose, a questionnaire was constructed by the faculty members of Global Group of Institute for online survey of people’s attitude towards COVID-19 vaccination. The responses were received on a google form which was circulated through social media platforms like Facebook, Instagram, and WhatsApp etc. A total of 60 responses were collected from a random population of Punjab, out of which 48 persons were in the age group of 15-25 and 12 were in the age group of 26-45. Gender wise distribution showed male respondents were more predominant (55%) compared with female. Further 78% of the respondents were students and others were working professionals.

Keywords: Corona Vaccine, COVID-19, Vaccination

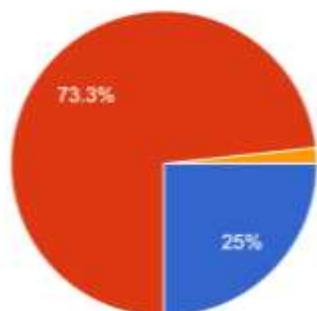
Discussion and Results

Understanding the epidemiological aspects of disease control, as well as the efficacy and progress of the vaccination program, demands an understanding of the local population’s attitudes and practices toward the COVID-19 vaccines. Our study aimed to highlight percentage of people who have taken the vaccination, reason behind taking the vaccine, their perception and worries about unforeseen effects they experienced.

Various questions asked and responses received in the survey are shown in the form of pie charts.

Have you taken the Covid-19 Vaccine?

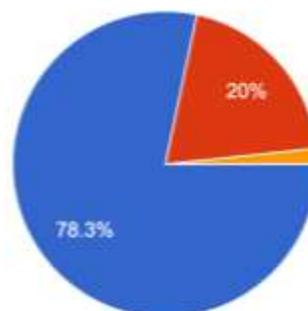
60 responses



- Yes (First dose)
- Yes (both doses)
- No

Which vaccine have you taken?

60 responses

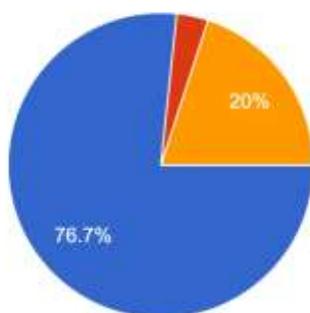


- Covashield
- Covaxin
- Others

The data showed about 73% of the respondents had taken both the doses whereas 25% of them had taken single dose of vaccine and still there were few respondents who haven't taken the vaccine. Among various vaccines, majority (78%) of the respondents had taken Cova-shield vaccine.

You have taken/will take the vaccine because-

60 responses

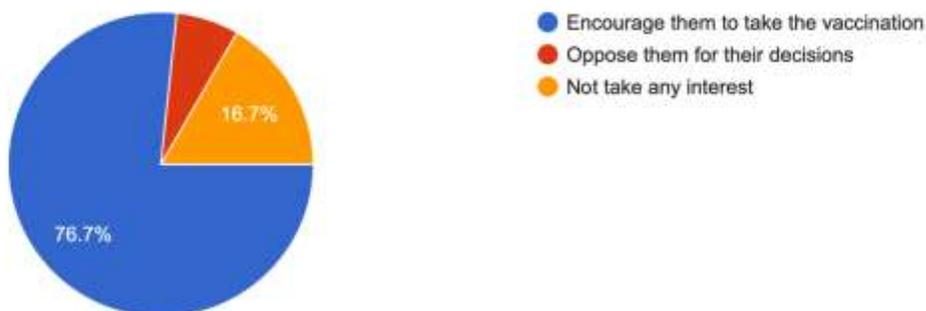


- It is necessary for prevention against the virus
- Many people around you were taking the vaccine
- It is mandatory for your work place/ institution

On comparing the older data with this data, it is clear that people are increasingly accepting the vaccination and their beliefs about its necessity has positively changed as 77% of the respondents claimed to believe that the vaccine is vital to prevent us from the virus.

If anyone around you (friends or family) is thinking to get vaccinated, you will-

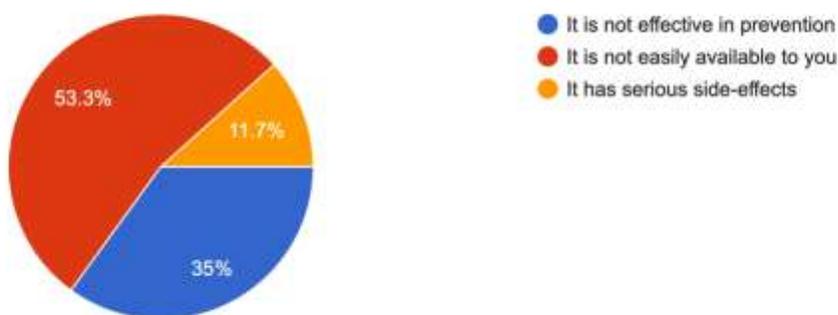
60 responses



Similarly, about 77% of responders claimed to encourage others to take the vaccine. However, 20% of them still took the vaccine merely due to its compulsion at their working place/institute and about 7% of respondents are still not in the favor of taking vaccine.

If you have not/when you had not taken the vaccine the reason is/was-

60 responses



Regarding the supply of vaccine, for more than 50% among the responders, it was not easily available.

The effects you have experienced after vaccination-

60 responses



Lastly, 65% of the respondents have experienced moderate fever whereas, 37% claimed that they have not experienced any side effects at all.

Conclusion

The study provide insight into the population's perception and attitude towards the COVID-19 vaccine. Comparison of the data received in this survey is compared and that of previous months shows that most of the people are vaccinated, acceptance for vaccine is significantly increased. However, Government can make policies and strategies more carefully to overcome the supply shortages of vaccine for second and its booster dose. Also, regular monitoring of the vaccination program and vaccination risk communication strategies are essential to ensure trust in COVID-19 vaccines.

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