

# Attitude Towards COVID-19 Vaccine Among Medical and Non Medical University Students of Pakistan

With the sudden outbreak of SARS-COV-2, vaccines appear to be the most efficient measure in order to control the pandemic; followed by wearing masks and social distancing. However, vaccines are only effective if a community collectively uptakes vaccination. Which means more than 70% of people in a community would need to be vaccinated in order to achieve herd immunity. This approach is growing increasingly difficult with the emergence of a phenomena termed as 'vaccine hesitancy'.

For any queries, you may contact us at: [vaccinehesitancyresearch@gmail.com](mailto:vaccinehesitancyresearch@gmail.com)

\* Required

## Electronic Consent

The following survey asks questions regarding your opinion and willingness to uptake the COVID-19 Vaccine.

This is an anonymous survey. No personal or identifying information (such as your name, email, IP address or passwords) will be disclosed or stored. All information shared with us will remain confidential.

Only university students from Pakistan between the ages of 18-25 years are eligible to participate in this research.

1. By clicking yes, you agree to participate in this survey. \*

*Mark only one oval.*

☐ Yes, I agree

☐ No

## Section 1: General

## 2. Gender \*

Mark only one oval.

- ☐ Male
- ☐ Female
- ☐ Other

## 3. Age \*

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## 4. What is your university curricula? \*

Mark only one oval.

- ☐ Medical
- ☐ Non-Medical

## 5. If you're a Non-Medical Student, specify your major

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**Evaluation of Prior Knowledge to COVID-19 Vaccines**

For the following four statements, pick "True" if you think they are correct and "False" if you think they are incorrect.

## 6. Approved vaccines for COVID-19 exist. \*

Mark only one oval.

- ☐ True
- ☐ False

7. If I've had COVID-19 and recovered, I don't need to get the vaccine. \*

Mark only one oval.

☐ True

☐ False

8. I still need to take safety precautions after getting a COVID-19 vaccine. \*

Mark only one oval.

☐ True

☐ False

9. COVID-19 vaccine can potentially give me the coronavirus. \*

Mark only one oval.

☐ True

☐ False

## Section 2: Attitude Towards Vaccine

Participants are requested to keep COVID-19 Vaccine in mind while selecting a response.

1 = strongly disagree, 2 = disagree, 3 = neither agree nor disagree, 4 = agree, 5 = strongly agree.

10. Vaccines are important for my health \*

Mark only one oval.

1      2      3      4      5

Strongly Disagree ☐ ☐ ☐ ☐ ☐ Strongly Agree

## 11. Vaccines are effective \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

## 12. Vaccines are important for the health of others in my community \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

## 13. All vaccines offered by the government program in my community are beneficial \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

## 14. New vaccines carry more risks than older vaccines \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

15. The information I receive from the vaccine program is reliable and trustworthy \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

16. Getting vaccines is a good way to protect myself from the disease \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

17. I am concerned about serious adverse effects of vaccines \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

18. I do not need vaccines for diseases that are not common anymore \*

Mark only one oval.

	1	2	3	4	5	
Strongly Disagree	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Strongly Agree

19. Please select the statement(s) you agree with. You may select more than one statement. \*

*Check all that apply.*

- ☐ I am concerned about potential side effects of covid-19 vaccine
- ☐ I think covid-19 vaccine may not be safe
- ☐ I do not think that covid-19 is dangerous to my health
- ☐ I think that covid-19 vaccine may not be effective
- ☐ I can prevent covid-19 with precautions other than vaccine
- ☐ I am confident I will not get infected with COVID-19
- ☐ I am afraid of injections
- ☐ I have some religious concerns
- ☐ I believe covid-19 is man-made
- ☐ I am afraid the vaccine may cause infertility
- ☐ I am afraid the vaccine may cause autism
- ☐ I am against vaccination in general
- ☐ None of these

### Section 3: Motivation To Get Vaccinated

20. My motivation to get vaccinated will increase IF (you may select more than one statement): \*

*Check all that apply.*

- ☐ I saw that my friends and family didn't have negative side effects from the vaccination
- ☐ I was convinced that the vaccine had been rigorously tested
- ☐ A trusted health care worker told me to get vaccinated
- ☐ I saw that enough people who got the vaccine didn't get sick with COVID-19
- ☐ Someone I knew was hospitalized/died from COVID-19
- ☐ I was convinced that getting vaccinated helped protect vulnerable members of my community
- ☐ Religious leaders in my community said I should get vaccinated
- ☐ I received a financial incentive
- ☐ Getting vaccinated was required by my government
- ☐ Getting vaccinated was a requirement for my university (or job)
- ☐ None of these apply

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