

## COVID 19 vaccine hesitancy among medical undergraduate in Udaipur

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### *Abstract*

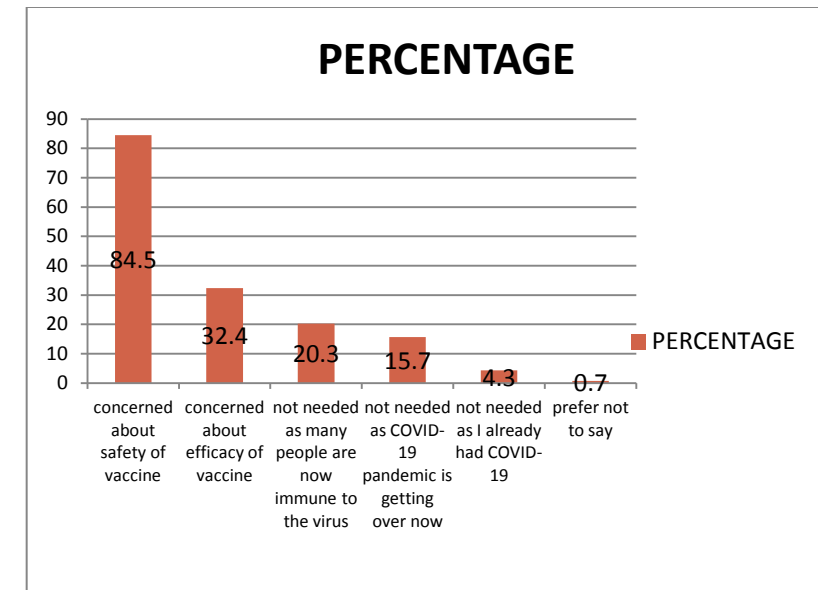
- **INTRODUCTION** : Recently world has witnessed a deadly phase of COVID-19 pandemic. Efforts have been made by government authorities to ensure the safety of each and every single individual. Vaccination is one such effective program launched by our Indian Government to tackle this Pandemic. Vaccination program began in January 2021 and in the first phase of program, healthcare workers and frontline workers were involved.
- **OBJECTIVE** To Study the general awareness and other factors related to vaccine administration among medical undergraduates.
- **METHOD** we conducted a survey amongst medical and nursing students from February 2021 to March 2021 and assessed their results. 93.1% students showed their interest in taking the first dose of Vaccine while 6.9% students expressed their concerns towards the Government's Vaccination program.
- **RESULT**: Majority of the students expressed their hesitations regarding vaccine efficacy and safety issues. Lack of general awareness among the common populations and ratio of vaccine production and vaccine utilization was found to be one of the important factor of hesitation.
- **CONCLUSION** :Most of the students were aware of the 2 vaccines available currently in India i.e. Covishield of SII and Covaxin of Bharat Biotech and Covishield was turned out to be their vaccine of choice because of more transparency in data regarding its safety and efficacy. Only point of concern among the student was the fear of contracting COVID-19 disease after taking the first dose of vaccination. 65% students expressed their willingness to participate as volunteers in COVID-19 vaccination trials also. Almost 85% students expressed the views and suggested to make a rule to take a vaccine dose on mandatory basis for all the healthcare workers, frontline workers, travelers and those who are at high risk of contracting this disease.

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### *Methods*

- A Crosssectional study is conducted in Maharana Bhupal Hospital and nursing college Udaipur by circulating anonymous online structured questionnaire using google forms among medical undergraduates and nursing students.



### *Results*

- An online questionnaire is filled by 200 students of medical college and nursing college students from February-2021 to March-21 vaccine hesitancy is found among 6.9% Students.
- Gender almost equally distributed
- In response to "willing to take covid 19 vaccine when offered" 3% disagree 3.9% not sure
- Internet ,social media ,teachers found to be the most common sources of information
- Concern regarding safety of covid 19 vaccine followed by concern regarding its efficacy was the most common reason cited by those hesitant to take the vaccine
- Comments are cited as Need for better education,Confidence in trials Need more clarification and authentication of research work

### *Conclusion*

vaccine of choice found covishield ,reason of hesitancy is need for more transparency in data and trial period