



HEB

Journal of Hospital Pharmacy
An Official Publication of Bureau for Health & Education Status Upliftment
(Constitutionally Entitled As Health-Education, Bureau)

JOHP

Impact of Covid-19 Vaccination among the Population of Gujarat

*Kenil J. Patel¹, Tushar R. Moradiya¹, Vidhi S. Kaneria¹, Dr Jagdish Kakadiya²,
Dr. Guno S. Chakraborty³, Dr. Snigdha D. Mandal², Jamsa A. Abdulaziz⁴

¹Pharm. D 5th Year Students, Department of Pharm. D, Parul Institute of Pharmacy and Research, Limda, Vadodara, Gujarat- 391760

²Associate Professor, Department of Pharm. D, Parul Institute of Pharmacy and Research, Limda, Vadodara, Gujarat- 391760

³Principal, Parul Institute of Pharmacy and Research, Limda, Vadodara, Gujarat- 391760

⁴Assistant Professor, Department of Pharm. D, Parul Institute of Pharmacy and Research, Limda, Vadodara, Gujarat- 391760

Email Id: serviceheb@gmail.com

ABSTRACT

Background: The success of COVID-19 vaccine will be dependent of development of safe and effective vaccines and acceptance of vaccine which is dependent on perceptions towards vaccine of general population. This study aims to assess the impact of COVID-19 vaccine among population of Gujarat.

Objective: To find the acceptance rate among healthcare professionals and general population and identify perceptions towards vaccine of healthcare professional and general population.


Materials and Methodology: It is observational study conducted online using a self administered questionnaire which was developed on Google Forms and distributed through social networking sites like Whatsapp and Facebook. Total 568 participants willingly participated in this study who hailed from different cities of Gujarat. The data was analyzed by SPSS Version 22.

Results: Among the 568 respondents, majority of participants (67.3%) were willing to get vaccinated, whereas 32.7% admitted hesitancy and among 194 healthcare professionals, 66.32% were willing to get vaccinated whereas 33.68% shown hesitancy. Among all participants, 84.5% intended to National manufactured vaccine and among 194 healthcare professionals 86% intended to get National

manufactured vaccine. Among all 56.2% were not sure regarding safety, 65.1% agreed that it will be effective and 41.5% wanted to get it for free. Among 194 healthcare professional, 50% were not regarding safety, 64.06% agreed that it will be effective and 43.75% wanted to get it for free.

Conclusion: This study reflected a high level of acceptance of COVID-19 vaccination among the general population and healthcare professionals in Gujarat. Concerns about vaccine safety, effectiveness, affordability and other perceptions by the public may hinder the promotion of vaccine uptake

Keywords: COVID-19, vaccine acceptance, public perception, healthcare professional, vaccine safety, Gujarat

Access this Article Online	Quick Response Code: 
Website: http://www.journalofhospitalpharmacy.in	
Received on 01/04/2021	
Accepted on 08/04/2021 © HEB All rights reserved	