

International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

Volume 2, Issue 6, May 2022

## **Overview: COVID-19 and COVID Vaccines**

<sup>1</sup>Kurhade Rupesh R., <sup>2</sup> Zaware Shailesh.K., <sup>3</sup>Momin Aman.R., <sup>4</sup>Gadge Vinayak.D., <sup>5</sup>Phapale Rohit. H., <sup>6</sup>Gadge Shubham. C.

> Samarth Institute of Pharmacy, Belhe, Maharashtra., India<sup>1,2,3,4,5</sup> <sup>6</sup>Student of Department of Pharmacology

Dr. Vitthalrao Vikhe Patil's Foundation College of Pharmacy, Ahemadnagar, Maharashtra, India

**Abstract:** Covid-19 is caused by SARS COV-2. To remain unaffected from covid-19 become easy by maintaining a 1 m distance, washing hand with an alcohol-based sanitizer, and vaccination. Vaccination is the best resource that can be effective up to90% from coronavirus. But some delusions about vaccination therefore people rebuff the vaccine. Even if vaccination is 50, 70 to 90% effective; three things impact taking the vaccine.

- Protection against coronavirus,
- Minor Side Effects like illness Sore arm fever,
- Major side effects like permanent or temporary paralysis or blood clots. With significant effect. Which 1 out of 1 lakh, therefore, is more likely to discourage the people.

According to our research article 1998, about common vaccination is vaccination after the birth of 28 days may induce Type 1 Diabetes mellitus which is an autoimmune disease that thing rumors in people's minds. Research also shows that mRNA is more effective than other attenuated vaccines. Even some major and minor side effects of vaccination. Vaccination is one of the best ways to slow down the spread or get mutates of the coronavirus. To encourage people and increased their knowledge they should firstly full filled with the knowledge of vaccination by making Awareness of the aftereffect of vaccination.

Keywords: SARS COV 2, COVID- 19, vaccination, Type 1 Diabetes mellitus, mRNA vaccine, adverse effects and efficacy, awareness

## REFERENCES

- [1]. A Review of Coronavirus Disease-2019 (COVID-19), Tanu Singhal , 25 feb 2020 https://doi.org/10.1007/s12098-020-03263-6.
- [2]. Features, Evaluation, and Treatment of Coronavirus (COVID-19) Marco Cascella; Michael Rajnik; Abdul Aleem; Scott C. Dulebohn; Raffaela Di Napoli. September 2, 2021. https://www.ncbi.nlm.nih.gov/books/NBK554776/
- [3]. Blood type and outcomes in patients with COVID-19Christopher A. Latz & Charles DeCarlo & Laura Boitano & C. Y. Maximilian Png & Rushad Patell & Mark F. Conrad & Matthew Eagleton & Anahita Dua.6 July 2020. https://doi.org/10.1007/s00277-020-04169-1.
- [4]. Vaccination and its adverse effects: real or perceived, Tom Jefferson, Coordinator 18 july 1998. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1113535/
- **[5].** Influence of a COVID-19 vaccine's effectiveness and safety profile on vaccination acceptance, Robert M. Kaplan and Arnold Milstein. January 21, 2021 . https://www.pnas.org/content/118/10/e2021726118.
- [6]. COVID-19 vaccines: where we stand and challenges ahead, Guido Forni & Alberto Mantovani on behalf of the COVID-19 Commission of Accademia Nazionale dei Lincei, Rome https://www.nature.com/articles/s41418-020-00720-9.
- [7]. COVID-19 Vaccine: A comprehensive status report Simran Preet Kaur and Vandana Gupta. 2020 Oct 15 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7423510/
- [8]. Adverse Events Reported From COVID-19 Vaccine Trials: A Systematic Review, Rimple Jeet Kaur et al. Indian J Clin Biochem. 27 march 2021. https://pubmed.ncbi.nlm.nih.gov/33814753/

Copyright to IJARSCT www.ijarsct.co.in

DOI: 10.48175/IJARSCT-4209

## IJARSCT



International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)

## Volume 2, Issue 6, May 2022

- [9]. Safety and Efficacy of the BNT162b2 mRNA Covid19 Vaccine through 6 Months. Stephen J. Thomas, M.D.,Edson D. Moreira, Jr., M.D., Nicholas Kitchin, M.D., Judith Absalon, M.D., et al., September 15, 2021. https://www.nejm.org/doi/10.1056/NEJMoa2110345.
- [10]. Dynamics of antibody response to BNT162b2 vaccine after six months: a longitudinal prospective study,PaulNaaber<sup>ab</sup>PärtPeterson<sup>c</sup>,6September2021.

https://www.sciencedirect.com/science/article/pii/S266677622100185X?via%3Dihub

- [11]. The safety of Covid-19 mRNA vaccines: a review, Pratibha Anand &Vincent P. Stahel 01 may 2019. https://pssjournal.biomedcentral.com/articles/10.1186/s13037-021-00291-9.
- [12]. Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study, Cristina Menni, PhD, Kerstin Klaser, MSc, and Tim D Spector, Prof, MD, 21 july 2021. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8078878/
- [13]. COVID-19 infection is a major cause of acute telogen effluvium, Khalifa E Sharquie et al. Ir J Med Sci. 2021. https://pubmed.ncbi.nlm.nih.gov/34467470/
- [14]. Rates of SARS-CoV-2 transmission and vaccination impact the fate of vaccine-resistant strains, Simon A. Rella, Yuliya A. Kulikova, Fyodor A. Kondrashov 30 july 2021. https://www.nature.com/articles/s41598-021-95025-3.
- [15]. News article ; COVID vaccine immunity is waning how much does that matter?, Elie dolgin, 17 September 2021. https://www.nature.com/articles/d41586-021-02532-4.