

# **A Review – On Post Covid Vaccination**

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**Abstract:** *COVID-19 Vaccine Acceptance in India: A Systematic Review-This systematic review and meta-analysis aimed to determine the level of acceptability of COVID-19 vaccines across various Indian states. The researchers included published studies from major databases (Pub Med, Scopus, Cochrane, DOAJ, Web of Science) that used surveys or questionnaires to measure vaccine acceptance and hesitancy. Out of 524 initial records, 23 papers met the eligibility criteria and were included in the final review, covering a total of 39,567 participants. The review found that two specific surveys (one nationwide and one in Delhi) reported high acceptance rates (92.8% and 79.5%, respectively). For all included studies, the pooled estimated acceptance rate for the COVID-19 vaccine in India was 62.6% (with a 95% Confidence Interval of 55.6% to 69.4%). The results showed significant heterogeneity across the studies ( $I^2 = 99.40\%$ ). The findings offer a quick summary of acceptance and hesitancy rates among the Indian population, which can be used to inform future research and vaccine education programs.*

*COVID-19 Vaccines and Post-COVID Conditions (Long COVID)-Despite extensive research confirming that COVID-19 vaccines reduce severe disease outcomes, less is known about their effectiveness in preventing conditions that develop after the initial infection, commonly referred to as Long COVID or post-COVID-19 conditions. A separate comprehensive review and meta-analysis was conducted specifically to assess the efficacy of vaccination in preventing these long-term symptoms.*

*Importance of Understanding Post-Vaccination Experience-While the protective power of COVID-19 vaccines is widely discussed, there is a lack of understanding regarding the actual experiences of individuals receiving the vaccination outside of controlled clinical trials. Knowing what to expect after vaccination is crucial for public education, helps to debunk myths, and is necessary for reducing vaccine hesitancy.*

**Keywords:** *COVID-19 Vaccine*

