

# A Survey to Assess the Reason for Non-Vaccination of Covid-19 Vaccine among Adults Visiting OPD

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**Abstract:** WHO defines Vaccine hesitancy as a delay in acceptance or refusal of vaccines despite the availability of vaccination service. Vaccine hesitancy has been reported in more than 90% of countries in the world. Vaccine hesitancy is threatening the historical achievements made in reducing the burden of infectious diseases, which have plagued humanity for centuries. The aim of our study is to find the reason for non-vaccination of Covid-19 vaccine among adults visiting OPD, NMCH. We conducted survey using Google form with 186 samples who are attending NMCH OPD, Jamuhar. Survey was conducted in the month of December 2021 related to reasons for non-vaccination of covid-19 vaccine among adult. More than 50% of the respondents had fear of side effect followed by 32% respondents had co-morbidity and finally 28% respondents had non-availability of particular brand and other respondents were responded like breast feeding, pregnancy, vaccine may not be effective, fear of fertility, non-availability of vaccine, I may be already immune to covid-19 vaccine, not trusted on covid-19 vaccine for reason of non-vaccination of covid-19 vaccine. Vaccine hesitancy was high in urban area of western part Bihar. This study provides a sound understanding about non-vaccination of covid-19 vaccine. This finding can be used to develop behaviour change communication campaigns..

**Keywords:** Covid-19, Non-vaccination, Vaccine Hesitancy

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