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Acceptance of covid-19 vaccination during covid-19 pandemic in Nepal

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Introduction: On January 30, 2020, the World Health Organization (WHO) designated the COVID-19 outbreak a "public health emergency of international concern." Several COVID-19 vaccines are now being developed, but little is known regarding public acceptance of the vaccine in low and middle-income nations like Nepal.

Objective: This study aimed to determine the prevalence of COVID-19 vaccination acceptance and its factors among Nepalese people.

Method: On December 2020, a web-based cross-sectional survey was conducted using a convenience sample technique. A bilingual, self-administered questionnaire was sent to research participants via social media sites and email. Logistic regression analysis (SPSS Version 26.0) was used to model important variables that predict vaccination uptake among respondents.

Result: Out of 576 individuals polled, 540 (93.8 percent) said they would accept COVID-19 immunization whenever it became available, with 232 (42.96 percent) wanting to get vaccinated as soon as possible and others (57.04 percent) delaying vaccination until the vaccine's safety was established. Being male, believing the pandemic's effect on income is high or very high, and believing in the efficacy of COVID-19 vaccination or valuing doctor's recommendations all increased the likelihood of accepting COVID-19 vaccination.

Conclusion: Nepalese people have a high level of acceptance and belief in COVID-19 immunization (93.8 percent). If the vaccination is given away for free or is covered by health insurance, acceptance jumps to 98.1% according to survey. It was a reflection of the strong demand for the vaccination. To increase vaccination coverage, immunization programs should be structured to eliminate barriers such as vaccine cost and accessibility. The public's concerns regarding vaccination safety can be resolved via health education and communication from authoritative sources.

Biography

Amrit Gaire is from Tribhuvan University, Kathmandu, Nepal, he is a final year student of Maharajgunj Medical Campus. He was the merit scholar in the year 2017 as Bachelor in Pharmacy. He is a passionate pharmacy student with great interest in academia and research. He is confident, highly motivated student with good communication, great management and presentation skills.

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