

# Perception towards 2nd booster of COVID-19 (4th Vaccine) among Universiti Kuala Lumpur Royal College of Medicine (UniKL RCMP) staffs

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## ABSTRACT

**Introduction:** COVID-19 is a global health issue and caused economic crisis around the globe. The infection which is prevalent in Malaysia has cause authorities to encourage its population to have the 2nd booster. Increasing public understanding, acceptance and uptake of booster shots against COVID-19 is needed to help in managing the spread of COVID-19. **Materials and Method:** This cross-sectional study was conducted among the staff of UniKL RCMP between 1st April- 3rd May 2024. The minimum sample size required was 169 based on 300 staff number, anticipatory frequency of 50% with 95% confidence level. A non-probability sampling method, convenience sampling was used for this research through which we managed to obtain 175 respondents. The data collection was done via a self-administered online questionnaire using Google Form. The link to the Google Form questionnaire was sent to the respondent's WhatsApp and was self-administered online anonymously. The WhatsApp number of the staff was obtained from People Management and Team Culture Department of UniKL RCMP. **Results:** From the 175 respondents, 124 were females (70.9%) and 51 were male (29.5%). There were 114 respondents (65.1%) who were not willing, while only 61 respondents (34.9%) were willing to take COVID-19 booster dose. Regarding education, 88 respondents (50.3%) have educational level of undergraduates/ bachelors, 48 respondents (27.4%) of secondary, 38 respondents (21.7%) of postgraduate/ masters/ PhD and 1 respondent (0.6%) of primary. In this study, no significant association was found between educational level and perception. **Conclusion:** The prevalence of acceptance of 2nd booster of COVID-19 (4th vaccine) among staffs in UniKL RCMP is low. There is no significant association between educational level and perception of 2nd booster of COVID-19 (4th vaccine) among staffs in UniKL RCMP.