

# Vaccine Hesitancy against SARS-Cov-2 in Health Personnel of Mexico

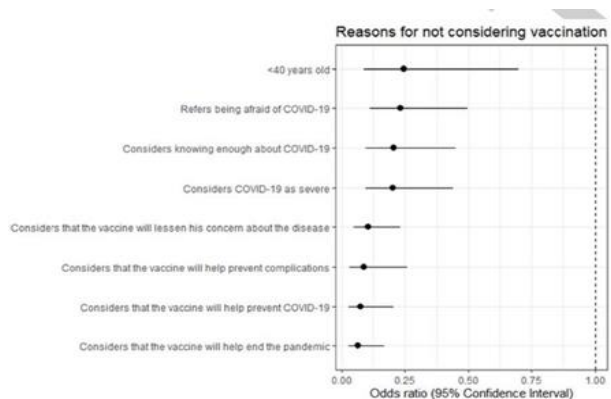
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## ABSTRACT

With the emergence of effective vaccines against SARS-CoV-2, the need to find the determinants for its correct distribution is created, with health personnel being an essential group where coverage must be ensured.

**Material and methods:** A cross-sectional study was conducted through an electronic survey that was distributed to health personnel in the state of Nuevo Leon, Mexico. Potential determinants for vaccine hesitancy were covered including their intention to be vaccinated against SARS-CoV-2. Results A total of 543 responses were collected from health professionals, which 30 (5.5%) of the subjects stated that they would reject SARS- CoV-2 vaccination. How well informed the subjects were the most determining factor, where misinformation related to vaccination and COVID-19 was the most important cause of vaccine rejection.

**Conclusion:** The implementation of educational strategies for health personnel are required.



**Figures:** Forest plot of the major predictive variables for not considering vaccination among health personnel, major risk factors vs protective factors. It is possible to conclude that the major risk factors are directly related to the correct knowledge about vaccination and SARS- CoV-2, while the protective factors are related precisely to the opposite.

## BIOGRAPHY

Physician graduated from UANL with a Master of Science in Public Health from the same university with focus on Global Health graduated with specialty in Public Health and Certified by the National Council of Public Health with a PhD in Social Sciences, Professor at the Faculty of Medicine in the Department of Preventive Medicine and Health, Coordinator of health prevention programs focused on Preventive Medicine, Advisor for the Department of Health of the state of Nuevo León, With publications in international indexed journals and participation in book chapters on the Health Area. Researcher with interest on Social Determinants of Health and Georeferencing health indicators and primary health care, passionate about helping the community.

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