

# Joint Conference on Nursing, Diabetes & Medical Case Report

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## The Risk of Exposure of COVID-19 among the Residents of Cagayan de Oro City

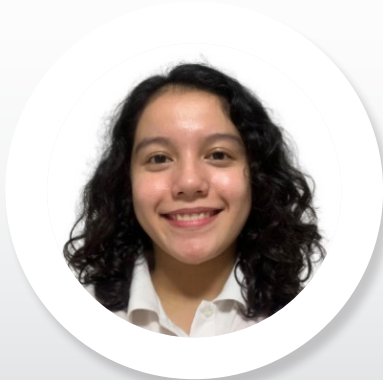
SARS-CoV-2 or COVID-19 was first detected in December 2019 in Wuhan, China. As of 5 May 2021, there are 1,062,225 confirmed cases and 17,525 deaths in the Philippines (DOH, 2021). With this, the study aimed to assess the level of risk exposure to COVID-19 of the working individuals in Cagayan de Oro City according to age, nature of work, destination, mode of transportation, and application of self-protective measures. A total of seventy-eight (78) respondents were selected through convenience sampling. Findings show that most of the respondents are aged 21 to 35 years old (62.82%), work as office workers (53.85%), go to high risk areas such as neighborhoods, places of worship, and social gatherings (53.85%); ride low risk modes of transportation such as habal-habal, taxi, and private transportation (62.82%), and used four self-protective measures like face masks, face shields, alcohol-based sanitizer/rubbing alcohol, and clean gloves when going out (70.51%).

Those belonging to the age group of 21 to 35 years old had higher levels of risk exposure to COVID-19. There was a significant difference in the level of risk exposure when grouped according to age, destination, mode of transportation, and the application of self-protective measures. On the other hand, there was no significant difference in the level of risk exposure to COVID-19 among the working individuals when grouped according to the nature of work. Overall, there was a low level of risk exposure to COVID-19 among the working individuals of Cagayan de Oro City.

### Biography

Lew Carynn Tacandong is a 4th year student in the College of Nursing at Xavier University Ateneo de Cagayan, Philippines. She is also part of the Xavier University Glee Club, the university chorale and is currently the president of the organization.

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