

Knowledge, attitudes, and practices of facemask utilization and associated factors in COVID-19 pandemic among Wachemo University Students, Southern Ethiopia: A cross-sectional study

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Abstract

Introduction: The widespread use of face masks by the general public may help to prevent the spread of viruses. Face masks are thought to be a good strategy to protect against respiratory diseases such as the Coronavirus. Identifying student knowledge, attitude, and practice about the use of face masks is crucial to detect vulnerabilities and respond rapidly to avoid the spread of the infection. This study aimed to determine the knowledge, attitude, and practices of face mask utilization and associated factors in the COVID-19 pandemic among college students.

Methods: A cross-sectional study was performed from February to March 2021 among 764 students from Wachemo University, Southern Ethiopia. A multistage sampling technique was used in the study. The sample size for each department was allocated in proportion to the number of students in that department, and each respondent was chosen using a simple random sampling procedure. Data were collected using a pre-tested self-administered questionnaire and analyzed using SPSS version 26. To predict the relationship between the predictor and outcome variables, a logistic regression model was used. At a p-value of 0.05, statistical significance was declared.

Received: March 10, 2022; **Accepted:** March 14, 2022; **Published:** March 18, 2022

Biography

Yilma Markos Larebo, I was born in 1988 from my father Markos Larebo and my mother's Tadelch Aga in Ethiopia specific

address called Hossana. I have four brothers and three sisters. Now I am working Wachemo University as lecturer which is one higher educational centre in Ethiopia.