

## Global Congress on Integrated Healthcare

A joint Conference in Collaboration with United Research Forum, UK and Mutah University, Jordan

Under The Patronage of his Excellency Dr Yousef Goussous

May 15 - 16, 2022 | Hotel Crowne Plaza Dead Sea, Jordan



### What factors are related to practicing COVID-19 vaccine by population at Ghawr Al-Safi, Jordan

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### Abstract

**Background:** COVID-19 vaccines have been offered in Jordan since early march 2021, to all governates around Jordan, in three types: (Pfizer, Sinopharm, and Astrazeneca). However, some populations weren't vaccinated yet. Several factors maybe related to not practicing the vaccine by the population such as: knowledge, attitude, practice and accessibility of health care, particularly in areas with low socio-economic status. Therefore, studying factors affecting the approach towards vaccination is crucial to improve vaccination rates.

**Objective:** To evaluate and assess the knowledge, attitude, and practices toward the COVID-19 vaccines in the Ghawr Al-safi population.

**Method:** A cross sectional, population based study was conducted at Ghawr Al-safi. A random sample of 301 individuals was collected. A face to face interview of each participant was carried out by the reaseachers, using a well constructed, validated, and reliable questionnaire. The minimum (5, 4, and 4) and maximum (15, 15, and 20) scores for the knowledge, attitude, and practice respectively.

**Results:** Median age for the whole participants was 30, IQR=22.5-43.5 years. Females constitute 52.7% of the participants. The most common sources of information about COVID-19 vaccines were television (68.7%) and social media (52.4%). Almost three quarters (74%) of the population were vaccinated with two doses, 61% were vaccinated with the Pfizer vaccine. The mean score for; Knowledge 7.75/15, attitude 7.02/20. While for vaccine practice was relatively high with a mean of 14.62/20. The mean score on the satisfaction towards the healthcare services was 3.76/9. The practice scale was significantly correlated with the satisfaction ( $r = -0.299$ ,  $p < 0.001$ ), attitude ( $r = -0.387$ ,  $p < 0.001$ ), but not with knowledge ( $p = 0.448$ ). The most prevalent reason (41%) for vaccination was to protect themselves and their families from COVID-19.

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**Conclusion:** Level of practice was significantly conversely correlated with attitude and not with knowledge. This indicates that people were vaccinated despite their doubts and apprehension toward the vaccines. Therefore, additional knowledge and awareness are required of Covid -19 and its consequences in that population.

**Keywords:** covid-19, kap study , cross sectional

### Biography

Vildana Sabra, she's a third-year medical student who is involved in many humanitarian projects that benefit the Jordanian community. She works as a local officer on Human Rights and Peace at the International Federation of Medical Students (IFMSA-JO), she raises awareness about Human rights issues and violations and people with disabilities. Thus, she collects donations and launches charity campaigns to help those in need and raises awareness particularly in rural areas.

As a future medical provider her main goal is to present the true essence of medicine which is a combination of humanity and science. She recently completed a study on COVID-19 vaccination reluctance in a rural area of Jordan, also financially assisting its low-income community. Due to her excellent organizational skills, she's the head of volunteers for the GCIH 2022 Conference.

As a medical student, presenting this research at your conference would provide her with invaluable experience as well as future opportunities in the research field.