**Assessment of perceived compliance and barriers to PPE use among healthcare workers during the COVID-19 pandemic's second wave surge. “Lessons to be learned”**

Dear participant,

We are conducting a cross sectional study that focuses on your compliance and the barriers you face in the use of PPEs.

Please confirm your willingness to participate:

* I Agree

**Section 1. Socio-demographics**

1. Age (Years):
2. Gender:

* Male
* Female

1. Marital Status:

* Single
* Married
* Divorced
* Widow
* If you have children, how many do you have? \_\_\_\_\_\_\_\_\_\_

1. Are you in-direct contact with any first-degree family member who is above 45 years old?

* Yes (please specify their approximate age\_\_\_\_\_\_\_\_)
* No

1. Current workplace:
   * Ministry of health
   * Teaching hospital
   * Private sector
   * Other (If yes, Please specify)
2. Do you work at an accredited hospital?

* Yes
* No

1. Residency:

* North of Jordan (Irbid, Ajloun, Jerash, Mafraq)
* Middle of Jordan (Amman, Balqa, Zarqa, Madaba)
* South of Jordan (Karak, Tafilah, Ma'an, Aqaba)

1. Occupation

* MD,
* Nurse
* Dentist
* Respiratory therapist
* Pharmacist
* Laboratory personnel
* Technician
* Administrative
* Other

1. if MD, please Specify

* Intern
* General physician
* Residen
* Fellow
* Specialist
* Consultant

1. If Nurse, Please specify

* Nurse manager
* Staff nurse
* Practical nurse

1. Highest level of education:

* Less than a diploma
* Diploma
* Bachelor
* Masters
* PhD or Equivalent

1. Monthly income:

* Less than 500JD
* Between 500JD and 1000JD
* More than 1000JD

1. Nationality:

* Jordanian
* Others (specify\_\_\_\_\_\_\_\_\_\_\_)

1. Worked with patients diagnosed with COVID19?

* Yes
* No

If yes, where do you get the highest exposure to suspected or confirmed patients?

* + ICUs
  + Emergency department
  + Clinics
  + Day care services
  + Inpatient units
  + Operation room
  + Radiology
  + Physiotherapy/rehab
  + Administrative
  + Others (Please specify)

1. Have you ever been diagnosed with COVID 19?

* Yes (if yes, go to question 14)
* No

1. According to your knowledge from where you got the infection (Please Specify)
2. Have you taken the vaccine?

* Yes
* No

**Section 2. Source of information about COVID 19**

**From where do you get most of your information about COVID19?**

* + Television programs
  + Radio programs
  + Scientific journals, educational activities (webinars, lectures)
  + Peers, colleagues, friends, family or personal networks
  + WHO, CDC websites
  + MOH press, reports, website
  + Local Health authorities (Crisis Management Center)
  + Social media
  + Printed (newspapers, magazines)
  + I don’t consume news about the coronavirus.
  + Other

**If you chose social media, which one of the following:**

* Facebook,
* WhatsApp
* Twitter
* Instagram
* other

**Section 3. Assess compliance and barriers of HCW toward PPEs infection control measures**

Degree of Compliance when:

* Entering a known or suspected COVID-19 patient’s room without proper PPEs
* Collecting or handling specimens from known or suspected COVID-19 patients without proper PPEs
* Restrict the number of personal from the isolation areas to enter non-COVID rooms

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | Statement | Never | Rarely | Sometimes | Often | Always |
| Degree of compliance | 1. Use full PPEs protection for patients (hand hygiene, gown, gloves, masks, eye protection) |  |  |  |  |  |
| 1. Wash hands before wearing gloves |  |  |  |  |  |
| 1. Wear gloves |  |  |  |  |  |
| 1. Wash hands after removing gloves |  |  |  |  |  |
| 1. Wear waterproof apron |  |  |  |  |  |
| 1. Wear eye protection 2. Supervisors encourage training |  |  |  |  |  |
| 1. Staff have training in PPEs |  |  |  |  |  |

Perceived Barriers

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Variable | Statement | Never | Rarely | Sometimes | Often | Always |
| Barriers | 1. A place to wash your hands is not available |  |  |  |  |  |
| 1. Soap and running water are not available |  |  |  |  |  |
| 1. Alcohol-based hand rubs containing at least 60% alcohol (If no soap and running water) are not available |  |  |  |  |  |
| 1. Tissues and trash receptacles are not available |  |  |  |  |  |
| 1. Social distancing strategies are not available. |  |  |  |  |  |
| 1. Maintaining regular housekeeping practices, including routine cleaning and disinfecting of surfaces, equipment, and other elements of the work environment are not available |  |  |  |  |  |
| 1. Not compliant with PPE during an emergency |  |  |  |  |  |
| 1. Compliance with PPE interferes with the ability to provide care |  |  |  |  |  |
|  | 1. Exposure to infection is unanticipated |  |  |  |  |  |
| 1. Patient care demands does not allow enough time to for you to comply with standard precautions |  |  |  |  |  |
| 1. Unavailability of PPEs |  |  |  |  |  |
| 1. Patients pose a risk |  |  |  |  |  |
| 1. Protective mask is uncomfortable |  |  |  |  |  |
|  | 1. Protective eye protection is uncomfortable |  |  |  |  |  |
| 1. Protective gown is uncomfortable |  |  |  |  |  |
| 1. How often do you feel PPEs are Ineffective |  |  |  |  |  |
| 1. How often do you feel wearing protective equipment might cause fear in patients |  |  |  |  |  |
| 1. How often do you feel PPE is not conveniently located |  |  |  |  |  |
| 1. How often do you feel that the practice of self-protection with PPEs is time consuming |  |  |  |  |  |
| 1. How often do you feel the unavailability of Hospital protocol/Guidelines on PPEs |  |  |  |  |  |

End of the questions

**Thank you so much for taking part in the study and for your valuable time.**