**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.**