



### **COVID-19 Study Information Sheet for Employees**

This form serves as an information sheet for potential participants and will be posted on the ICTR's website dedicated to COVID-19 related research opportunities for JHU/JHHS employees.

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**Title:** Improving HCW Safety through Appropriate PPE Use During the COVID-19 Pandemic: A Human Factors Engineering (HFE) and Implementation Science Approach.

**PI:** Dr. Ayse Gurses, Professor of Anesthesiology and Critical Care Medicine

**IRB#:** IRB00248695

**Sponsor:** Johns Hopkins University

**Description:** This study seeks to (1) identify risk factors for health care worker (HCW) self-contamination while donning and doffing personal protective equipment (PPE) as well as risk factors for suboptimal use using HFE and infection prevention strategies; and (2) develop risk mitigation strategies to prevent HCW self-contamination and minimize PPE waste while avoiding contamination risk, and test the effectiveness of these risk mitigation strategies in an Emergency Department (ED) and Home Health Care.

We will conduct semi-structured focus group discussions and interviews using Zoom™ video conferencing technology. These focus group discussions and interviews, using the Zoom™ technology will be recorded. Interviews and focus groups will be conducted with both ED and Home Care professionals.

**FOR ONLY ED:** We will also video record the current practices of PPE donning, doffing and use in Johns Hopkins Hospital ED. Video recorded observations will capture real life use of PPE in the ED.

Identifiable information that may be mentioned by mistake during the interviews or focus group will not be included in the transcripts. All qualitative data will be transferred to a qualitative software package for analysis. We will conduct qualitative content analysis of the data. Based on findings, our trans-disciplinary team will provide with further recommendations to improve the safety of healthcare workers in the ED and Home Health Care.

The time commitment may vary between 30 minutes to 1 hour for interviews and focus groups.

**Who Are the Participants in the Trial?** Health care workers in the Emergency Department and Home Health Care

**Are There Any Interventions?** No, participants will be asked to participate in observations, interviews and focus groups.



**Will Any of My COVID-19 Test Results Be Available to Johns Hopkins Occupational Health or My Supervisor?** The study is not conducting any COVID tests. No findings will be available to Occupational Health or to your Supervisor.

**Will I Be Paid for My Participation in the Study?** No

**Where Do I Have to Go for Study Visits?** Observations will take place in the Emergency Department during your normal work hours. Interviews and Focus Groups will be scheduled at your convenience, in a place where you have access to a computer.

#### **Contact Person**

If you have any questions about this study, please feel free to contact the study team directly at: 410-900-4255.