



This form serves as an information sheet for potential participants and will be posted on the COVID-19 Clinical Trials for Health Care Workers website.

---

Title: Serosurvey of Emergency Department Frontline Healthcare Professionals (HCPs) at the Johns Hopkins  
Hospital during COVID-19  
**PI:** Richard Rothman  
**IRB:** IRB00248722

#### **Sponsor**

Johns Hopkins School of Medicine Dean's Office

#### **Description**

**Background:** Health Care Professionals (HCPs), defined as any essential employee with either direct or indirect patient contact, are at the frontlines of the COVID-19 pandemic. HCPs who work in emergency departments (ED) are particularly vulnerable to potential exposures, yet are amongst the most critical component of the health system response to COVID-19. Developing better methods to understand the infections in this population is a priority for optimizing health system response.

**Purpose:** The purpose of this research study is to help understand HCP exposures, risk factors, and rates of seroconversion (making antibodies to SARS-CoV-2, the virus that causes COVID-19). Additionally, this research study will help inform if seroconversion equals protection.

#### **Study Procedures:**

**Blood draws:** Participation will include three blood draws and three finger sticks (at enrollment, 4 months later, and 8 months later).

Your blood will be tested for the presence of antibodies against SARS-CoV-2. You will be given the results of your antibody test with information on their meaning. If you test positive for antibodies, this does not necessarily mean you are immune to COVID-19 and you should still take precaution.

**Questionnaires:** You will be asked to answer a baseline survey now and a weekly online questionnaire for 8 months. The baseline survey includes questions on your demographics (age, gender, race), if you have underlying medical conditions, your living situation, any symptoms or previous COVID infections, your exposure to COVID at work and within the community, and PPE use. It will take 15-20 minutes to complete. The weekly questionnaire contains questions about COVID symptoms, exposures to COVID at work and within



the community, and PPE use. Data from this study will be maintained in a secure database and will not be shared with your employer or Occupational Health.

**Who Are the Participants in the Trial?**

Healthcare Professionals who work primarily in the Adult and Pediatric Emergency Departments at the Johns Hopkins Hospital (including but not limited to: full time attending physicians, residents, nurses, CNAs, ED technicians, security staff, environmental service staff, social workers, and respiratory therapists [who are assigned to staff the ED]). Must be  $\geq 18$  years of age.

**Are There Any Interventions?**

No, only blood draws and finger sticks.

**Will Any of My COVID-19 Test Results Be Available to Johns Hopkins Occupational Health or My Supervisor?**

No

**Will I Be Paid for My Participation in the Study?**

Yes, for every weekly online survey that you complete over the course of 8 months, you will be paid \$10 per survey.

**Where Do I Have to Go for Study Visits?**

Johns Hopkins Hospital Emergency Department. We will make every attempt to schedule study visits around your work schedule.

**Contact Person**

If you have any questions about this study, please feel free to contact the study team directly at:

Call or text Erin Ricketts at 410-371-4625 or email at [erinricketts@jhu.edu](mailto:erinricketts@jhu.edu) for further information

For screening, please follow this link: <https://mrprbcw.hosts.jhmi.edu/redcap/surveys/?s=4AL8FJCPXD>

