

University of Iowa Institute for Clinical and Translational Science

## **Project COVERED**

## **■** Data Dictionary Codebook

06/10/2020 10:37am

➤ Expand all instruments

#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
37	name_confirm	Section Header: Personal Information  Please confirm that your name is accurate: [screening_arm_1]  [firstname] [screening_arm_1][lastname]  pe_2280	yesno, Required, Identifier  1 Yes  0 No
38	name_correction Show the field ONLY if: [name_confirm] = '0'	Please correct your name here pe_1726	text, Required, Identifier
39	email_confirm	Section Header: Contact Information. The project team needs reliable ways of reaching you quickly (within 24 hours). This information will not be shared outside the project team.  Please confirm that your primary e-mail address is accurate: [screening_arm_1][email]  pe_1365	yesno, Required, Identifier  1 Yes 0 No
40	email_correct Show the field ONLY if: [email_confirm] = '0'	Please correct your e-mail address here pe_2856	text (email), Required
41	cell_number	Cell phone number (###-####) pe_3891	text (phone), Required, Identifier
42	sec_phone	Please provide a secondary phone number. This could be your office phone number, home phone or an additional cell phone number. (###-####) pe_1237	text (phone)

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43	type_sec_phone	What type of phone number is this?	radio
	Show the field ONLY if:	pe_1916	1 Home
	[sec_phone] <>""		2 Office
			3 Secondary cell phone
			4 Other
44	other_secondary_phone	Please specify what type of phone this is.	text
44	Show the field ONLY if:	pe_4840	text
	[type_sec_phone] = '4'		
45	comm_preference	Please select your communication preference for site	radio
		coordinators.	1 E-mail
		pe_6432	2 Cell phone
			3 Secondary phone number
46	street_address	Section Header: Please provide your mailing address. This will be used for	text, Required, Identifier
	_	mailing compensation.	
		Please provide your street address (include apt/unit# as applicable)	
		pe_3295	
47	city_address	Please provide your city. pe_1391	text, Required, Identifier
48	state_address	Please provide your state.	dropdown, Required, Identifier
		pe_1392	AL Alabama
			AK Alaska
			AZ Arizona
			AR Arkansas
			CA California
			CO Colorado
			CT Connecticut
			DE Delaware
			DC District of Columbia
			FL Florida
			GA Georgia
			HI Hawaii
			ID Idaho
			IL Illinois
			IN Indiana
			IA Iowa
			KS Kansas
			KY Kentucky
			LA Louisiana
			ME Maine
			MD Maryland
			MA Massachusetts
			MI Michigan
			MN Minnesota
			MS Mississippi
			MO Missouri
			MT Montana
			NE Nebraska
			NV Nevada
			NH New Hampshire
			The rumpsine
I	I	I	l

1			1	-		
			NJ	New Jersey		
			NM	New Mexico		
			NY	New York		
			NC	North Carolina		
			ND	North Dakota		
			ОН	Ohio		
			ОК	Oklahoma		
			OR	Oregon		
			PA	Pennsylvania		
			RI	Rhode Island		
			SC	South Carolina		
			SD	South Dakota		
			TN	Tennessee		
			TX	Texas		
			UT	Utah		
			VT	Vermont		
			VA	Virginia		
			WA	Washington		
			WV	West Virginia		
			WI	Wisconsin		
			WY	Wyoming		
49	zip_address	Please provide your zip code. pe_2607	text (zipcode), Required, Identifier			
50	em_contact1_name	Section Header: Emergency contact information. We would also like to collect a few other ways to reach you, just in case we can't reach you by the above means. This contact information will not be released outside the project and we will not contact these people unless we are unable to reach you after multiple attempts. We will not release any information regarding your project participation or test results to your emergency contacts.	text,	Required, Identifier		
		Emergency Contact 1: Name pe_3164				
51	em_contact1_phone	Emergency Contact 1: Phone number pe_1881	text (	phone), Required, Ider	ntifier	
52	em_contact1_email	Emergency Contact 1: E-mail address pe_2755	text (	email), Identifier		
53	em_contact2_name	Emergency Contact 2: Name pe_2195	text,	ldentifier		
54	em_contact2_phone	Emergency Contact 2: Phone number pe_3063	text (	phone), Identifier		
55	em_contact2_email	Emergency Contact 2: E-mail address pe_4447	text (	email), Identifier		
56	dob	Section Header: Demographics			01-01, Max: 2000-01-01),	
		What is your date of birth (M-D-Y)? pe_4534	Requ	ired, Identifier Annotation: @HIDEBU		
57	gender	What is your gender?		Required		
"	0	pe_2094	1 N			
			2 F	emale		
			<del>                                    </del>	ransgender Male		
			I <del></del>	ransgender Female		
			I <del></del>	Gender Variant/Non-Co	onforming	
			I <del>                                    </del>	Not Listed	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		1	11011	NOT FISIER		
			11	Prefer Not to Answer		

58	gender_no_listed	What gender identity do you most identify with?	text			
30	Show the field ONLY if:	pe_4640				
	[gender]='6'					
59	race	What is your race? [Check all that apply]	checkbox			
		pe_2338	1 race1 White			
			2 race2 Black or African American			
			3 race3 American Indian or Alaska Native			
			4 race4 Asian			
			5 race5 Native Hawaiian or Other Pacific Islander			
			6 race6 Other			
60	race_other	Please indicate your race.	text			
	Show the field ONLY if: [race(6)] = '1'	pe_4751				
61	ethnicity	What is your ethnicity?	radio			
		pe_3899	1 Hispanic or Latino			
			2 Not Hispanic or Latino			
62	medical_school	Section Header: Practice Characteristics	text (number, Min: 1970, Max: 2019), Required			
	Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_j ob] = '4' or [screening_arm_1] [primary_job] = '5'	What year did you graduate from medical school or with your advanced practice provider degree?  pe_2579				
63	practice_speciality	What is your primary practice specialty? If you are an	radio, Required			
	Show the field ONLY if:	emergency physician (regardless of other practice settings), please select "Emergency Medicine".	1 Emergency Medicine			
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1]	pe_1042	2 Critical Care Medicine			
	[primary_job] = '2' or [screeni		3 Internal Medicine			
	ng_arm_1][primary_job]= '3' o r [screening_arm_1][primary_j		4 Pediatrics			
	ob] = '4' or [screening_arm_1]		5 Anesthesiology			
	[primary_job] = '5'		6 Other			
64	other_practice_specialty	Please indicate your practice specialty here pe_4107	text			
	Show the field ONLY if: [practice_speciality] = '6'	pc_+10/				
65	nursing_school	What year did you graduate from nursing school (when did you	text, Required			
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '6'	first receive your RN or similar certification)? pe_4986				
66	practice_level	At what level of training/practice are you?	radio, Required			
	Show the field ONLY if:	pe_1852	1 Attending/Advanced Practice Provider			
	[screening_arm_1][primary_jo		2 First-year resident			
	b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni		3 Second-year resident			
	ng_arm_1][primary_job]= '3' o		4 Third- or fourth-year resident			
	r [screening_arm_1][primary_j ob] = '4' or [screening_arm_1] [primary_job] = '5'		5 Fellow			

67	est_career_intubation	· · · · · · · · · · · · · · · · · · ·	rad	radio, Required		
	Show the field ONLY if:	personally performed? pe_3210	1	10 or fewer		
	[screening_arm_1][primary_jo	pc_3210	2	11-30		
	b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni		3	31-60		
	ng_arm_1][primary_job]= '3' o		4	61-100		
	r [screening_arm_1][primary_j ob] = '4' or [screening_arm_1]		5	101-200		
	[primary_job] = '5'		6	Over 200		
68	baseline_avg_clinical_hrs	On average, over the last 2 weeks, not including today, how	rad	lio, Required		
	Show the field ONLY if:	many clinical hours have you worked per week?	1	10 or fewer		
	[screening_arm_1][primary_jo	pe_4577	2	11-20		
	b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni		3	21-30		
	ng_arm_1][primary_job] = '3'		4	31-40		
	or [screening_arm_1][primary _job] = '4' or [screening_arm_		5	Over 40		
1 1	1][primary_job] = '5' or [scree					
	ning_arm_1][primary_job] = '6'					
-	baseline_avg_nonclinical_hrs	On average, over the last 2 weeks, not including today, how	rad	lio, Required		
	Show the field ONLY if:	many hours have you worked in the ED per week?	1	10 or fewer		
	[screening_arm_1][primary_jo	pe_4578	2	11-20		
	b] = '7'		_	21-30		
			_	31-40		
			5			
			<u> </u>	<u> </u>		
70	baseline_fatigue	Based on your current work schedule, how fatigued (physically, mentally or emotionally) do you feel while you are at work?	rad			
	Show the field ONLY if: [screening_arm_1][primary_jo	pe_4347	1	Not at all		
	b] = '1' or [screening_arm_1]		2			
	[primary_job] = '2' or [screeni		_	Somewhat		
	ng_arm_1][primary_job] = '3' or [screening_arm_1][primary		4			
	_job] = '4' or [screening_arm_		5	Very fatigued		
	1][primary_job] = '5' or [scree ning_arm_1][primary_job] =					
	'6'					

71	baseline_ppe_training	Section Header: Use of personal protective equipment (PPE)	che	ckbox, Required	
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary	eld ONLY if: arm_1][primary_jo creening_arm_1] b] = '2' or [screeni primary_job] = '3'  What type of training have you had in the use of PPE at your current place of employment [check all that apply]?  pe_3161	0	baseline_ppe_training0	None - I have not completed any online training or employer required/directed training
	_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree		1	baseline_ppe_training1	Self-taught using online training
	ning_arm_1][primary_job] = '6'		2	baseline_ppe_training2	Online training (video, reading material) required/directed by employer
			3	baseline_ppe_training3	In-person group demonstration in which I only watched
			4	baseline_ppe_training4	In-person group session in which I was observed putting PPE on and removing it properly
			5	baseline_ppe_training5	In-person individual demonstration in which I only watched
			6	baseline_ppe_training6	In-person individual session in which I was observed putting PPE on and removing it properly
			Fiel	d Annotation: @NONEOFTH	IEABOVE = '0'
72	comfort_ppe_use  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_	Please rate your comfort with being able to use recommended PPE without contaminating yourself. $pe\_4700$	1 2 3	io, Required Very comfortable Somewhat comfortable Somewhat uncomfortable Very uncomfortable	
	1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'				
73	ppe_protocol_confidence Show the field ONLY if: [screening_arm_1][primary_jo	Please rate your confidence in your facility's PPE protocol: pe_1793	rad 1	io I am confident that our PPE me completely safe.	E protocol will keep
	b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3'		2	I think my facility's protoco that I should use better PP more often than required b	E than is available, or
	or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'		3	I think my facility's PPE pro restrictive, and I feel that I without wearing PPE every required by my institution's	can safely practice time that it is
			4	I am unsure about the safe protocol and feel neither sa	

		T			
74	fitted_n95  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'	I have been fit-tested for an N95 mask/respirator or powered air-purifying respirator (PAPR) within the last 12 months. pe_3343	1	no, Required Yes No	
75	ppe_nonptcare	When you are in your ED but not providing patient care (e.g.,	che	ckbox, Required	
	Show the field ONLY if:  [screening_arm_1][primary_job] = '1' or [screening_arm_1]	charting, making telephone calls, etc.), what personal precautions are you currently using [check all that apply]? pe_2273	1	ppe_nonptcare1	Standard precautions (handwashing, distancing from patients)
	[primary_job] = '2' or [screeni		2	ppe_nonptcare2	Reusable face shields
	ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_	arm_1][primary	3	ppe_nonptcare3	Disposable face-shields (single use)
	1][primary_job] = '5' or [scree		4	ppe_nonptcare4	Safety glasses/goggles
	ning_arm_1][primary_job] = '6'		5	ppe_nonptcare5	Surgical masks
			6	ppe_nonptcare6	Reusable fabric masks
			7	ppe_nonptcare7	N-95 masks/respirators
			16	ppe_nonptcare16	Elastomeric respirators
			8	ppe_nonptcare8	Powered air-purifying respirator systems (PAPR, CAPR)
			9	ppe_nonptcare9	Disposable surgical hat
			10	ppe_nonptcare10	Reusable surgical hat
			11	ppe_nonptcare11	Standard disposable isolation gown
			12	ppe_nonptcare12	Full-body impermeable suit
			13	ppe_nonptcare13	Gloves
			14	ppe_nonptcare14	Double gloves
			15	ppe_nonptcare15	Foot coverings
			0	ppe_nonptcare0	None of the above
			Field	d Annotation: @NONEC	DFTHEABOVE = '0'

76	ppe_noncovid	When you are providing direct patient care in non-COVID-19	checkbox, Required			
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1]	suspected patients, what precautions are you currently using [check all that apply]? $pe_2763$	1	ppe_noncovid	Standard precautions (handwashing, distancing from patients)	
	[primary_job] = '2' or [screeni		2	ppe_noncovid2	2 Reusable face shields	
	ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_		3	ppe_noncovid:	Disposable face-shields (single use)	
	1][primary_job] = '5' or [scree		4	ppe_noncovid4	4 Safety glasses/goggles	
	ning_arm_1][primary_job] = '6'		5	ppe_noncovid!	5 Surgical masks	
			6	ppe_noncovid(	6 Reusable fabric masks	
			7	ppe_noncovid	7 N-95 masks/respirators	
			16	ppe_noncovid	16 Elastomeric respirators	
			8	ppe_noncovid8	Powered positive- pressure air purification systems (PAPR, CAPR, etc.)	
			9	ppe_noncovid9	Disposable surgical hat	
			10	ppe_noncovid	10 Reusable surgical hat	
			11	ppe_noncovid	11 Standard disposable isolation gown	
			12	ppe_noncovid	Full-body impermeable suit	
			13	ppe_noncovid	13 Gloves	
			14	ppe_noncovid	14 Double gloves	
			15	ppe_noncovid	15 Foot coverings	
			0	ppe_noncovid(	None of the above	
77	ann could	When you are providing disease actions are in your FD for			NEOFTHEABOVE=0	
77	ppe_covid	When you are providing direct patient care in your ED for COVID-19 suspected or confirmed patients, what precautions	1	ckbox, Required ppe_covid1	Standard precautions	
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1]	are you currently using [check all that apply]? pe_1687	ľ		(handwashing, distancing from patients)	
	[primary_job] = '2' or [screeni		2	ppe_covid2	Reusable face shields	
	ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_		3	· · ·	Disposable face-shields (single use)	
	1][primary_job] = '5' or [scree		4	ppe_covid4	Safety glasses/goggles	
	ning_arm_1][primary_job] = '6'		5	ppe_covid5	Surgical masks	
			6	ppe_covid6	Reusable fabric masks	
			7	ppe_covid7	N-95 masks/respirators	
			16	ppe_covid16	Elastomeric respirators	
			8		Powered positive-pressure air purification systems (PAPR, CAPR, etc.)	
			9	ppe_covid9	Disposable surgical hat	
			10	ppe_covid10	Reusable surgical hat	
			11		Standard disposable isolation gown	
			12	ppe_covid12	Full-body impermeable suit	
			13	ppe_covid13	Gloves	
			14	ppe_covid14	Double gloves	
		l I	Li.	ppc_covid1+	Boable Bloves	

	Filipedi GOVENED   NEDGap						
78	ppe_aerosol_covid	When you are performing or within 6 feet of an aerosol-	chec	kbox, Required			
	Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	ening_arm_1][primary_jo 1' or [screening_arm_1] often considered AGPs, or that create uncontrolled respiratory	1	ppe_aerosol_covid1	Standard precautions (handwashing, distancing from patients)		
		secretions, include: open suctioning of airways sputum induction cardiopulmonary resuscitation endotracheal	2	ppe_aerosol_covid2	Reusable face shields		
		intubation and extubation non-invasive ventilation (e.g., BiPAP, CPAP) bronchoscopy manual ventilation $pe_3175$	3	ppe_aerosol_covid3	Disposable face- shields (single use)		
		με_3173	4	ppe_aerosol_covid4	Safety glasses/goggles		
			5	ppe_aerosol_covid5	Surgical masks		
		6	ppe_aerosol_covid6	Reusable fabric masks			
		7	ppe_aerosol_covid7	N-95 masks/respirators			
		16	ppe_aerosol_covid16	Elastomeric respirators			
			8	ppe_aerosol_covid8	Powered positive- pressure air purification systems (PAPR, CAPR, etc.)		
			9	ppe_aerosol_covid9	Disposable surgical hat		
			10	ppe_aerosol_covid10	Reusable surgical hat		
			11	ppe_aerosol_covid11	Standard disposable isolation gown		
			12	ppe_aerosol_covid12	Full-body impermeable suit		
			13	ppe_aerosol_covid13	Gloves		
			14	ppe_aerosol_covid14	Double gloves		
			15	ppe_aerosol_covid15	Foot coverings		
79	baseline_reusing_ppe  Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	Is your ED currently reusing disposable PPE that you would not have been reusing prior to the COVID-19 outbreak?  pe_2666	1	no, Required Yes No			

80	baseline_reuse_ppe	Please check all of the following that you are reusing:	ched	checkbox, Required				
	Show the field ONLY if: [baseline_reusing_ppe] = '1'	pe_4204	3	baseline_reuse_ppe3	Disposable face- shields (single use)			
			4	baseline_reuse_ppe4	Safety glasses/goggles			
			5	baseline_reuse_ppe5	Surgical masks			
			7	baseline_reuse_ppe7	N-95 masks/respirators			
			16	baseline_reuse_ppe16	Elastomeric respirators			
			8	baseline_reuse_ppe8	Face shield/hood/shroud for powered air- purifying respirator systems(PAPR, CAPR, etc.)			
			11	baseline_reuse_ppe11	Standard disposable isolation gown			
			12	baseline_reuse_ppe12	Full-body impermeable suit			
			13	baseline_reuse_ppe13	Gloves			
			15	baseline_reuse_ppe15	Foot coverings			
81	baseline_ppe_shortage  Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	In the last 1 week, not including today, has your ED had sufficient PPE for clinical use?  pe_4831	1	no, Required Yes No				

82	baseline_ppe_runout	Please check all of the following PPE that have been out of	checkbox, Required				
	Show the field ONLY if: [baseline_ppe_shortage] = '0'  stock or otherwise unavailable for clinical use:  pe_1718	2	baseline_ppe_runout2	Reusable face shields			
			3	baseline_ppe_runout3	Disposable face- shields (single use)		
			4	baseline_ppe_runout4	Safety glasses/goggles		
			5	baseline_ppe_runout5	Surgical masks		
			6	baseline_ppe_runout6	Reusable fabric masks		
			7	baseline_ppe_runout7	N-95 masks/respirators		
			16	baseline_ppe_runout16	Elastomeric respirators		
		8	baseline_ppe_runout8	Powered air- purifying respirator systems (PAPR, CAPR, etc.)			
			11	baseline_ppe_runout9	Disposable surgical hat		
				baseline_ppe_runout10	Reusable surgical hat		
				baseline_ppe_runout11	Standard disposable isolation gown		
				baseline_ppe_runout12	Full-body impermeable suit		
			13	baseline_ppe_runout13	Gloves		
			15	baseline_ppe_runout15	Foot coverings		
83	ppe_removal_monitor  Show the field ONLY if:  [screening_arm_1][primary_jo b] = '1' or [screening_arm_1]  [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_1][primary_job] = '5' or [screening_arm_1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	In your ED, is PPE doffing (removal) monitored by an observer to identify breaks in doffing technique after care for COVID-19 patients? $pe\_1582$	1	no, Required Yes No			
84	scenario1	Consider the following scenario: You care for a 65-year old		o, Required			
	Show the field ONLY if: [screening_arm_1][primary_jo	patient with shortness of breath and orthopnea thought to be related to heart failure. Vital signs show oxygen saturation of	-	I remove none of my PPE for			
	b] = '1' or [screening_arm_1]	90% and respiratory rate of 28. After your initial assessment, how do you decontaminate yourself when you leave the		I remove some of my PPE (gl reuse some of my PPE (mask	_		
	[primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_	ary_job] = '2' or [screeni m_1][primary_job] = '3' reening_arm_1][primary		l remove all my PPE betweer replace PPE before the next			
	1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'						

		1 Toject OOVERED   NEDOap			
85	baseline_hh_betweenpts	How do you perform hand hygiene between patients that you	rad	io, Required	
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary	have touched? pe_1193	1	Soap and water after I leave e	every patient
		jo		Alcohol-based hand sanitizer patient	after I leave every
				Soap and water only if my had soiled, otherwise alcohol-base	
	_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree		4	Hand hygiene (handwashing o sometimes based on degree o	
	ning_arm_1][primary_job] = '6'		6	Change gloves but do not wash my hands or use alcohol sanitizer	
			5	I don't have the resources to hygiene between every patier running out of supplies.	
86	baseline_decontaminate	After your clinical shift, how do you decontaminate? [check all	che	eckbox, Required	
	Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3'	that apply] pe_2926	1	baseline_decontaminate1	Wash my hands with soap and water before I leave my place of employment
	or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'	ob] = '4' or [screening_arm_ [primary_job] = '5' or [scree ng_arm_1][primary_job] =	2	baseline_decontaminate2	Change out of my work clothing befor I leave my place of employment
			3	baseline_decontaminate3	Shower before I leave my place of employment
			4	baseline_decontaminate4	Take my work clothing off prior to walking into my home so that it can be immediately washed
			5	baseline_decontaminate5	Shower immediatel when I get home
			6	baseline_decontaminate6	I am staying at the hospital because of my risk of infecting my family/roommates(
			7	baseline_decontaminate7	I am staying someplace other than home and other than the hospital because of the risk of infecting my family/roommate(s
			8	baseline_decontaminate8	Other
87	baseline_decontaminate_oth Show the field ONLY if: [baseline_decontaminate(8)] = '1'	Please specify 'other' pe_6543	tex	t	

88	endotrach_int_photo	Please refer to this photo when answering the following question	Disposable Bag  Examples of Intubation Barrier Protection		
	Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	question			
89	endotrach_int	For endotracheal intubation, which of the following (if any) is	checkbox, Required		
	Show the field ONLY if:	your ED using all or most of the time for patients with confirmed or suspected COVID-19 [check all that apply]?	1 endotrach_int1 Negative pressure rooms		
	<pre>[screening_arm_1][primary_jo b] = '1' or [screening_arm_1]</pre>	pe_2528	2 endotrach_int2 Video laryngoscopy		
	[primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary		3 endotrach_int3 Intubation barrier protection (e.g., intubating boxes , intubating bags, etc.)		
	_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'	p] = '4' or [screening_arm_ primary_job] = '5' or [scree	4 endotrach_int4 Intubation barrier protection with integrated suction (e.g., intubating boxes connected to suction; negative pressure hood)		
			5 endotrach_int5 Intubation response teams (with dedicated staff)		
			6 endotrach_int6 Intubation through a supraglottic device (e.g., intubating LMA, etc.)		
			7 endotrach_int7 Other		
			0 endotrach_int0 None of these		
			Field Annotation: @NONEOFTHEABOVE = '0'		
90	other_endotrach_int	1 , 3 ,	text		
	Show the field ONLY if: [endotrach_int(7)] = '1'	intubation. ρε_3518			
91	ooh_cardiacarrest_pts	Is your ED receiving out-of-hospital cardiac arrest patients prior to return of spontaneous circulation (with chest compressions	yesno, Required		
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'	ongoing, intra-arrest)? pe_2521	1 Yes 0 No		
92	baseline_covid_hfnc Show the field ONLY if: [screening_arm_1][primary_jo	For patients with confirmed or suspected COVID-19, is your ED practice/protocol that patients will be treated with high-flow nasal cannula (HFNC), if needed?	yesno, Required  1 Yes		
	b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5' or [scree ning_arm_1][primary_job] = '6'	pe_4417	0 No		

93	baseline_covid_nippv  Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	For patients with confirmed or suspected COVID-19, is your ED practice/protocol that patients will be treated with noninvasive positive pressure ventilation (NIPPV, including CPAP or BiPAP), if needed?  pe_1755	yesno, Required  1 Yes  0 No
94	baseline_nippv  Show the field ONLY if: [baseline_covid_nippv] = '1'	Under what circumstances might NIPPV be used in a COVID-19 confirmed or suspected patient [check all that apply]?  pe_4187	checkbox, Required  1 baseline_nippv1 Any patient with respiratory failure that I think will benefit from NIPPV (if indicated)  2 baseline_nippv2 Only patients who have a "Do Not Intubate" or a "Do Not Resuscitate" order  3 baseline_nippv3 Only when mechanical ventilators are scarce
95	baseline_intubation_covid  Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5'	Section Header: COVID-19 exposures  Have you ever personally intubated a suspected or confirmed COVID-19 patient?  pe_1561	yesno, Required  1 Yes  0 No
96	baseline_intubation_2wks Show the field ONLY if: [baseline_intubation_covid] = '1'	How many times in the last 2 weeks, not including today? pe_2995	radio, Required 0 0 1 1-5 2 5-10 3 Over 10
97	baseline_cardiac_covid  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1] [primary_job] = '2' or [screeni ng_arm_1][primary_job] = '3' or [screening_arm_1][primary _job] = '4' or [screening_arm_ 1][primary_job] = '5'	Have you ever personally managed cardiac arrest in a suspected or confirmed COVID-19 patient? pe_2758	yesno, Required  1 Yes  0 No
98	baseline_cardaic_2wks Show the field ONLY if: [baseline_cardiac_covid] = '1'	How many times in the last 2 weeks, not including today? $pe_3742$	radio, Required 0 0 1 1-5 2 5-10 3 Over 10
99	baseline_covid_2wks  Show the field ONLY if: [screening_arm_1][primary_job] = '1' or [screening_arm_1] [primary_job] = '2' or [screening_arm_1][primary_job] = '3' or [screening_arm_1][primary_job] = '4' or [screening_arm_ 1][primary_job] = '5' or [screening_arm_1][primary_job] = '6'	In the last 2 weeks, not including today, estimate how many confirmed COVID-19-positive patients or persons under investigation (PUI) you have personally cared for?  pe_1011	radio, Required  0 0  1 1-5  2 6-10  3 More than 10

100	baseline_covid_nomask_2wks Show the field ONLY if: [baseline_covid_2wks] = '1' or [baseline_covid_2wks] = '2' or [baseline_covid_2wks] = '3'  baseline_covid_noppe_2wks Show the field ONLY if: [baseline_covid_2wks] = '1' or [baseline_covid_2wks] = '2' or [baseline_covid_2wks] = '3'	In the last 2 weeks, not including today, how many times have you been within 6 feet of a confirmed COVID-19-positive patient without wearing an N-95 mask/respirator or PAPR during an aerosol-generating procedure. Commonly performed medical procedures that are often considered AGPs, or that created uncontrolled respiratory secretions, include: open suctioning of airways sputum induction cardiopulmonary resuscitation endotracheal intubation and extubation non-invasive ventilation (e.g., BiPAP, CPAP) bronchoscopy manual ventilation $pe\_1071$ In the last 2 weeks, not including today, how many times have you cared for a confirmed COVID-19 patient with close personal contact (physical examination, etc.) with no protective equipment (e.g., gloves, surgical mask, etc.)? $pe\_4449$	radio, Required  0 0 1 1-3 2 4-10 3 More than 10  radio, Required 0 0 1 1-3 2 4-10
102	other_employment	Do you have any other employment? $\rho e_{\perp}^{1248}$	yesno, Required 1 Yes
103	other_employ_hlthcare Show the field ONLY if: [other_employment] = '1'	Is your other employment in healthcare?  pe_2905	yesno, Required 1 Yes 0 No
104	other_employ_covid  Show the field ONLY if: [other_employ_hlthcare] = '1'	Do you care for patients with COVID-19 (suspected or confirmed) in your other employment? $pe_{-}1420$	yesno 1 Yes 0 No
105	other_employ_public Show the field ONLY if: [other_employment] = '1' and [other_employ_hlthcare] = '0'	In your other job, do you have regular contact with the public? $\rho e^{2499}$	yesno 1 Yes 0 No
106	baseline_contact_sx_noppe	Have you had any known personal contact (e.g., within 6 feet without PPE) with friends or community members who had symptoms consistent with COVID-19 in the last 2 weeks, not including today? $pe\_4865$	radio 1 Yes 0 No
107	baseline_gathering_2wks	Have you attended any mass gathering (e.g., religious event, wedding, party, dance, concert, banquet, funeral, festival, sports event, professional meeting, or other event with more than 10 people) in the last 2 weeks, not including today?  pe.4504	yesno 1 Yes 0 No
108	baseline_publictrans_2wks	In the last 2 weeks, not including today, have you used any public transportation (bus, train, airplane, boat)? $pe_3091$	yesno 1 Yes 0 No
109	baseline_publictrans_crowd Show the field ONLY if: [baseline_publictrans_2wks] = '1'	Did your use of public transportation occur when it was crowded (e.g., crowded means you were unable to maintain at least 6 feet between you and other passengers)? $pe_22097$	yesno 1 Yes 0 No
110	baseline_wearmask	Outside of work, while in public, how often do you currently wear face masks or face coverings to cover your mouth and nose? $pe\_4602$	radio 1 Always 2 Sometimes 3 Rarely 4 Never
111	baseline_covid_infect	Section Header: COVID-19 infection I have been infected by COVID-19.  pe_3015	yesno, Required  1 Yes  0 No

112	baseline_pcr_pos  Show the field ONLY if: [baseline_covid_infect] = '1'	Did you have a PCR test (throat or nose swab)?  pe_1114	radio, Required  1 Yes, it was positive 2 Yes, it was negative 3 I have not had a PCR test  Stop actions on 1
113	baseline_covid_isolate Show the field ONLY if: [baseline_pcr_pos] = '1'	Have you been quarantined because of an active infection with COVID-19? $\rho e\_4253$	radio, Required  1 Yes, by a public health authority  2 Yes, by my employer  3 Yes, by my own decision  0 No
114	baseline_isolation_release  Show the field ONLY if: [baseline_covid_isolate] = '1' o r [baseline_covid_isolate]='2'	When were you released from quarantined? pe_4502	radio, Required  1 Within the last 2 weeks  2 Prior to the last 2 weeks
115	baseline_quar_requested	Have you been quarantined because of an exposure or potential exposure to COVID-19? $\rho e_2 2898$	radio, Required  1 Yes, by a public health authority 2 Yes, by my employer 3 Yes, by my own decision 0 No
116	baseline_ed_infected	To the best of your knowledge, since the onset of the pandemic, how many health care personnel in your ED have been infected with COVID-19? $pe\_4147$	radio 0 0 1 1-5 2 6-10 3 More than 10
117	baseline_covidstress	Section Header: COVID-19 related stress & anxiety In the past week, how much has the COVID-19 pandemic affected your stress or anxiety levels? pe_8317	radio (Matrix), Required  1 Not at all (1)  2 2  3 3  4 Somewhat (4)  5 5  6 6  7 Extremely (7)
118	baseline_jobstress	In the past week, to what extent are you experiencing severe, ongoing job stress where you felt emotionally exhausted, burned out, cynical about your work and fatigued, even when you wake up? pe_8291	radio (Matrix), Required  1 Not at all (1)  2 2  3 3  4 Somewhat (4)  5 5  6 6  7 Very much (7)
119	baseline_priorexp	To what extent do you agree or disagree with the following statement:Knowing my prior exposure and immunity to COVID-19 by serologic (blood) testing would decrease my anxiety. $\rho e\_7498$	radio, Required  1 Strongly disagree  2 Disagree  3 Somewhat disagree  4 Neither disagree or agree  5 Somewhat agree  6 Agree  7 Strongly agree

120	nightmares	Section Header: In the past week, have you had nightmares related to the pandemic or thought about the pandemic when you did not want to?pe_6658	radio (Matrix), Required  1 Yes  0 No  Field Annotation: pe_6658
121	avoid	tried hard not to think about the pandemic or gone out of your way to avoid situations that reminded you of it?pe_5473	radio (Matrix), Required  1 Yes  0 No  Field Annotation: pe_5473
122	on_edge	been constantly on guard, watchful, or easily startled?pe_8964	radio (Matrix), Required  1 Yes  0 No  Field Annotation: pe_8964
123	numb	felt numb or detached from people, activities or your surroundings?pe_5721	radio (Matrix), Required  1 Yes  0 No  Field Annotation: pe_5721
124	guilty	felt guilty or unable to stop blaming yourself or others for the effects of the pandemic or any problems and the pandemic may have caused?pe_5587	radio (Matrix), Required  1 Yes  0 No  Field Annotation: pe_5587
125	sec_expose	Section Header: To what extent are you experiencing the following worries and concerns about COVID-19?  I worry that I may be secondarily exposing family members or others because of my work.pe_6633	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_6633
126	pts_expose	I worry that patients with unclear diagnoses are exposing others in the community.pe_8014	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_8014

	I		
127	afraid_contact	I worry that others at home or elsewhere are afraid to come in contact with me because I work in an emergency department.pe_9208	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_9208
128	unclear_dx	I worry that we are having to send patients home without a clear diagnosis.pe_3322	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_3322
129	not_prepared	I worry that our ED, clinic, or hospital is not prepared enough for the pandemic.pe_1606	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_1606
130	staff_quar	I worry that we will not have enough staffing as co-workers are quarantined.pe_1022	radio (Matrix), Required  1 Not at all  2 2  3 3  4 Somewhat  5 5  6 6  7 Extremely  Field Annotation: pe_1022
131	worry_ppe	I worry that personal protective equipment is unavailable or inadequate.pe_5201	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_5201

		1 Tojout OOVENED   NEDOup	
132	cowrker_dx	I worry about the well-being of co-workers who have been diagnosed with COVID-19.pe_1808	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_1808
133	worry_dx	I worry that we are not able to accurately diagnose COVID-19 cases quickly enough.pe_7237	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_7237
134	worry_quar	I worry that I might have to undergo quarantine and will not be able to work. pe_1607	radio (Matrix), Required  1 Not at all 2 2 3 3 4 Somewhat 5 5 6 6 7 Extremely  Field Annotation: pe_1607
135	baseline_live_with	Section Header: Living situation. For the purpose of this survey, an individual should be included as a household member if they slept in the household at least half of the nights in the last 2 weeks.  I currently live with [check all that apply]: pe_1187	checkbox, Required  0 baseline_live_with0 No one (I live alone)  1 baseline_live_with1 Spouse or significant other  2 baseline_live_with2 Roommate(s)  3 baseline_live_with3 Children  4 baseline_live_with4 Parents, grandparents, aunts, uncles, or other family not including a spouse/significant other and/or children  Field Annotation: @NONEOFTHEABOVE = '0'
136	baseline_housing	I currently live in: pe_4803	radio, Required  1 Single family home  2 Multi-unit housing, owned  3 Multi-unit housing, rented
137	baseline_hhold_size Show the field ONLY if: [baseline_live_with(1)] <> '0'	How many total people, including yourself, live in your home or unit? If you live in a multi-unit housing, do not include the total number of people in your complex. $pe_11899$	text (number, Min: 1, Max: 10), Required
138	baseline_sleep_home	In the last 7 days, how many nights did you sleep at home? If working night shifts, please consider post-night shift sleep as the "night" for this question. $pe\_2153$	text (number, Max: 7), Required

139	baseline_where_sleep Show the field ONLY if: [baseline_sleep_home] <> "" a nd [baseline_sleep_home] <7  baseline_sleep_other Show the field ONLY if:	If you did not sleep at home, where did you stay? $pe\_1163$ Please specify where you have been sleeping. $pe\_2517$	radio  1 Hospital 2 Hotel 3 Friend's House 4 Other  text
	[baseline_where_sleep] = '4'		
141	baseline_home_iso  Show the field ONLY if: [baseline_live_with(1)] <> '0'	While at home, did you isolate yourself from others in your household? For the purpose of this question, this means that you used a separate bedroom and did not share any common areas (e.g., kitchen, bathroom)? $p \in .4433$	yesno, Required  1 Yes  0 No
142	baseline_hhold_covid Show the field ONLY if: [baseline_live_with(1)] <> '0'	Do any of your household members, excluding yourself, believe they have been infected by COVID-19? $pe\_4329$	yesno, Required  1 Yes  0 No
143	baseline_hhold_covidpos Show the field ONLY if: [baseline_hhold_covid] = '1' a nd [baseline_live_with(1)] <> '0'	Did any of your household members have a positive COVID-19 test? $\rho e 4848$	yesno, Required  1 Yes  0 No
144	baseline_hhold_sxend Show the field ONLY if: [baseline_hhold_covid] = '1' a nd [baseline_live_with(1)] <> '0'	When did their symptoms consistent with COVID-19 end? If multiple people were thought to be infected, please refer to when symptoms ended for the LAST one? $pe\_4045$	radio  1 Within the last 2 weeks 2 Prior to the last 2 weeks 3 Ongoing
145	baseline_hhold_contact Show the field ONLY if: [baseline_hhold_covid] = '1' a nd [baseline_live_with(1)] <> '0'	Did you have close personal contact (defined as sharing a bedroom or using a common area ) with this person during the time that he/she had symptoms? $pe\_2260$	yesno, Required  1 Yes  0 No
146	baseline_hhold_quar Show the field ONLY if: [baseline_live_with(1)] <> '0'	Has a household member been quarantined by request of a public health authority because of an exposure or potential exposure to COVID-19? $pe\_1017$	yesno 1 Yes 0 No

149	baseline_medhx	Section Header: Personal Medical History.	checkbox, Required		
	Susceme_Intertix	Have you been diagnosed by a healthcare provider with the	1	baseline_medhx1	Asthma
		following chronic medical conditions? Please do not include mental health conditions [check all that apply]	2	baseline_medhx2	Allergic rhinitis
		mh_1267	3	baseline_medhx3	COPD/Emphysema
			4	baseline_medhx4	Other chronic lung disease
			5	baseline_medhx5	Hypertension (high blood pressure)
			6	baseline_medhx6	Coronary artery disease
			7	baseline_medhx7	Other heart condition (valve abnormality, history of non-coronary heart surgery, pacemaker)
			8	baseline_medhx8	History of stroke
			9	baseline_medhx9	Diabetes mellitus, type I
			10	baseline_medhx10	Diabetes mellitus, type
			11	baseline_medhx11	Chronic kidney disease
			12	baseline_medhx12	Dialysis
			13	baseline_medhx13	Organ transplant (kidney, liver, lungs, heart)
			14	baseline_medhx14	Autoimmune disease
			15	baseline_medhx15	Active cancer
			18	baseline_medhx18	Deep vein thrombosis or pulmonary embolism
			16	baseline_medhx16	Other medical conditions
			0	baseline_medhx0	None of these
			17	baseline_medhx17	Prefer not to answer
				Annotation: @NONEO	FTHEABOVE = '0'
150	baseline_other_med	Please specify your other medical conditions.  mh_4098	text, Required		
	Show the field ONLY if: [baseline_medhx(16)]=1				
151	baseline_immune_med	(for autoing mount disease, areas transplant or otherwise)?		o, Required Yes	
		mh_1019	$\vdash$	No	
			$\vdash$	Prefer not to answer	
152	baseline_chemo	Are you currently undergoing chemothers by treatment?			
134	basenne_cnemo	Are you currently undergoing chemotherapy treatment? mh_1524	1	o, Required Yes	
			0		
			$\vdash$	Prefer not to answer	
153	baseline_tob	Which best characterizes your smoking status?	radi	o, Required	
	baseline_tob	mh_1162		Never smoked	
				Current smoker (defined smoking within the last	
				Former smoker (defined smoker with no tobacco days)	
			3	Prefer not to answer	
	<u> </u>				

154	baseline_pg	Are you currently pregnant?  mh_1525	radio, Required
	Show the field ONLY if: [gender] = '2' or [gender]='4'	1125	1 Yes
	or [gender]='5' or [gender]='6'		O No
	or [gender]='7'		2 Prefer not to answer
155	baseline_covid_meds	Have you taken any medications (prescribed or as part of a study protocol) specifically for the prevention or treatment of	yesno, Required
		COVID-19? mh_3466	0 No
156	baseline sovid modlist		
156	baseline_covid_medlist Show the field ONLY if:	Which one(s)? For those taking medications on a study protocol, please indicate the active ingredient of the study,	checkbox
	[baseline_covid_meds] = '1'	even if you may be allocated to a placebo group [check all that apply].	2 baseline_covid_medlist2 Hydroxychloroquine
		mh_2002	3 baseline_covid_medlist3 Azithromycin
			4 baseline_covid_medlist4 lvermectin
			5 baseline_covid_medlist5 Remdesivir
			6 baseline_covid_medlist6 Zinc
			7 baseline_covid_medlist7 Other
157	baseline_covid_med_other	Please specify what other medications you are taking for the	text
	Show the field ONLY if: [baseline_covid_medlist(7)]=1	prevention or treatment of COVID-19.  mh_2980	
158	baseline_sx	I have or have had the following symptoms within the past 2	checkbox, Required
		weeks [check all that apply]:  mh_1340	1 baseline_sx1 Cough (dry)
			2 baseline_sx2 Cough (productive)
			3 baseline_sx3 Sore throat
			4 baseline_sx4 Runny nose
			5 baseline_sx5 Shortness of breath
			6 baseline_sx6 Muscle aches
			7 baseline_sx7 Fatigue
			8 baseline_sx8 Fever/chills (subjective)
			9 baseline_sx9 Loss of smell or taste
			0 baseline_sx0 None
			Field Annotation: @NONEOFTHEABOVE = '0'
159	baseline_temp_2wks	Have you taken your temperature within the last 2 weeks?  mh. 4742	yesno, Required
		· · · · · · · · · · · · · · · · · · ·	1 Yes
			0 No
160	baseline_hightemp_2wks	What was your highest temperature recorded within the last 2 weeks (Fahrenheit, ##.#)?	text (number_1dp)
	Show the field ONLY if: [baseline_temp_2wks] = '1'	mh_1299	
161	password	Section Header: Serology and COVID-19 PCR testing results password	text, Required
		Please enter the password you would like to use to access your	
		serology and COVID-19 PCR testing results. Please remember this password so that you are able to access your test results.	
		You will be asked to login every 2 weeks to receive your test results, after they are reported.	
		mh_5013	
162	password_verify	Please re-enter your password.  mh_5114	text, Required
163	pass_not_match	Your passwords do not match. Please verify your password.	descriptive
	Show the field ONLY if:		
	<pre>[password_verify] &lt;&gt; "" and ([password]&lt;&gt;[password_veri</pre>		
	fy])		