

University of Iowa Institute for Clinical and Translational Science

## **Project COVERED**



## **■** Data Dictionary Codebook

06/10/2020 10:37am

^ Collapse all instruments

	**Conapse an instruments					
#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)			
Instr	ument: Participant Interes	t Screening Form (participant_interest_screening_form)	■ Enabled as survey			
1	record_id	Record ID ps_1529	text			
2	participate	This project is designed to help us understand the risk of developing COVID-19 among emergency department staff including physicians, nurses and non-clinical ED staff. Your participation in this 12-week project would include: a series of weekly online surveys, 7 blood draws and self-administered nasal swabs to measure COVID-19 exposure (you will be informed of the results) In order to learn as much as we can during this pandemic, we need all participants to be committed to answering all surveys and completing all blood draws and nasal swabs. You will be compensated for your time. Based on your understanding of this project, would you like to continue with the screening process?	yesno, Required  1 Yes  0 No  Stop actions on 0			
3	infected_covid	Section Header: COVID-19 Infection  Do you believe that you have been personally infected with COVID-19? This includes presumed positive regardless of whether you had testing done.  ps_4367	yesno, Required  1 Yes  0 No			
4	positive_pcr Show the field ONLY if: [infected_covid] = '1'	Have you had a positive COVID-19 PCR test (throat or nose swab) ? $ps_1^{1266}$	yesno, Required  1 Yes  0 No			
5	ps_covid_antib Show the field ONLY if: [infected_covid]=1	Have you had a positive antibody (blood) test for COVID-19? $\rho s_{-}6013$	yesno, Required  1 Yes  0 No			
6	primary_job	Section Header: Job Information  What is your primary job? ps_1995	radio, Required  1 Emergency Medicine Attending or Fellow  2 Emergency Medicine Resident  3 Advanced Practice Provider (PA, NP, CRNA)  4 Non-Emergency Medicine Faculty or Fellow  5 Non-Emergency Medicine Resident  6 Emergency Department Nurse  7 Emergency Department Non-Clinical Staff Member (any ED worker with little direct patient contact)			

7	primary_job_4cat	Role as four categories	lc olculation: (if([primary_job]='1', 1, ([primary_job]='2', 5, (if([primary_job]='4', 1, ([primary_job]='5', 5 , (if([primary_job]='3', 2, ([primary_job]='6', 3, 4))))))))) eld Annotation: @HIDDEN			
8	int_team  Show the field ONLY if: [primary_job] = '1' or [primary_job] = '2' or [primary_job] = '3' or [primary_job] = '4' or [primary_job] = '5' or [primary_job] = '6'	Does your institution have a dedicated intubation team for COVID-19 patients who comes to the ED to perform endotracheal intubation?  ps_4946	radio, Required  1 Yes  0 No  2 I don't know			
9	member_int_team  Show the field ONLY if: [int_team] = '1'	Are you a member of the COVID-19 intubation team? ps_4863	yesno, Required  1 Yes  0 No			
10	pt_bedside  Show the field ONLY if:  [primary_job] = '6'	In your usual nursing practice, do you regularly provide direct patient care in the ED? $ps_1469$	yesno, Required  1 Yes  0 No			
11	non_clin_confirm  Show the field ONLY if: [primary_job] = '7'	To be eligible for the project, non-clinical care staff must currently work among caregivers but have: a) no routine close patient contact (i.e., within 6 feet of a patient in which the patient or staff member is not wearing a mask or separated by a barrier [e.g., window]) and b) no prolonged patient contact (i.e., more than 10 minutes per encounter). Please confirm that you meet these criteria as a Non-Clinical Care staff?  ps_1900	radio, Required  1 Yes, I meet these criteria  0 No, I do not meet these criteria  Stop actions on 0			
12	non_clin_edtime Show the field ONLY if: [non_clin_confirm] = '1'	How much of your work time (not including breaks) is spent in any emergency department area? ps_5001	radio, Required  1 0-25%  2 26-50%  3 51-75%  4 76-100%			
13	primary_role Show the field ONLY if: [non_clin_confirm] = '1'	Which of the following jobs describes your role best? ps_2474	radio, Required  1 Unit Clerk - answers and places calls, enter data into the computer, file paperwork  2 Registration/Financial Clerk - obtains initial			
			information from patients, such as contact information, insurance, and general consent for treatment			
			Scribe      Technician - stock the care areas and other work without patient contact			
			5 Social worker			
			6 Pharmacist - verify orders and communicate with other ED staff without frequent patient contact			
			7 Case manager or clinical care coordinator			
			8 Security staff			
			9 Other administrative staff not described above			
			10 Other			
14	non_clin_role_other  Show the field ONLY if:  [primary role] = '10'	Please describe your job role. ps_5010	text, Required			

15	int_performed  Show the field ONLY if:  [primary_job] = '1' or [primary_job] = '2' or [primary_job] = '3' or [primary_job] = '4' or [primary_job] = '5'  covid_int	How many emergency endotracheal intubations have you personally performed in the last 3 months? Please include intubations in a supervisory capacity if you were within 3 feet of the intubation procedure.  ps_4436  In your hospital/setting, do you anticipate performing	radio, Required  0 0 1 1-3 2 4-6 3 6-10 4 Greater than 10  yesno, Required
	Show the field ONLY if:  [primary_job] = '1' or [primary_job] = '2' or [primary_job] = '3' or [primary_job] = '4' or [primary_job] = '5'	endotracheal intubation in the ED for COVID-19 positive patients in the next 3 months? $\rho s_{\perp} 1195$	1 Yes 0 No
17	cont_employment	Do you intend to be working in your current place of employment through August 2020? ps_4094	yesno, Required  1 Yes  0 No
18	work_site	At which site do you work? ps_2769	dropdown, Required
			Allegheny General Hospital     Baystate Medical Center
			3 Denver Health
			Detroit Medical Center (Detroit Receiving/Sinai- Grace)
			5 Hennepin County Medical Center
			6 Jackson Memorial Hospital
			7 Johns Hopkins Medical Institute
			8 Louisiana State University
			9 Mount Sinai Health System (Mount Sinai Manhattan/Elmhurst)
			10 Orlando Regional Medical Center
			11 UAB Hospital
			12 UCLA (Ronald Reagan/Olive View)
			13 UCSF Zuckerberg San Francisco General
			14 University of Iowa
			15 UMass Memorial Medical Center
			16 University of Mississippi Medical Center  17 UT Southwestern Medical Center- Parkland
			Memorial Hospital  18 Thomas Jefferson University
			19 Truman Medical Center
			20 Washington University/Barnes-Jewish Hospital
19	avg_wkly_hrs	On average, over the last three months, have you worked at	yesno, Required
		least 24 hours per week? ps_6517	1 Yes 0 No
20	wkly_hours	Over the next 12 weeks, how many hours per week, on average,	radio, Required
		do you expect to be working in the ED? ps_1671	1 Less than 10 hours
			2 11-20 hours
			3 21-30 hours
			4 31-40 hours
			5 Over 40 hours

21	clin_weeks  Show the field ONLY if: [participate] = '1' and ([primar y_job] = '1' or [primary_job] = '2' or [primary_job] = '3' or [primary_job] = '4' or [primary_job] = '6')	Over the next 12 weeks, how many weeks do you anticipate working clinically in the ED? Please do not include weeks when you have vacation, leaves of absence, sabbatical, academic time, or off-service rotations.  ps_4489	radio, Required  1 11-12 weeks (every week) 2 8-10 weeks 3 4-7 weeks 4 Fewer than 4 weeks
22	firstname	What is your first name? ps_1152	text, Required, Identifier
23	lastname	What is your last name? ps_3259	text, Required, Identifier
24	email	What is your e-mail address? ps_1635	text (email), Required, Identifier
25	email_verify	Please verify your e-mail address. ps_6704	text (email), Identifier
26	email_verifymsg  Show the field ONLY if: [email_verify]<>" and ([email] <> [email_verify])	Your e-mail addresses does not match, please verify them.	descriptive
27	pre_screen_eligible	Pre-screen eligible	calc  Calculation: (if(([primary_job_4cat]='1' or [primary_job_4cat]='2') and [participate]='1' and [infected_covid]='0' and [cont_employment]='1' and [avg_wkly_hrs]='1', 1, (if([primary_job_4cat]='5' and [participate]='1' and [infected_covid]='0' and [avg_wkly_hrs]='1', 1, (if([primary_job_4cat]='3' and [participate]='1' and [infected_covid]='0' and [cont_employment]='1' and [pt_bedside]='1' and [avg_wkly_hrs]='1', 1, (if([primary_job_4cat]='4' and [participate]='1' and [infected_covid]='0' and [cont_employment]='1' and [non_clin_confirm]='1' and ([non_clin_edtime]='3' or [non_clin_edtime]='4') and [avg_wkly_hrs]='1', 1, 0))))))) Field Annotation: @HIDDEN-SURVEY
28	participant_interest_screening _form_complete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: <b>Eligibility</b> (eligibility)	<b>₤</b> ⊒ Enabled as survey	^ Collapse
29	eligible	This individual is eligible to participate in this project.	yesno, Required  1 Yes  0 No  Field Annotation: @HIDDEN-SURVEY
30	eligibility_complete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: Informed Consent	<b>Document</b> (informed_consent_document) • Enabled as s	survey
31	consent	ic_2681	descriptive
32	consent_acknowledge	By selecting 'yes', you acknowledge that you have read the information presented to you, and that you agree to participate in this project. <i>ic_2228</i>	yesno, Required  1 Yes 0 No  Stop actions on 0

33	informed_consent_document_ complete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified				
			2 Complete				
Instr	ument: Participant Enrollr	nent Form (participant_enrollment_form) 🛂 Enabled as st	urvey				
34	pe_comp	Enrollment Compensation	calc Calculation: if([screening_arm_1][primary_job] < 7, 15, 10)				
			Field Annotation: @HIDDEN				
35	pe_survey_name	Survey name	text Field Annotation: @HIDDEN @DEFAULT='Enrollment Form'				
36	pe_date_complete	Enrollment completion date	text (date_mdy) Field Annotation: @HIDDEN-SURVEY @TODAY				
37	name_confirm	Section Header: Personal Information	yesno, Required, Identifier				
		Please confirm that your name is accurate: [screening_arm_1] [firstname] [screening_arm_1][lastname] pe_2280	1 Yes 0 No				
38	name_correction Show the field ONLY if:	Please correct your name here pe_1726	text, Required, Identifier				
	[name_confirm] = '0'						
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:	yesno, Required, Identifier  1 Yes 0 No				
		[screening_arm_1][email] pe_1365					
40	email_correct	Please correct your e-mail address here	text (email), Required				
	Show the field ONLY if: [email_confirm] = '0'	pe_2856					
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)				
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				
	Show the field ONLY if: [type_sec_phone] = '4'	pe_4840					
45	comm_preference	Please select your communication preference for site coordinators. $\rho e 6432$	radio  1 E-mail  2 Cell phone  3 Secondary phone number				
46	street_address	Section Header: Please provide your mailing address. This will be used for mailing compensation.	text, Required, Identifier				
		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				

ΑZ	Arizona
AR	Arkansas
CA	California
СО	Colorado
СТ	Connecticut
DE	Delaware
DC	District of Columbia
FL	Florida
GA	Georgia
Η	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
МО	Missouri
MT	Montana
NE	Nebraska
NV	Nevada
NH	New Hampshire
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

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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.  Emergency Contact 1: Name pe_3164	text, Required, Identifier
51	em_contact1_phone	Emergency Contact 1: Phone number	text (phone), Required, Identifier
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, Identifier
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 What is your date of birth (M-D-Y)? pe_4534	text (date_mdy, Min: 1940-01-01, Max: 2000-01-01), Required, Identifier Field Annotation: @HIDEBUTTON
57	gender	What is your gender? pe_2094	radio, Required  1 Male  2 Female  3 Transgender Male  4 Transgender Female  5 Gender Variant/Non-Conforming  6 Not Listed  7 Prefer Not to Answer
58	gender_no_listed Show the field ONLY if: [gender]='6'	What gender identity do you most identify with? $\rho e^{4640}$	text
59	race	What is your race? [Check all that apply] pe_2338	checkbox  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 Show the field ONLY if: [race(6)] = '1'	Please indicate your race. $pe_4751$	text
61	ethnicity	What is your ethnicity? pe_3899	radio  1 Hispanic or Latino  2 Not Hispanic or Latino
62	medical_school  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: <i>Practice Characteristics</i> What year did you graduate from medical school or with your advanced practice provider degree?  pe_2579	text (number, Min: 1970, Max: 2019), Required

		1	
63	practice_speciality	What is your primary practice specialty? If you are an emergency physician (regardless of other practice settings), please select "Emergency Medicine".	radio, Required
	Show the field ONLY if:		1 Emergency Medicine
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	pe_1042	2 Critical Care Medicine
	rimary_job] = '2' or [screening		3 Internal Medicine
	_arm_1][primary_job]= '3' or [s		4 Pediatrics
	<pre>creening_arm_1][primary_job] = '4' or [screening_arm_1][pri</pre>		5 Anesthesiology
	mary_job] = '5'		6 Other
64	other_practice_specialty	Please indicate your practice specialty here	text
04		pe_4107	text
	Show the field ONLY if: [practice_speciality] = '6'		
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][p rimary_job] = '2' or [screening		3 Second-year resident
	_arm_1][primary_job]= '3' or [s		4 Third- or fourth-year resident
	<pre>creening_arm_1][primary_job] = '4' or [screening_arm_1][pri</pre>		5 Fellow
	mary_job] = '5'		
67	est_career_intubation	In your career, estimate how many intubations have you	radio, Required
	Show the field ONLY if:	personally performed? pe_3210	1 10 or fewer
	[screening_arm_1][primary_jo	pc_5=.0	2 11-30
	b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening		3 31-60
	_arm_1][primary_job]= '3' or [s		4 61-100
	creening_arm_1][primary_job] = '4' or [screening_arm_1][pri		5 101-200
	mary_job] = '5'		6 Over 200
68	baseline_avg_clinical_hrs	On average, over the last 2 weeks, not including today, how	radio, 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][p		3 21-30
	rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or		4 31-40
	[screening_arm_1][primary_jo		5 Over 40
	b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening		3 Over 40
L	_arm_1][primary_job] = '6'		
69	baseline_avg_nonclinical_hrs	On average, over the last 2 weeks, not including today, how	radio, 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 b] = '7'	r ·	2 11-20
	ω <sub>1</sub> - /		3 21-30
			4 31-40
			5 Over 40
70	baseline_fatigue	Based on your current work schedule, how fatigued (physically,	radio
	Show the field ONLY if:	mentally or emotionally) do you feel while you are at work?	1 Not at all
	[screening_arm_1][primary_jo	pe_4347	2 A little
	b] = '1' or [screening_arm_1][p		3 Somewhat
	rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or		4 A lot
	[screening_arm_1][primary_jo		
	b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening		5 Very fatigued
	_arm_1][primary_job] = '6'		
<u> </u>	/	<u> </u>	

71	baseline_ppe_training	Section Header: Use of personal protective equipment (PPE)	checkbox, Required			
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or	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	
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p		1	baseline_ppe_training1	Self-taught using online training	
	rimary_job] = '5' or [screening _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	EABOVE = '0'	
72	comfort_ppe_use  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'	Please rate your comfort with being able to use recommended PPE without contaminating yourself. $\rho e 4700$	1 2 3 4	io, Required Very comfortable Somewhat comfortable Somewhat uncomfortable Very uncomfortable		
73	ppe_protocol_confidence Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'	Please rate your confidence in your facility's PPE protocol: pe_1793		I am confident that our PPE completely safe.  I think my facility's protocol that I should use better PPE more often than required but I think my facility's PPE protocol and I feel that I can safely pwearing PPE every time that institution's protocol.  I am unsure about the safe and feel neither safe or unsure safe or unsure safe.	I puts me at risk and E than is available, or by protocol. tocol is too restrictive, practice without it it is required by my	
74	fitted_n95  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _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. $\rho e 3343$	1	no, Required Yes No		

75	ppe_nonptcare	When you are in your ED but not providing patient care (e.g.,	checkbox, Required			
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	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)	
	rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or		2	ppe_nonptcare2	Reusable face shields	
	[screening_arm_1][primary_job] = '4' or [screening_arm_1][p		3	ppe_nonptcare3	Disposable face-shields (single use)	
	rimary_job] = '5' or [screening _arm_1][primary_job] = '6'		4	ppe_nonptcare4	Safety glasses/goggles	
			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 Appetation, ONIONEOFTHEADOVE - 101			
			Field Annotation: @NONEOFTHEABOVE = '0'			
76	ppe_noncovid  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	1][primary_jo   [cneck all that apply]?	ched 1	kbox, Required	Standard progrutions	
			1	ppe_noncovid1	Standard precautions (handwashing, distancing from patients)	
	rimary_job] = '2' or [screening		2	ppe_noncovid2	Reusable face shields	
	_arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p	ening_arm_1][primary_jo	3	ppe_noncovid3	Disposable face-shields (single use)	
	rimary_job] = '5' or [screening		4	ppe_noncovid4	Safety glasses/goggles	
	_arm_1][primary_job] = '6'		5	ppe_noncovid5	Surgical masks	
			6	ppe_noncovid6	Reusable fabric masks	
			7	ppe_noncovid7	N-95 masks/respirators	
			16	ppe_noncovid16	Elastomeric respirators	
			8	ppe_noncovid8	Powered positive-pressure air purification systems (PAPR, CAPR, etc.)	
			9	ppe_noncovid9	Disposable surgical hat	
			10	ppe_noncovid10	Reusable surgical hat	
			11	ppe_noncovid11	Standard disposable isolation gown	
			12	ppe_noncovid12	Full-body impermeable suit	
			13	ppe_noncovid13	Gloves	
			14	ppe_noncovid14	Double gloves	
			15	ppe_noncovid15	Foot coverings	
			0	ppe_noncovid0	None of the above	
					OFTUEADONE C	
	i	I control of the cont	ı Field	d Annotation: @NONE	ULIHEARUVE-0	

77	ppe_covid	When you are providing direct patient care in your ED for	chec	kbox, Required		
	Show the field ONLY if:	COVID-19 suspected or confirmed patients, what precautions	1	ppe_covid1	Standar	rd precautions
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	DE 100/			(handw patients	ashing, distancing from s)
	rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p		2	ppe_covid2	Reusab	le face shields
			3	ppe_covid3	Disposa use)	able face-shields (single
	rimary_job] = '5' or [screening		4	ppe_covid4	Safety g	glasses/goggles
	_arm_1][primary_job] = '6'		5	ppe_covid5	Surgica	l masks
			6	ppe_covid6	Reusab	le fabric masks
			7	ppe_covid7	N-95 m	asks/respirators
			16	ppe_covid16	Elaston	neric respirators
			8	ppe_covid8		d positive-pressure air tion systems (PAPR, etc.)
			9	ppe_covid9	Disposa	able surgical hat
			10	ppe_covid10	Reusab	le surgical hat
			11	ppe_covid11	Standar gown	rd disposable isolation
			12	ppe_covid12	Full-boo	dy impermeable suit
			13	ppe_covid13	Gloves	
			14	ppe_covid14	Double	gloves
			15	ppe_covid15	Foot co	verings
78	ppe_aerosol_covid	When you are performing or within 6 feet of an aerosol-	ched	kbox, Required		
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or	generating procedure for a confirmed or suspected COVID-19 patient, what precautions are you currently using [check all that apply]? Commonly performed medical procedures that are often considered AGPs, or that create 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	1	ppe_aerosol_cov	id1	Standard precautions (handwashing, distancing from patients)
			2	ppe_aerosol_cov	rid2	Reusable face shields
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening		3	ppe_aerosol_cov	rid3	Disposable face- shields (single use)
	_arm_1][primary_job] = '6'	pe_3175	4	ppe_aerosol_cov	rid4	Safety glasses/goggles
			5	ppe_aerosol_cov	id5	Surgical masks
			6	ppe_aerosol_cov	id6	Reusable fabric masks
			7	ppe_aerosol_cov	rid7	N-95 masks/respirators
			16	ppe_aerosol_cov	id16	Elastomeric respirators
			8	ppe_aerosol_cov	id8	Powered positive- pressure air purification systems (PAPR, CAPR, etc.)
			9	ppe_aerosol_cov	rid9	Disposable surgical hat
			10	ppe_aerosol_cov	rid10	Reusable surgical hat
			11	ppe_aerosol_cov	id11	Standard disposable isolation gown
			12	ppe_aerosol_cov	id12	Full-body impermeable suit
			13	ppe_aerosol_cov	id13	Gloves
			14	ppe_aerosol_cov	rid14	Double gloves
			15	ppe_aerosol_cov	id15	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 Show the field ONLY if: [baseline_reusing_ppe] = '1'	Please check all of the following that you are reusing: $pe_4204$	ched 3	baseline_reuse_ppe3 baseline_reuse_ppe4	Disposable face- shields (single use)
					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_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_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 stock	chec	ckbox, Required	
02	Show the field ONLY if: [baseline_ppe_shortage] = '0'	or otherwise unavailable for clinical use:	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.)
			9	baseline_ppe_runout9	Disposable surgical hat
			10	baseline_ppe_runout10	Reusable surgical hat
			11	baseline_ppe_runout11	Standard disposable isolation gown
			12	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][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_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? $\rho e 1582$	1	no, Required Yes No	
84	scenario1	Consider the following scenario: You care for a 65-year old patient with shortness of breath and orthopnea thought to be		o, Required	Alexander of the
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	related to heart failure. Vital signs show oxygen saturation of 90% and respiratory rate of 28. After your initial assessment,	2	I remove none of my PPE for I remove some of my PPE (gl reuse some of my PPE (mask	oves, gown), but
	rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or	patient's room? [choose answer that best applies]	3	I remove all my PPE between replace PPE before the next p	patients and
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'				

		Project COVERED   REDCap			
85	baseline_hh_betweenpts	How do you perform hand hygiene between patients that you have touched?	rad	io, Required	
	Show the field ONLY if:	pe 1193	1	Soap and water after I leave e	every patient
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening		2	Alcohol-based hand sanitizer patient	after I leave every
	_arm_1][primary_job] = '3' or [screening_arm_1][primary_jo		3	Soap and water only if my har soiled, otherwise alcohol-base	
	b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'		4	Hand hygiene (handwashing o sometimes based on degree o	
	_am_n_pmmary_jobj = 0		6	Change gloves but do not was alcohol sanitizer	sh my hands or use
			5	I don't have the resources to phygiene between every patier running out of supplies.	
86	baseline_decontaminate	After your clinical shift, how do you decontaminate? [check all	che	ckbox, Required	
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or	that apply]  pe_2926	1	baseline_decontaminate1	Wash my hands with soap and water before I leave my place of employment
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'		2	baseline_decontaminate2	Change out of my work clothing before 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 immediately when I get home
			6	baseline_decontaminate6	I am staying at the hospital because of my risk of infecting my family/roommates(s)
			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	Please specify 'other'	tex	t	
	Show the field ONLY if: [baseline_decontaminate(8)] = '1'	pe_6543 ·			
88	endotrach_int_photo  Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5' or [screening _arm_1][primary_job] = '6'	Please refer to this photo when answering the following question	des	criptive	

	1				
89	endotrach_int	For endotracheal intubation, which of the following (if any) is your ED using all or most of the time for patients with confirmed or suspected COVID-19 [check all that apply]?	che	eckbox, Required	
	Show the field ONLY if:		1	endotrach_int1	Negative pressure rooms
	[screening_arm_1][primary_jo	pe_2528	2	endotrach_int2	Video laryngoscopy
	b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening		3		Intubation barrier protection
	_arm_1][primary_job] = '3' or				(e.g., intubating boxes , intubating bags, etc.)
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p		4		Intubation barrier protection
	rimary_job] = '5' or [screening		4		with integrated suction (e.g.,
	_arm_1][primary_job] = '6'				intubating boxes connected
					to suction; negative pressure hood)
			5	endotrach_int5	Intubation response teams
					(with dedicated staff)
			6		Intubation through a supraglottic device (e.g., intubating LMA, etc.)
			7	endotrach_int7	Other
			0	endotrach_int0	None of these
			Fie	ld Annotation: @NOI	NEOFTHEABOVE = '0'
90	other_endotrach_int	Please specify other things your ED is doing for endotracheal	tex	t	
	Show the field ONLY if:	intubation. pe_3518			
	[endotrach_int(7)] = '1'	pc_5576			
91	ooh_cardiacarrest_pts	Is your ED receiving out-of-hospital cardiac arrest patients prior	l f	no, Required	
	Show the field ONLY if:	to return of spontaneous circulation (with chest compressions ongoing, intra-arrest)?	1		
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	pe_2521	0	No	
	rimary_job] = '2' or [screening				
	_arm_1][primary_job] = '3' or [screening_arm_1][primary_jo				
	b] = '4' or [screening_arm_1][p				
	rimary_job] = '5' or [screening _arm_1][primary_job] = '6'				
92	baseline_covid_hfnc	For patients with confirmed or suspected COVID-19, is your ED	ves	sno, Required	
	Show the field ONLY if:	practice/protocol that patients will be treated with high-flow	1		
	[screening_arm_1][primary_jo	nasal cannula (HFNC), if needed? pe_4417	0	No	
	b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening		<u>                                     </u>		
	_arm_1][primary_job] = '3' or				
	[screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p				
	rimary_job] = '5' or [screening				
	_arm_1][primary_job] = '6'				
93	baseline_covid_nippv	For patients with confirmed or suspected COVID-19, is your ED practice/protocol that patients will be treated with noninvasive	ΙŤ	sno, Required	
	Show the field ONLY if:	positive pressure ventilation (NIPPV, including CPAP or BiPAP), if	1		
	[screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p	needed?	0	No	
	rimary_job] = '2' or [screening	pe_1/55			
	_arm_1][primary_job] = '3' or [screening_arm_1][primary_jo				
	b] = '4' or [screening_arm_1][p				
	rimary_job] = '5' or [screening _arm_1][primary_job] = '6'				
94	baseline_nippv	Under what circumstances might NIPPV be used in a COVID-19	ch/	eckbox, Required	
) <del>) (</del>	Show the field ONLY if:	confirmed or suspected patient [check all that apply]?	1	baseline_nippv1	Any patient with respiratory
	[baseline_covid_nippv] = '1'	pe_4187			failure that I think will
					benefit from NIPPV (if indicated)
			2	baseline_nippv2	Only patients who have a
				basemie_mppv2	"Do Not Intubate" or a "Do
					Not Resuscitate" order
			3	baseline_nippv3	Only when mechanical ventilators are scarce

95	baseline_intubation_covid	Section Header: COVID-19 exposures	yesno, Required
	Show the field ONLY if: [screening_arm_1][primary_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_job] = '5'	Have you ever personally intubated a suspected or confirmed COVID-19 patient? $pe\_1561$	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][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_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_jo b] = '1' or [screening_arm_1][p rimary_job] = '2' or [screening _arm_1][primary_job] = '3' or [screening_arm_1][primary_jo b] = '4' or [screening_arm_1][p rimary_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'	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 $pe\_1071$	radio, Required  0 0  1 1-3  2 4-10  3 More than 10
101	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 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
102	other_employment	Do you have any other employment? pe_1248	yesno, Required  1 Yes  0 No
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? $pe_1^{1420}$	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? $pe_2^{2499}$	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? $\rho e^{4602}$	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? $\rho e^{2898}$	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?	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. $pe\_7498$	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
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
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
136	baseline_housing	I currently live in: ρε_4803	Field Annotation: @NONEOFTHEABOVE = '0'  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. $p \in .1899$	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	If you did not sleep at home, where did you stay? ρε_1163	radio 1 Hospital 2 Hotel 3 Friend's House 4 Other
140	baseline_sleep_other Show the field ONLY if: [baseline_where_sleep] = '4'	Please specify where you have been sleeping. pe_2517	text
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)? $pe\_4433$	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' an d [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

144 145 146	baseline_hhold_sxend Show the field ONLY if: [baseline_hhold_covid] = '1' an d [baseline_live_with(1)] <> '0'  baseline_hhold_contact Show the field ONLY if: [baseline_hhold_covid] = '1' an d [baseline_live_with(1)] <> '0'  baseline_hhold_quar Show the field ONLY if: [baseline_live_with(1)] <> '0'  participant_enrollment_form_ complete	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  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  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  Section Header: Form Status  Complete?	2 3 yess 1 0 o droi 0 1 1	Within the last 2 weeks Prior to the last 2 weeks Ongoing no, Required Yes No Yes No Incomplete Univerified	
Inctr	ument: <b>Medical History</b> (m	nedical_history) 🗗 Enabled as survey	2	Complete	^ Collapse
			tovt	(data mdv)	v Collapse
148	medhx_datetime	Date completed mh_1980		(date_mdy) d Annotation: @TODAY @	HIDDEN-SURVEY
149	baseline_medhx	Section Header: Personal Medical History.	che	kbox, Required	
		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]  mh_1267	2	baseline_medhx2	Allergic rhinitis
			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 II
			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
			Field	d Annotation: @NONEOF	THEABOVE = '0'
150	baseline_other_med	Please specify your other medical conditions.	text	, Required	
	Show the field ONLY if: [baseline_medhx(16)]=1	mh_4098			

151	baseline_immune_med	Do you currently take any immune suppressing medications (for autoimmune disease, organ transplant, or otherwise)?  mh_1019	radio, Required  1 Yes  0 No 2 Prefer not to answer
152	baseline_chemo	Are you currently undergoing chemotherapy treatment?  mh_1524	radio, Required  1 Yes  0 No 2 Prefer not to answer
153	baseline_tob	Which best characterizes your smoking status?	radio, Required
		mh_1162	0 Never smoked
			1 Current smoker (defined as any tobacco smoking within the last 30 days)
			2 Former smoker (defined as a previous tobacco smoker with no tobacco use within the last 30 days)
			3 Prefer not to answer
154	baseline_pg	Are you currently pregnant?	radio, Required
	Show the field ONLY if:	mh_1525	1 Yes
	[gender] = '2' or [gender]='4' o		0 No
	r [gender]='5' or [gender]='6' or [gender]='7'		2 Prefer not to answer
155	baseline_covid_meds	Have you taken any medications (prescribed or as part of a	yesno, Required
133	basemie_covia_meas	study protocol) specifically for the prevention or treatment of	1 Yes
		COVID-19? mh_3466	0 No
156	baseline_covid_medlist	Which one(s)? For those taking medications on a study protocol,	checkbox
130		please indicate the active ingredient of the study, even if you	1 baseline_covid_medlist1 Chloroquine
	Show the field ONLY if: [baseline_covid_meds] = '1'	may be allocated to a placebo group [check all that apply].  mh_2002	2 baseline_covid_medlist2 Hydroxychloroquine
		11111_2002	3 baseline_covid_medlist3 Azithromycin
			4 baseline_covid_medlist4 lvermectin
			5 baseline_covid_medlist5 Remdesivir
			6 baseline_covid_medist6 Zinc
			7 baseline_covid_medlist7 Other
			/ baseline_covid_medilst/ Other
157	baseline_covid_med_other  Show the field ONLY if: [baseline_covid_medlist(7)]=1	Please specify what other medications you are taking for the prevention or treatment of COVID-19.  mh_2980	text
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 Appointing @NONECETUEAPOVE = 101
450	haaalina Arees 201		Field Annotation: @NONEOFTHEABOVE = '0'
159	baseline_temp_2wks	Have you taken your temperature within the last 2 weeks? mh_4742	yesno, Required
			0 No
			UINU

160	baseline_hightemp_2wks Show the field ONLY if: [baseline_temp_2wks] = '1'	What was your highest temperature recorded within the last 2 weeks (Fahrenheit, ##.#)?  mh_1299	text (number_1dp)
161	password	Section Header: Serology and COVID-19 PCR testing results password  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	text, Required
162	password_verify	Please re-enter your password.  mh_5114	text, Required
163	pass_not_match Show the field ONLY if: [password_verify] <> "" and ([password]<>[password_verif	Your passwords do not match. Please verify your password.	descriptive
164	y]) day_since_med	Days since med completed	calc Calculation: (datediff ([baseline_arm_1] [medhx_datetime], "TODAY", "d", "mdy") ) Field Annotation: @HIDDEN-SURVEY
165	medical_history_complete	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: Baseline Positive F	ollow-up (withdrawal_followup)	<b>^</b> Collapse
166	post_b_comp	Post-baseline withdrawal comp	text Field Annotation: @HIDDEN-SURVEY @DEFAULT='25'
167	post_b_date	Post-baseline withdrawal date	text Field Annotation: @HIDDEN-SURVEY @TODAY
168	postb_suspect	Section Header: SYMPTOMS  Prior to receiving your test results from Project COVERED, did you suspect that you might have had COVID-19 infection?  pb_6872	yesno 1 Yes 0 No
169	postb_why	Why did you think you may have had COVID-19 [select all that	checkbox
	Show the field ONLY if: [postb_suspect] = '1'	apply]? pb_1522	1 postb_why1 I had symptoms in the past I thought could have been from COVID-19
			2 postb_why2 I have symptoms currently I thought might be from COVID-19
			3 postb_why3 I have had known unprotected exposures to COVID-19 positive individuals
			4 postb_why4 I believe that a family member or household contact had COVID-19
			5 postb_why5 The ED I work in has/had a high prevalence of COVID-19-positive cases
			6 postb_why6 I live(d) in a community with high COVID-19 prevalence
			7 postb_why7 I believe that I had an asymptomatic infection or was never infected
			8 postb_why8 Other
170	postb_whyother Show the field ONLY if: [postb_why(8)] = '1'	Why do you think you had COVID-19? pb_6234	text

171	postb_sx	Since December 31, 2019, have you had ANY symptoms that could be consistent with COVID-19 at any point? $\rho b_{-}1654$	1	<del>                                     </del>		
172	postb_sxlist	Which symptoms have you had [check all that apply]?	ched	kbox		
	Show the field ONLY if:	pb_1822	1	postb_sxlist1	Cough (dry)	
	[postb_sx]= '1'		2	postb_sxlist2	Cough (productive)	
			3	postb_sxlist3	Sore throat	
			4	postb_sxlist4	Runny nose	
			5	postb_sxlist5	Shortness of breath	
			6	postb_sxlist6	Muscle aches	
			7	postb_sxlist7	Fatigue/weakness	
			8	postb_sxlist8	Fever (subjective or measured)	
			17	postb_sxlist17	Chills	
			9	postb_sxlist9	Diarrhea	
			10	postb_sxlist10	Loss of smell or taste	
			11	postb_sxlist11	Vomiting	
			12	postb_sxlist12	Dizziness	
			13	postb_sxlist13	Confusion	
			14	postb_sxlist14	Malaise	
			15	postb_sxlist15	Rash	
			16	postb_sxlist16	I had a symptom not listed here	
			0	postb_sxlist0	None of these	
			Field	d Annotation: @NOI	NEOFTHEABOVE = '0'	
173	postb_sxother	What additional symptom(s) have you experienced?	text			
	Show the field ONLY if: [postb_sxlist(16)] = '1'	pb_1862				
174	postb_lengthsx	How many days did your symptoms last (estimated)? If you had	text	(integer)		
	Show the field ONLY if: [postb_sx] = '1'	more than one episode of symptoms, please estimate the total number of days with symptoms since December 31, 2019. $pb\_1657$				
175	postb_fever	Since December 31, 2019, have you measured a fever (a	yesr	10		
		temperature great than 100.4 F or 38 C) at any point?  pb_1758	1	Yes		
			0	No		
176	postb_feverdate	What was the date (estimated) of your first fever?		(date_mdy, Min: 20		
	Show the field ONLY if: [postb_fever] = '1'	pb_1957	Field	Field Annotation: @HIDEBUTTON		
177	postb_lengthfever	How many days did your fever last (estimated)?	text	(integer)		
	Show the field ONLY if: [postb_fever] = '1'	pb_2058				
178	postb_episodes	How many discrete episodes of symptoms (including fever) have				
	Show the field ONLY if:	you had since December 31, 2019? A discrete episode is a period of symptoms followed by full recovery.	1			
	[postb_sx] = '1' or [postb_feve r] = '1'	pb_1547	2	2		
			3	3		
			4	4 or more		

	postb_attributesx	To which of the following did you attribute your symptoms	ched	ckbox	
	Show the field ONLY if:	[select all that apply]?	10	postb_attributesx10	COVID-19
	[postb_sx] = '1' or [postb_feve r] = '1'	pb_1003	1	postb_attributesx1	Common cold
			2	postb_attributesx2	Influenza
			3	postb_attributesx3	Seasonal allergies
			4	postb_attributesx4	Gastroenteritis/stomach flu
			5	postb_attributesx5	Food poisoning
			6	postb_attributesx6	Other infection
			7	postb_attributesx7	Exacerbation of a chronic medical condition
			8	postb_attributesx8	Medications
			12	postb_attributesx12	Asthma
			9	postb_attributesx9	Inadequate sleep, over- work, schedule changes, or stress
			11	postb_attributesx11	Other
180	postb_othercond	To what other condition(s) did you attribute your symptoms?	text		•
	Show the field ONLY if: [postb_attributesx(11)] = '1'	pb_1232			
181	postb_seekcare	Did you seek care of any health care provider for any of these	yesr	10	
	Show the field ONLY if:	symptoms? (regardless of whether COVID-19 was suspected or testing was performed)	$\vdash$	Yes	
	[postb_sx] = '1'	pb_1185	0	No	
182	postb_dayspriorcare	How many days did you have symptoms prior to seeking care? If	text	(number)	
,	Show the field ONLY if: [postb_seekcare] = '1'	you sought care multiple times or had multiple episodes of symptoms, please estimate the time of symptoms prior to seeking care in the FIRST VISIT.  pb_1568			
183	postb_sxstart Show the field ONLY if: [postb_sx] = '1'	What is the FIRST date (estimated) that you had ANY symptoms that might have been consistent with COVID-19 since December 31, 2019. If you had multiple discrete episodes with symptoms that could be consistent with COVID-19, please list the date the FIRST episode STARTED. pb. 2552		(date_mdy, Min: 2019-12 I Annotation: @HIDEBUT	
184	postb_sxend	What is the LAST date (estimated) that you had ANY symptoms	text	(date_mdy)	
	Show the field ONLY if: [postb_sx] = '1'	that might have been consistent with COVID-19 since December 31, 2019. If you had multiple discrete episodes with symptoms that could be consistent with COVID-19, please list the date the MOST RECENT episode ENDED. pb_2785		d Annotation: @HIDEBUT	TON
185	posb_sxdesc	Please provide a narrative of your symptoms, with dates,	note	?S	
	Show the field ONLY if: [postb_sx] = '1'	providing as much detail as you are able. $pb_2058$			
186	postb_sxwork	During the time period(s) that you had ANY symptoms (even	yesr		
	Show the field ONLY if: [postb_sx] = '1'	minimal, minor, or atypical symptoms), did you go to work at your place of employment? pb_2485	0	<del></del>	
	-,			<del></del>	
187	postb_sxwrkdays	How many days do you estimate you were at work while you	text	(number)	
187	,	were symptomatic?	text	(number)	
187	postb_sxwrkdays		text	(number)	
187	postb_sxwrkdays Show the field ONLY if:	were symptomatic?	yesr 1		
	postb_sxwrkdays Show the field ONLY if: [postb_sxwork] = '1'	were symptomatic? $pb_2332$ Did you use any additional personal protective equipment (PPE)	yesr 1	Yes No	

190	postb_priorcovidtest	Have you had ANY COVID-19 testing (nasal test, blood test, or any other test) before participation in this project? $pb\_1857$	yesno 1 Yes 0 No
191	postb_priortestresults Show the field ONLY if: [postb_priorcovidtest] = '1'	Please provide the date(s), test type, and results (example: 3/10, nasal swab, negative). $pb_{-}2057$	notes
192	postb_ptsexp	Section Header: WORK EXPOSURES  Since December 31, 2019 at work estimate how many PATIENTS with confirmed COVID-19 infection you had unprotected exposure (i.e., without using the personal protective equipment [PPE] recommended by your health system for a COVID-19 positive patient at the time of your exposure). This could have occurred because a patient was not known to have COVID-19 at the time of your encounter, because you did not have appropriate PPE available, or for any other reason.  pb_2011	radio 0 0 1 1-5 2 6-10 3 Greater than 10
193	postb_expcoworker	Since December 31, 2019, AT WORK, have you had close and unprotected exposure, defined as within 6 feet for greater than 10 minutes without a mask, to a co-worker known to subsequently diagnosed to have COVID-19 infection? $pb\_6421$	yesno 1 Yes 0 No
194	postb_exp	Section Header: PUBLIC EXPOSURES  Since December 31, 2019, OUTSIDE OF WORK, estimate how many people known to have tested positive for COVID-19 you had a close and unprotected exposure, defined as within 6 feet for greater than 10 minutes without a mask? This does not include possible exposures to people whose testing status you do not know (e.g., grocery store, public transportation). pb_2254	radio 0 0 1 1-5 2 6-10 3 Greater than 10
195	postb_famsx	Since December 31, 2019, have any of your family members/roommates had symptoms consistent with COVID-19? pb_2547	yesno 1 Yes 0 No
196	postb_famsxstart Show the field ONLY if: [postb_famsx] = '1'	When did your family members/roommates start having symptoms consistent with COVID-19? If ANY of your family members started having symptoms prior to your symptoms, please select "before my symptoms." $pb_2$ 2147	radio  1 Before the onset of my symptoms  2 At the same time my symptoms started  3 After the onset of my symptoms  4 I never had symptoms
197	postb_travel	Since December 31, 2019, have you traveled outside the United States? $pb\_1872$	yesno 1 Yes 0 No
198	postb_inttravel Show the field ONLY if: [postb_travel] = '1'	Please provide a brief description of any international travel locations and dates of travel (example: Barcelona, Spain - January 24-February 9). Include all international trips. $pb\_1257$	notes
199	postb_contracted	Section Header: POST-PROJECT TEST RESULTS  If you have contracted COVID-19 as your test result suggests, where do you think you MOST LIKELY contracted COVID-19 infection?  pb_5321	radio  1 At work  2 At home  3 In the community  4 Travel outside the country  5 I don't know

200	postb_workfactors	If you think you contracted COVID-19 infection AT WORK, please	radio
	Show the field ONLY if: [postb_contracted] = '1'	select what factors you think were related to being exposed to COVID-19? [Select all that apply] pb_4758	Wearing inadequate PPE (i.e., mask, face shield, gown, etc.) for patient(s) not suspected to be COVID-19 infected
			2 Inadequate time to place needed PPE
			3 Adequate PPE not available
			4 Accidental PPE doffing exposure
			5 Exposure to COVID-19 infected staff member
			6 Other
201	postb_otherexpfactors	Describe other factors that you believe contributed to your COVID-19 exposure. pb_1528	notes
202	postb_decanx	To what extent do you agree or disagree with the following	radio
		statement: Knowing my prior exposure and immunity to COVID- 19 by serologic (blood) testing has decreased my anxiety?	1 Strongly disagree
		pb_1298	2 Disagree
			3 Somewhat disagree
			4 Neither disagree or agree
			5 Somewhat agree
			6 Agree
			7 Strongly agree
203	postb_contactclinic	After you received the results of your Project COVERED testing, did you contact your local employee health/occupational health clinic?	yesno 1 Yes
		pb_1957	0 No
204	postb_addtesting	Have you had any COVID-19 testing performed SINCE your	radio
		Project COVERED testing? pb_2052	1 Yes, I had a repeat nasal, nasopharyngeal, or ora swab
			2 Yes, I had a repeat blood test
			3 Yes, I had both a repeat nasal, nasopharyngeal, or oral swab AND a blood test
			4 No, I have not had any repeat testing
205	postb_swabdate Show the field ONLY if:	My nasal, nasopharyngeal, or oral swab result was performed on the following date: pb_2254	text (date_dmy)
	[postb_addtesting] = '1' or [po stb_addtesting] = '3'	po_2254	
206	postb_swabresult	My nasal, nasopharyngeal, or oral swab result was: pb_2780	radio
	Show the field ONLY if:	55_2760	1 Positve
	[postb_addtesting] = '1' or [po stb_addtesting] = '3'		0 Negative
207	postb_blooddate	My blood test was performed on the following date: pb_2354	text (date_mdy)
	Show the field ONLY if: [postb_addtesting] = '2' or [postb_addtesting] = '3'	pa_2337	
208	postb_bloodresult	My blood test result was:	radio
	Show the field ONLY if: [postb_addtesting] = '2' or [postb_addtesting] = '3'	pb_2468	<ul><li>1 Positive</li><li>0 Negative</li></ul>
209	postb_missedshifts	Have you missed shifts as a result of your positive Project	yesno
	, <u>-</u>	COVERED result? pb_1198	1 Yes 0 No
210	postb_returnwork	Have you returned to work?	yesno
	Show the field ONLY if: [postb_missedshifts] = '1'	pb_2354	1 Yes 0 No
	]	<u> </u>	<del></del>

211	postb_daysmissed	How many days (estimated) were you unable to work?	tov	t (number)	
211	Show the field ONLY if:	pb_1268	text (number)		
	[postb_missedshifts] = '1' and [postb_returnwork] = '1'				
212	postb_changeptcare	In response to your positive test result, please indicate how you	che	eckbox	
212	intend to change your activities at work or your willingness to interact with patients with known COVID-19 infection? [check all that apply]  pb_2472	1	postb_changeptcare1	I do not intend to change my work behavior/activities	
		2	postb_changeptcare2	I will have the same work/clinical responsibilities, but I will feel more comfortable interacting with COVID-19 infected and COVID-19 suspected patients	
			3	postb_changeptcare3	I actively will interact with and care for more COVID-19 patients to decrease my co- workers' risk
		4	postb_changeptcare4	I will join a COVID-19 intubation team, code team, or other high- risk COVID-19 response team	
			5	postb_changeptcare5	I will have the same work/clinical responsibilities, but I will feel LESS comfortable caring for COVID-19 positive and suspected patients
		6	postb_changeptcare6	I will actively avoid interacting with COVID-19 patients	
			7	postb_changeptcare7	Other
			Fie	ld Annotation: @NONEOFT	HEABOVE = '1'
213	postb_otherchange Show the field ONLY if: [postb_changeptcare(7)] = 1	Please describe other changes in your job responsibilities or your willingness to care for patients with known or suspected COVID-19 infection. $pb\_1926$	not	es	

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214	postb_changeppe	In response to your positive test result, please indicate how you	checkbox			
		intend to change your use of PPE? [check all that apply] $pb_{\perp}1659$	1		I do not intend to change my use of PPE	
		2		I will no longer always wear a mask when in my workplace but outside of patient rooms		
		3		I will wear a surgical mask instead of an N95 mask when in my workplace but outside of patient rooms		
		4		I will no longer always wear a mask when in a patient room		
		5		I will wear a surgical mask instead of an N95 mask when in a patient room		
			6		I will wear a surgical mask instead of an N95 mask when performing intubations or other high-risk aerosol- generating procedures	
		7	postb_changeppe7	Other		
			Field Annotation: @NONEOFTHEABOVE = '1'			
215	postb_otherppe Show the field ONLY if: [postb_changeppe(7)] = '1'	Please describe other changes in your PPE practice. pb_1925	not	res		
216	postb_changeliving	In response to your positive test result, how will your living	che	eckbox		
		situation (where or with whom you live) change? [check all that apply]  pb_1757	1	postb_changeliving1	My living situation will not change	
			2	postb_changeliving2	I will moved back to the same residence with my family or previous roommates	
			3	postb_changeliving3	I will change where I sleep in my residence	
			4	postb_changeliving4	I will no longer wear a mask while at my residence with my family or roommates	
			5	postb_changeliving5	Other	
			Field Annotation: @NONEOFTHEABOVE = '1'			
217	postb_whatliving Show the field ONLY if: [postb_changeliving(5)] = '1'	Please describe other changes in your living situation. $pb_1 1342$	not	res		

218	postb_changepublicbeh	In response to your positive test result, how do you intend to	checkbox
		change your practices in public? [check all that apply] $\rho b_2 2056$	1 postb_changepublicbeh1 I do not intend to change practices in public
			2 postb_changepublicbeh2 I no longer intend to wear a mask in public places
			3 postb_changepublicbeh3 I am now more willing to go to restaurants, places of worship, and other places where groups of people gather
			4 postb_changepublicbeh4 I am now more willing to invite friends and relatives over to my house
			5 postb_changepublicbeh5 Other
			Field Annotation: @NONEOFTHEABOVE = '1'
219	postb_howpublic Show the field ONLY if: [postb_changepublicbeh(5)] = '1'	Please describe any other changes to your practices in public. $\rho b_2 2342$	notes
220	postb_changelife	In response to your positive test result, do you expect anything else to change how you live your life? $\rho b_{-}3337$	yesno 1 Yes 0 No
221	postb_howlife Show the field ONLY if: [postb_changelife] = '1'	How? pb_1577	notes
222	withdrawal_followup_complet e	Section Header: Form Status Complete?	dropdown  O Incomplete  1 Unverified  2 Complete
Instr	ument: Facility Characteris	stics (facility_characteristics) 🔊 Enabled as survey	<b>^</b> Collapse
223	fac_site_det Show the field ONLY if: [user-dag-id]='7349'	Section Header: Facility Size Please indicate which site you are providing information about. $f_{\rm C}$ 2007	radio, Required  1 Detroit Receiving Hospital 2 Sinai-Grace Hospital
224	fac_site_ucla Show the field ONLY if: [user-dag-id]='7357'	Please indicate which site you are providing information about. $f_{C_11852}$	radio, Required  1 UCLA Olive View 2 UCLA Ronald Reagan
225	fac_site_mtsinai Show the field ONLY if: [user-dag-id]='7354'	Please indicate which site you are providing information about. $f_{C,3516}$	radio, Required  1 Mount Sinai Hospital  2 Elmhurst Hospital Center
226	fac_site_washu Show the field ONLY if: [user-dag-id]='7365'	Please indicate which site you are providing information about. $f_{c,3271}$	radio, Required  1 Washington University 2 Barnes-Jewish Hospital
227	fac_site_uab Show the field ONLY if: [user-dag-id]='7356'	Please indicate which site you are providing information about. $f_{c_11498}$	radio, Required  1 University of Alabama at Birmingham  2 Highlands

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228	fac_site_thomjeff Show the field ONLY if: [user-dag-id]='7363'	Please indicate which site you are providing information about. <i>fc_1165</i>	radio, Required  1 Jefferson Center City 2 Jefferson Methodist Hospital
229	fac_site_ucsf Show the field ONLY if: [user-dag-id]='7358'	Please indicate which site you are providing information about. $fc_11562$	radio, Required  1 Zuckerberg San Francisco Medical  2 UCSF Medical Center (Parnassus campus)
230	fac_beds_pre	How many beds did you have in your ED pre-COVID? (Bed is defined as a dedicated patient care space during normal operations-may include "hall beds" if used routinely) fc_2822	text (number, Min: 0), Required
231	fac_beds_covid	How many beds do you have in your ED now?(Bed is defined as a dedicated patient care space during normal operations-may include "hall beds" if used routinely) fc_4325	text (number, Min: 1), Required
232	fac_negpress_beds	How many of those beds are in negative pressure rooms? fc_3599	text (number), Required
233	fac_shared_hall_beds	How many of those beds are in hallways or are shared rooms? $f_{C_1}$ 7751	text (number), Required
234	fac_ptvol_total19	Section Header: Please provide total ED patient volume for the following time periods:	text (number), Required
		Annual ED patient volume in calendar year 2019 fc_4406	
235	fac_ptvol_jan20	January 2020 fc_2244	text (number), Required
236	fac_ptvol_feb20	February 2020 fc_2451	text (number), Required
237	fac_ptvol_mar20	March 2020 fc_1471	text (number), Required
238	fac_ptvol_apr20	April 2020 fc_1471	text (number), Required
239	fac_attendhrs_norm	Section Header: Coverage hours prior to COVID-19 Prior to COVID-19, how many total hours of coverage were provided by all providers in each category during one week? (e.g., if the ED has a single physician covering 24-hours daily, this response would be 168 hours; if there were 2 physicians covering 12-hours during the day and only one covering 12-hours at night, this response would be 252)  Attending physicians fc_2065	text (number), Required
240	fac_reshrs_norm	Resident physicians fc_1315	text (number), Required
241	fac_advprachrs_norm	Advanced practice providers fc_5032	text (number), Required
242	fac_rnhrs_norm	Nurses fc_5001	text (number), Required
243	fac_na_norm	Nurses aides/paramedics fc_5103	text (number, Min: 0), Required
244	fac_pharm_norm	ED pharmacists fc_6147	text (number, Min: 0), Required
245	fac_nonclin_norm	Non-clinical staff (i.e., clerks, case managers, social workers, finance, etc.) fc_4671	text (number, Min: 0), Required
246	fac_attend_hrs	Section Header: COVID-19-specific Operations How many total hours in each category were worked by all providers in a category in the last 1 week, not including today? (e.g., if the ED has a single physician covering 24-hours daily, this response would be 168 hours; if there were 2 physicians covering 12-hours during the day and only one covering 12-hours at night, this response would be 252)  Attending physicians fc_1421	text (number), Required
247	fac_res_hrs	Resident physicians fc_1136	text (number), Required
248	fac_advprac_hrs	Advanced practice providers fc_4080	text (number), Required
249	fac_rn_hrs	Nurses fc_2432	text (number), Required

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250	fac_na_hrs	Nursing aides/paramedics fc_4972	text (number), Required
251	fac_pharm_hrs	ED pharmacists fc_1430	text (number), Required
252	fac_nonclin_hrs	Non-clinical staff (i.e., clerks, case managers, social workers, finance, etc.) $f_{C,2249}$	text (number), Required
253	fac_aggreg_covid	Section Header: Please indicate the number of ED personnel in each group that have been diagnosed with COVID-19 since the beginning of the pandemic, not including today.  If you are unable to obtain the numbers via category, please report the total number of ALL ED personnel that have been diagnosed with COVID-19 in the last 1 week, including today. If unable to obtain the aggregate number, please enter '999'. fc_4271	text
254	fac_attend_covid	Attending physicians $f_{C_3}$ 212	text (number)
255	fac_res_covid	Resident physicians fc_3603	text (number)
256	fac_advprac_covid	Advanced practice providers fc_2507	text (number)
257	fac_rn_covid	Nurses fc_2609	text (number)
258	fac_na_covid	Nursing aides/paramedics fc_2578	text (number)
259	fac_pharm_covid	ED Pharmacists fc_2389	text (number)
260	fac_nonclin_covid	Non-clinical staff (i.e., clerk, case managers, social workers, finance, etc) $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$ $f_{c}$	text (number)
261	fac_separate_covid	Section Header: COVID-19 patients  Are COVID-19-positive or suspected patients cohorted in a separate part of the ED?  fc_1755	yesno, Required  1 Yes  0 No
262	fac_intteam_covid	Does your site use a dedicated intubation team for intubating COVID-19 patients? fc_1520	radio, Required  1 Always  2 Sometimes  0 Never
263	fac_attendres_intteam  Show the field ONLY if: [fac_intteam_covid] = '1' or [fa c_intteam_covid] = '2'	Are emergency medicine attendings or residents on the intubation team? $f_{\rm C}4753$	yesno, Required  1 Yes  0 No
264	fac_covidpos_1wk	Has your ED treated a COVID-19-positive patient within the last 1 week,not including today? $f_{\rm C}$ _1988	yesno, Required  1 Yes  0 No
265	fac_covidpos_total1wk Show the field ONLY if: [fac_covidpos_1wk] = '1'	How many total COVID-19-positive patients, confirmed by a PCR test, have been treated in your ED in the last 1 week, not including today? $f_{\rm C}$ _4500	text (number), Required
266	fac_covidpos_int1wk Show the field ONLY if: [fac_covidpos_1wk] = '1'	How many COVID-19-positive patients have been intubated in your ED in the last 1 week, not including today? $f_{C_a}$ 1640	text (number), Required
267	fac_covidpos_card1wk  Show the field ONLY if: [fac_covidpos_1wk] = '1'	How many COVID-19-positive cardiac arrest patients were managed in your ED in the last 1 week, not including today? fc_2835	text (number), Required
268	fc_covidpos_adm1wk	How many cases of COVID-19 were admitted to your hospital (admitted through the ED or from outside) in the last 1 week, not including today? $f_{C}$ 2301	text (number), Required
269	fc_covidpos_hosp1wk	In your hospital, how many COVID-19 patients were hospitalized on Monday of this week? fc_1833	text (number), Required

270	facility_characteristics_comple te	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: Weekly Participant	: Survey (weekly_participant_survey)	^ Collapse
271	wps_comp	Weekly survey compensation	calc Calculation: if([screening_arm_1][primary_job] < 7, 10, 5) Field Annotation: @HIDDEN
272	wps_title	Weekly survey title	text Field Annotation: @DEFAULT='weekly survey' @HIDDEN
273	wps_date	Weekly survey completion date	text (date_mdy) Field Annotation: @TODAY @HIDDEN-SURVEY
274	first_wps	first weekly participant survey	calc Calculation: if([first-event-name] [weekly_participant_survey_complete]<>2, 1,0) Field Annotation: @HIDDEN
275	last_wps_date Show the field ONLY if: [first_wps]<>1	For this survey, please think about the time since you completed your last survey on [previous-event-name][wps_date], but not including today.	descriptive
276	wkly_returnwork  Show the field ONLY if: [previous-event-name][wkly_s topwrk]='1' or ([first_wps]=0 a nd [previous-event-name][wkl y_stopwrk]="") or [previous-ev ent-name][wkly_returnwork] ='0'	Have you resumed working? wps_2347	radio, Required  1 Yes  0 No  9 N/A (missed last week's survey)
277	wkly_returndate Show the field ONLY if: [wkly_returnwork] = '1'	Please provide the date you returned to work. wps_2188	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15)
278	wkly_sx	Section Header: COVID Diagnoses  Have you had any symptoms possibly related to COVID-19 in the last 1 week, not including today?  wps_4298	yesno, Required  1 Yes  0 No
279	wkly_sxpresent Show the field ONLY if: [wkly_sx] = '1' wkly_sxpresent_other	Which of the following symptoms have you had in the last 1 week, not including today [check all that apply]: wps_4509  Please list what other symptoms you have been having.	checkbox, Required  1  wkly_sxpresent1  Cough (dry) 2  wkly_sxpresent2  Cough (productive) 3  wkly_sxpresent3  Sore throat 4  wkly_sxpresent4  Runny nose 5  wkly_sxpresent5  Shortness of breath 6  wkly_sxpresent6  Muscle aches 7  wkly_sxpresent7  Fatigue 8  wkly_sxpresent8  Fever/chills (subjective) 9  wkly_sxpresent9  Diarrhea 10  wkly_sxpresent10  Loss of smell or taste 11  wkly_sxpresent11  Other
	Show the field ONLY if: [wkly_sxpresent(11)]=1	wps_4304	
281	wkly_temptaken	Have you taken your temperature in the last 1 week, not including today?  wps_2208	yesno, Required  1 Yes  0 No

282	wkly_fever Show the field ONLY if: [wkly_temptaken] = '1'	Have you measured a fever (a temperature greater than 100.4 F or 38 C)? wps_1466	1	yesno, Required  1 Yes  0 No		
283	wkly_pcrtest	Outside this project, have you been personally tested for COVID-19 with a PCR test(s) (throat or nose swab) in the last 1 week, not including today? wps_2546	1	rno, Required Yes No		
284	wkly_pcrpos Show the field ONLY if: [wkly_pcrtest] = '1'	For testing outside this project, what was your test result? If any test result was positive, please select 'positive'. wps_4559	1	Positive Negative Pending		
285	wkly_pcrdate Show the field ONLY if: [wkly_pcrpos] = '1'	For testing outside this project, what was the date of the positive test?  wps_1169		rt (date_mdy, Min: 2020-04-´ quired	3, Max: 2021-04-15),	
286	wkly_pcrdate_neg Show the field ONLY if: [wkly_pcrpos] = '0' and [wkly_r eturnwork]<>"	For testing outside this project, what was the date of the first negative test after your COVID-19 infection? wps_1170		text (date_mdy, Min: 2020-04-13, Max: 2021-04-15), Required		
287	wkly_antib	Outside this project, within the last 1 week, not including today, have you personally had a COVID-19 antibody (blood) test? wps_6479	yesno, Required  1 Yes 0 No			
288	wkly_antib_pos Show the field ONLY if: [wkly_antib]=1	For testing outside this project, what was your antibody (blood) test result? wps_4558	0	Positive Negative Pending		
289	wkly_antib_date Show the field ONLY if: [wkly_antib_pos]=1	For testing outside this project, what was the date of the positive antibody (blood) test? wps_1168		rt (date_mdy, Min: 2020-04- quired	13, Max: 2021-04-15),	
290	wkly_stopwrk	In the last 1 week, not including today, have you worked in your	rac	lio, Required		
	Show the field ONLY if:	ED? wps_1052	0	Yes, I worked at least one	shift this week	
	[wkly_returnwork]<>'0'		1	No, I had COVID-19 sympt suspected/confirmed infe		
			2	No, I was not scheduled		
			3	No, I was on vacation/holi	day	
291	wkly_stopwrk_date Show the field ONLY if: [wkly_stopwrk] = '1'	When did you stop working? wps_3854		rt (date_mdy, Min: 2020-04- quired	13, Max: 2021-04-15),	
292	wkly_stopwrk_reason	What was the reason you stopped working? [check all that apply]	che	eckbox, Required	T <sub>=</sub> .	
	Show the field ONLY if: [wkly_stopwrk] = '1'	wps_1529	1	wkly_stopwrk_reason1	Symptoms	
	[wkiy_stopwik] = 1		2	wkly_stopwrk_reason2	Positive PCR test (throat or nose swab) related to this project	
			5	wkly_stopwrk_reason5	Positive PCR test (throat or nose swab) from another source (not related to this project)	
			3	wkly_stopwrk_reason3	Serology (blood test) related to this project	
			4	wkly_stopwrk_reason4	Serology (blood test) from another source (not related to this project)	

293	wkly_hospadmit  Show the field ONLY if: [wkly_stopwrk] = '1' or [wkly_p crpos]='1' or [wkly_antib_pos] ='1' or [wkly_returnwork]='0'	In the last 1 week, not including today, have you been admitted to the hospital for COVID-19 for at least 24 hours?  wps_4484	yesno, Required  1 Yes 0 No
294	wkly_icuadmit Show the field ONLY if: [wkly_hospadmit] = '1'	At any point during your hospital stay, were you admitted to an intensive care unit (ICU) or ICU-level care if no ICU bed was available? wps_4709	yesno, Required  1 Yes  0 No
295	wkly_icu_int Show the field ONLY if: [wkly_icuadmit] = '1'	During your stay in the ICU or ICU-level care, if no ICU bed was available, were you ever intubated? wps_4641	yesno, Required  1 Yes  0 No
296	wkly_stopwrk_hholdquar  Show the field ONLY if: [wkly_stopwrk] = '1' and [basel ine_arm_1][baseline_live_with (1)] <> '0'	Because of your suspected or confirmed COVID-19 diagnosis, have any of your household members been quarantined, isolated, or been unable to work?  wps_3000	yesno 1 Yes 0 No
297	wkly_stopwrk_numhholdq Show the field ONLY if: [wkly_stopwrk_hholdquar] = '1' and [baseline_arm_1][basel ine_live_with(1)] <> '0'	How many household members, not including you? wps_4999	text (number)
298	wkly_covid_med	During the last week, not including today, have you taken any medications (prescribed or as part of a study protocol) specifically for the prevention or treatment of COVID-19? wps_2134	yesno, Required  1 Yes  0 No
299	wkly_covid_medtype Show the field ONLY if: [wkly_covid_med] = '1'	Which medication(s)? For those taking medications on a study protocol, please indicate the active ingredient of the study, even if you may be allocated to a placebo group [check all that apply]. wps_1337	checkbox, Required  1 wkly_covid_medtype1 Chloroquine 2 wkly_covid_medtype2 Hydroxychloroquine 3 wkly_covid_medtype3 Azithromycin 4 wkly_covid_medtype4 Ivermectin 5 wkly_covid_medtype5 Remdesivir 6 wkly_covid_medtype6 Zinc 7 wkly_covid_medtype7 Other
300	wkly_covid_medother  Show the field ONLY if: [wkly_covid_medtype(7)] = '1'	Please specify 'other'  wps_3843	text
301	wkly_site_det  Show the field ONLY if:  [screening_arm_1][work_site] = '4' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Section Header: COVID Exposures  Which of the following 2 sites did you work at the most in the last 1 week, not including today?  wps_3541	radio, Required  1 Detroit Receiving Hospital  2 Sinai-Grace Hospital  3 Equal time at both sites
302	wkly_site_ucla Show the field ONLY if: [screening_arm_1][work_site] = '12' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today? wps_7145	radio, Required  1 UCLA Olive View 2 UCLA Ronald Reagan 3 Equal time at both sites
303	wkly_site_mtsinai  Show the field ONLY if: [screening_arm_1][work_site] = '9' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today? wps_2018	radio, Required  1 Mount Sinai Hospital  2 Elmhurst Hospital Center  3 Equal time at both sites

304	wkly_site_washu  Show the field ONLY if: [screening_arm_1][work_site] = '20' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today?  wps_2032	radio, Required  1 Washington University  2 Barnes-Jewish Hospital  3 Equal time at both sites  Field Annotation: @HIDDEN-SURVEY
305	wkly_site_uab  Show the field ONLY if: [screening_arm_1][work_site] = '11' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today?  wps_4320	radio, Required  1 University of Alabama at Birmingham  2 Highlands  3 Equal time at both sites
306	wkly_site_thomjeff  Show the field ONLY if: [screening_arm_1][work_site] = '18' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today?  wps_2222	radio, Required  1 Jefferson Center City  2 Jefferson Methodist Hospital  3 Equal time at both sites
307	wkly_site_ucsf  Show the field ONLY if:  [screening_arm_1][work_site] = '13' and ([wkly_returnwork]< >'0' or [wkly_sx]='0') and ([wkly_stopwrk]='0')	Which of the following 2 sites did you work at the most in the last 1 week, not including today?  wps_2620	radio, Required  1 Zuckerberg San Francisco Medical Center  2 UCSF Medical Center (Parnassus campus)  3 Equal time at both sites
308	wkly_covidpts  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	How many suspected or confirmed COVID-19 patients did you personally care for in the last 1 week, not including today? wps_3754	radio, Required  0 0  1 1-5  2 6-10  3 More than 10
309	wkly_ptcare_exp Show the field ONLY if: [wkly_covidpts] = '1' or [wkly_c ovidpts] = '2' or [wkly_covidpt s] = '3'	Did you perform routine care within 6 feet of these patients without a surgical mask and gloves? wps_3290	yesno, Required  1 Yes  0 No
310	wkly_rncovid_int  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] = '6'	For how many patients with COVID-19 were you within 6 feet of during intubation in the last 1 week, not including today? wps_3772	text (number), Required
311	wkly_rncovid_cpr  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] = '6'	For how many patients with COVID-19 did you personally perform CPR (meaning e.g., doing chest compressions for cardiac arrest) in the last 1 week, not including today? wps_1751	text (number), Required
312	wkly_rncovid_rmcpr  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_iob] = '6'	For how many patients with COVID-19 were you within 6 feet of during CPR in the last 1 week, not including today? wps_2248	text (number), Required

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		wkly_int  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and ([screening_arm_1] [primary_job] = '1' or [screeni ng_arm_1][primary_job] = '2' o r [screening_arm_1][primary_j ob] = '3' or [screening_arm_1] [primary_job] = '4' or [screeni ng_arm_1][primary_job] = '5')	Have you performed any intubations in the last 1 week, not including today?  wps_1290	yesno, Required  1 Yes  0 No
	314	wkly_int_outside_ed Show the field ONLY if: [wkly_int]=1	How many of your intubations occurred outside of the study ED? (e.g., hospital inpatients, other ED) wps_5015	text (number), Required
	315	wkly_phys_highriskrecord Show the field ONLY if: [wkly_int] = '1'	Have all of your ED intubations been recorded on appropriate project forms for the last 1 week, not including today? wps_4274	radio, Required  1 Yes  0 No (please record those event(s) now)
	316	wkly_covid_aerosol Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	Were you within 6 feet for any other aerosol-generating procedures (not recorded as intubations or CPR) for patients with COVID-19 this week? Commonly performed medical procedures that are often considered aerosol-generating procedures, or that create uncontrolled respiratory secretions, include: open suctioning of airways sputum induction non-invasive ventilation (e.g., BiPAP, CPAP) bronchoscopy manual ventilation wps_1740	yesno, Required  1 Yes  0 No
	317	wkly_covid_aerosolproc Show the field ONLY if: [wkly_covid_aerosol] = '1'	Which procedures? wps_1478	checkbox, Required  1 wkly_covid_aerosolproc1 Open suctioning of airways  2 wkly_covid_aerosolproc2 Sputum induction  5 wkly_covid_aerosolproc5 Noninvasive ventilation (e.g., BiPap, CPAP)  6 wkly_covid_aerosolproc6 Bronchoscopy  7 wkly_covid_aerosolproc7 Manual ventilation  8 wkly_covid_aerosolproc8 Other
		wkly_covid_aerosolother Show the field ONLY if: [wkly_covid_aerosolproc(8)] = '1'	Please specify 'other'  wps_4960	text
	319	wkly_aerosol_exp Show the field ONLY if: [wkly_covid_aerosol] = '1'	Were you present for any of these procedures without wearing all of the following: an N-95 mask/respirator or PAPR, gown, and gloves?  wps_1420	yesno, Required  1 Yes  0 No
		wkly_clinhrs  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	How many clinical hours did you work in the Project COVERED(s) ED this last 1 week, not including today?  wps_1288	text (number, Min: 1, Max: 168), Required
		wkly_nonclinhrs  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] = '7'	How many hours did you work in the Project COVERED ED this last 1 week, not including today? wps_1289	text (number, Min: 1, Max: 100), Required

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	wkly_shifts  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	How many shifts did you work in the Project COVERED(s) ED this last 1 week, not including today? wps_2305	text (number), Required		
323	wkly_ed_outside  Show the field ONLY if:  ([baseline_arm_1][other_empl oy_hlthcare]='1') and ([wkly_s x] = '0' or [wkly_returnwork]< >'0') and [wkly_stopwrk] = '0'	In the last 1 week, not including today, how many hours have you worked in an emergency department outside a Project COVERED site?If you have not worked in another emergency department, please enter '0'.  wps_9999	text (number, Min: 0, Max: 168), Required		
324	wkly_ed_outside_2 Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0'	In the last 1 week, not including today, how many hours have you worked providing clinical care in your Project COVERED hospital outside the ED (e.g., staffing intensive care unit, other inpatient services, or clinics). If you have not worked outside the ED, please enter '0'.  wps_9998	text (number, Min: 0, Max: 168), Required		
325	wkly_fatigue Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	Based on your current work schedule, how fatigued (physically, mentally or emotionally) do you feel while you are at work? wps_2537	radio  0 Not at all  1 A little  2 Somewhat  3 A lot  4 Very fatigued		
326	wkly_ppecomfort  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	Section Header: Use of personal protective equipment (PPE)  Over the last 1 week, not including today, rate your comfort with being able to safely use recommended PPE without contaminating yourself.  wps_2025	radio  1 Very comfortable  2 Somewhat comfortable  3 Somewhat uncomfortable  4 Very uncomfortable		
327	wkly_ppeprotocol  Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	Over the last 1 week, not including today, rate your confidence in your facility's PPE protocol: wps_3722	radio, Required  1 I am confident that our PPE protocol will keep me completely safe.  2 I think my facility's protocol puts me at risk and that I should use PPE more often that required by protocol.  3 I think my facility's PPE protocol is too restrictive, and I feel that I can safely practice without wearing PPE every time that it is required by my institution's protocol.  4 I am unsure about the safety of our PPE protocol and feel neither safe or unsafe.		
328	wkly_insuff_ppe  Show the field ONLY if:  ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1] [primary_job] <> '7'	In the last 1 week, not including today, has your ED had sufficient PPE for clinical use?  wps_1969	yesno, Required  1 Yes  0 No		

329	wkly_insuff_ppe_items	Please check all of the following that have run out:	checkbox, Required			
	Show the field ONLY if: [wkly_insuff_ppe] = '0'	wps_4494	2	wkly_insuff_ppe_items2	Reusable face shields	
			3	wkly_insuff_ppe_items3	Disposable face- shields (single use)	
			4	wkly_insuff_ppe_items4	Safety glasses/goggles	
			5	wkly_insuff_ppe_items5	Surgical masks	
			6	wkly_insuff_ppe_items6	Reusable fabric masks	
			7	wkly_insuff_ppe_items7	N-95 masks/respirators	
			16	wkly_insuff_ppe_items16	Elastomeric respirators	
			8	wkly_insuff_ppe_items8	Powered air- purifying respirator (PAPR, CAPR, etc.)	
			9	wkly_insuff_ppe_items9	Disposable surgical hat	
			10	wkly_insuff_ppe_items10	Reusable surgical hat	
			11	wkly_insuff_ppe_items11	Standard disposable isolation gown	
			17	wkly_insuff_ppe_items17	Reusable/washable isolation gown	
			12	wkly_insuff_ppe_items12	Full-body impermeable suit	
			13	wkly_insuff_ppe_items13	Gloves	
			15	wkly_insuff_ppe_items15	Foot coverings	
330	wkly_routineppe	Has your routine PPE use changed in the last 1 week, not	yesr	o, Required		
	Show the field ONLY if: ([wkly_sx] = '0' or [wkly_return work]<>'0') and [wkly_stopwr k] = '0' and [screening_arm_1]	including today? wps_2534	0	Yes No		
	[primary_job] <> '7'					

331	wkly_ppe_nonptcare	When you are in your ED but not providing patient care (e.g.,	chec	kbox, Required	
	Show the field ONLY if: [wkly_routineppe] = '1'	charting, making telephone calls, etc.), what personal precautions are you currently using [check all that apply]? wps_4943	1	wkly_ppe_nonptcare1	Standard precautions (handwashing, distancing from patients)
			2	wkly_ppe_nonptcare2	Reusable face shields
			3	wkly_ppe_nonptcare3	Disposable face- shields (single use)
			4	wkly_ppe_nonptcare4	Safety glasses/goggles
			5	wkly_ppe_nonptcare5	Surgical masks
			6	wkly_ppe_nonptcare6	Reusable fabric masks
			7	wkly_ppe_nonptcare7	N-95 masks/respirators
			16	wkly_ppe_nonptcare16	Elastomeric respirators
			8	wkly_ppe_nonptcare8	Powered air- purifying respirator systems (PAPR, CAPR, etc.)
			9	wkly_ppe_nonptcare9	Disposable surgical hat
			10	wkly_ppe_nonptcare10	Reusable surgical hat
			11	wkly_ppe_nonptcare11	Standard disposable isolation gown
			17	wkly_ppe_nonptcare17	Reusable/washable isolation gown
			12	wkly_ppe_nonptcare12	Full-body impermeable suit
			13	wkly_ppe_nonptcare13	Gloves
			14	wkly_ppe_nonptcare14	Double gloves
			15	wkly_ppe_nonptcare15	Foot coverings
			0	wkly_ppe_nonptcare0	None of the above
			Field	d Annotation: @NONEOFTHE	ABOVE = '0'

332	wkly_ppe_noncovid	When you are providing direct patient care in non-COVID-19	ched	kbox, Required	
	Show the field ONLY if: [wkly_routineppe] = '1'	suspected patients, what precautions are you currently using [check all that apply]?  wps_4974	1	wkly_ppe_noncovid1	Standard precautions (handwashing, distancing from patients)
			2	wkly_ppe_noncovid2	Reusable face shields
			3	wkly_ppe_noncovid3	Disposable face- shields (single use)
			4	wkly_ppe_noncovid4	Safety glasses/goggles
			5	wkly_ppe_noncovid5	Surgical masks
			6	wkly_ppe_noncovid6	Reusable fabric masks
			7	wkly_ppe_noncovid7	N-95 masks/respirators
			16	wkly_ppe_noncovid16	Elastomeric respirators
			8	wkly_ppe_noncovid8	Powered air-purifying respirator systems (PAPR, CAPR, etc.)
			9	wkly_ppe_noncovid9	Disposable surgical hat
			10	wkly_ppe_noncovid10	Reusable surgical hat
			11	wkly_ppe_noncovid11	Standard disposable isolation gown
			17	wkly_ppe_noncovid17	Reusable/washable isolation gown
			12	wkly_ppe_noncovid12	Full-body impermeable suit
			13	wkly_ppe_noncovid13	Gloves
			14	wkly_ppe_noncovid14	Double gloves
			15	wkly_ppe_noncovid15	Foot coverings
			0	wkly_ppe_noncovid0	None of the above
			Field	d Annotation: @NONEOFTH	EABOVE = '0'

333	wkly_ppe_covid	When you are providing direct patient care in your ED for	che	kbox, Required	
	Show the field ONLY if: [wkly_routineppe] = '1'  COVID-19 suspected or confirmed patients, what precautions are you currently using [check all that apply]?  wps_2975	1	wkly_ppe_covid1	Standard precautions (handwashing, distancing from patients)	
			2	wkly_ppe_covid2	Reusable face shields
			3	wkly_ppe_covid3	Disposable face-shields (single use)
			4	wkly_ppe_covid4	Safety glasses/goggles
			5	wkly_ppe_covid5	Surgical masks
			6	wkly_ppe_covid6	Reusable fabric masks
			7	wkly_ppe_covid7	N-95 masks/respirators
			16	wkly_ppe_covid16	Elastomeric respirators
			8	wkly_ppe_covid8	Powered air-purifying respirator systems (PAPR, CAPR)
			9	wkly_ppe_covid9	Disposable surgical hat
			10	wkly_ppe_covid10	Reusable surgical hat
			11	wkly_ppe_covid11	Standard disposable isolation gown
			17	wkly_ppe_covid17	Reusable/washable isolation gown
			12	wkly_ppe_covid12	Full-body impermeable suit
			13	wkly_ppe_covid13	Gloves
			14	wkly_ppe_covid14	Double gloves
			15	wkly_ppe_covid15	Foot coverings

334	wkly_ppe_aerosol_covid	When you are performing or within 6 feet of an aerosol-	checkbox, Required			
	Show the field ONLY if: [wkly_routineppe] = '1'	generating procedure (intubation, CPR, etc.) for a confirmed or suspected COVID-19 patient, what precautions are you currently using [check all that apply]?  wps_4450	1	wkly_ppe_aerosol_covid1	Standard precautions (handwashing, distancing from patients)	
			2	wkly_ppe_aerosol_covid2	Reusable face shields	
			3	wkly_ppe_aerosol_covid3	Disposable face- shields (single use)	
			4	wkly_ppe_aerosol_covid4	Safety glasses/goggles	
			5	wkly_ppe_aerosol_covid5	Surgical masks	
			6	wkly_ppe_aerosol_covid6	Reusable fabric masks	
			7	wkly_ppe_aerosol_covid7	N-95 masks/respirators	
			16	wkly_ppe_aerosol_covid16	Elastomeric respirators	
			8	wkly_ppe_aerosol_covid8	Powered air- purifying respirator systems (PAPR, CAPR)	
			9	wkly_ppe_aerosol_covid9	Disposable surgical hat	
			10	wkly_ppe_aerosol_covid10	Reusable surgical hat	
			11	wkly_ppe_aerosol_covid11	Standard disposable isolation gown	
			17	wkly_ppe_aerosol_covid17	Reusable/washable isolation gown	
			12	wkly_ppe_aerosol_covid12	Full-body impermeable suit	
			13	wkly_ppe_aerosol_covid13	Gloves	
			14	wkly_ppe_aerosol_covid14	Double gloves	
			15	wkly_ppe_aerosol_covid15	Foot coverings	
335	wkly_scenario1	Consider the following scenario: You care for a 65-year old	radi	o, Required	1	
	Show the field ONLY if: [wkly_routineppe] = '1'	patient with shortness of breath and orthopnea thought to be related to heart failure. Vital signs show oxygen saturation of 90% and respiratory rate of 28. After your initial assessment,	1	I am using the same PPE for the do not remove it.	e entire shift and	
		how do you decontaminate yourself when you leave the patient's room?		I am removing all my PPE betwe replacing PPE before the next p		
		wps_2221		I am removing some of my PPE but reusing some of my PPE (m		
336	wkly_hh_btwnpts	In the last 1 week, not including today, how are you performing	radi	o, Required		
	Show the field ONLY if:	hand hygiene between patients that you have touched? wps_3700	1	Soap and water after I leave eve	ery patient	
	[wkly_routineppe] = '1'		2	Alcohol-based hand sanitizer af patient	ter I leave every	
				Soap and water only if my hand soiled, otherwise alcohol-based		
				Hand hygiene (handwashing or sometimes based on degree of		
			6	Change gloves but do not wash alcohol sanitizer	my hands or use	
				I don't have the resources to pe hygiene between every patient running out of supplies.		

337	wkly_decontaminate	After your clinical shifts over the last 1 week, not including	checkbox, Required		
	Show the field ONLY if: [wkly_routineppe] = '1'	today, how are you decontaminating? [check all that apply] wps_4427	1	wkly_decontaminate	1 Wash my hands with soap and water before I leave my place of employment
			2	wkly_decontaminate	2 Change out of my work clothing before I leave my place of employment
			3	wkly_decontaminate	3 Shower before I leave my place of employment
			4	wkly_decontaminate	4 Take my work clothing off prior to walking into my home so that it can be immediately washed
			5	wkly_decontaminate	5 Shower immediately when I get home
			6	wkly_decontaminate	6 I am staying at the hospital because of my risk of infecting my family/roommates(s)
			7	wkly_decontaminate	7 I am staying someplace other than home and other than the hospital because of the risk of infecting my family/roommate(s)
			8	wkly_decontaminate	
338	wkly_decontaminate_oth Show the field ONLY if: [wkly_decontaminate(8)]=1	Please specify other wps_7435	text	:	
339	wkly_reusing_ppe Show the field ONLY if: [wkly_routineppe] = '1'	Is your ED currently reusing disposable personal protective equipment that you would not have been reusing prior to the COVID-19 outbreak?  wps_2078		no, Required Yes No	
340	wkly_reuse_ppe	Please check all of the following that you are reusing:	che	ckbox, Required	
	Show the field ONLY if: [wkly_reusing_ppe] = '1'	wps_4228	3	wkly_reuse_ppe3	Disposable face-shields (single use)
			4	wkly_reuse_ppe4	Safety glasses/goggles
			5	wkly_reuse_ppe5	Surgical masks
			7	wkly_reuse_ppe7	N-95 masks/respirators
			8	wkly_reuse_ppe16 wkly_reuse_ppe8	Elastomeric respirators Face shield/hood/shroud
			0	wkiy_reuse_ppeo	for powered air-purifying respirator systems(PAPR, CAPR, etc.)
			11	wkly_reuse_ppe11	Standard disposable isolation gown
			12	wkly_reuse_ppe12	Full-body impermeable suit
			13	wkly_reuse_ppe13	Gloves
			15	wkly_reuse_ppe15	Foot coverings
341	wkly_endotrach_int_photo Show the field ONLY if: [wkly_routineppe] = '1'	Please refer to this photo when answering the next question.	des	criptive	

342	wkly_endotrach_int	For endotracheal intubations in the last week, not including	che	eckbox, Required	
	Show the field ONLY if: [wkly_routineppe] = '1'	today, which of the following (if any) is your ED using [check all that apply]?  wps_2796	1	wkly_endotrach_int1	Negative pressure rooms
		WP3_2730	2	wkly_endotrach_int2	Video laryngoscopy
			3	wkly_endotrach_int3	Intubation barrier protection (e.g., intubating boxes , intubating bags, etc.)
			4	wkly_endotrach_int4	Intubation barrier protection with integrated suction (e.g., intubating boxes connected to suction; negative pressure hood)
			5	wkly_endotrach_int5	Intubation response teams (with dedicated staff)
			6	wkly_endotrach_int6	Intubation through a supraglottic device (e.g., intubating LMA, etc.)
			7	wkly_endotrach_int7	Other
			0	wkly_endotrach_int0	None of these
			Fie	ld Annotation: @NONEOR	THEABOVE = '0'
343	wkly_other_endotrachint  Show the field ONLY if:	Please specify 'other'  wps_3524	tex	t	
344	[wkly_endotrach_int(7)] = '1' wkly_sleep_home	Section Header: Living situation	tov	t (number, Max: 7), Requi	red
344	wkiy_sieep_nome	In the last 1 week, not including today, how many nights did you sleep at home? If working night shifts, please consider postnight shift sleep as the "night" for this question.  wps_1640	tex	c(number, wax. 7), requi	red
345	wkly_where_sleep	If you did not go home, where did you stay?	rad	lio	
	Show the field ONLY if:	wps_4815	1	Hospital	
	[wkly_sleep_home] <>" and [w kly_sleep_home] < '7'		2	Hotel	
	,- ,		3	Friend's House	
			4	Other	
346	wkly_sleep_other	Please specify 'other'  wps_3372	tex	t	
	Show the field ONLY if: [wkly_where_sleep] = '4'	wμs_33/2			
347	wkly_home_iso	While at home, did you isolate yourself from others in your	yes	no, Required	
	Show the field ONLY if: [baseline_arm_1][baseline_live _with(1)] <> '0'	household? wps_2018	0	Yes No	
348	wkly_living_change	Has your living situation changed in the last week, not including today?  wps_1618	yes 1 0	rno, Required Yes No	

349	wkly_live_with	I currently live with [check all that apply]	checkbox, Required
	Show the field ONLY if:	wps_4026	0 wkly_live_with0 No one (I live alone)
	[wkly_living_change] = '1'		1 wkly_live_with1 Spouse or significant other
			2 wkly_live_with2 Roommate(s)
			3 wkly_live_with3 Children
			4 wkly_live_with4 Parents, grandparents,
			aunts, uncles, or other family
			not including a spouse/significant other
			and/or children
			Field Annotation: @NONEOFTHEABOVE = '0'
350	wkly_housing	I currently live in:	radio, Required
	Show the field ONLY if:	wps_3549	1 Single family home
	[wkly_living_change] = '1'		2 Multi-unit housing, owned
			3 Multi-unit housing, rented
351	weekly_hhold_size	How many total people, including you, live at this residence? If	text (number, Min: 1, Max: 15), Required
	Show the field ONLY if:	you live in a multi-unit housing, do not include the total number of people in your complex.	
	[wkly_living_change] = '1' and [wkly_live_with(0)] <> '1'	wps_2117	
352	wkly_hhold_covidsx	Has anyone with whom you live, not including yourself, had	yesno, Required
	Show the field ONLY if:	symptoms consistent with COVID-19 or believe they have been	1 Yes
	[wkly_live_with(0)] <>'1'	infected with COVID-19 in the last 1 week, not including today? wps_2787	0 No
353	wkly_hhold_sxstart	What date did symptoms start (M-D-Y)?  wps_1841	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15) Field Annotation: @HIDEBUTTON
	Show the field ONLY if: [wkly_hhold_covidsx] = '1'	190	Tied Amotadon. @TIDEBOTTON
354	wkly_hhold_contact	Did you have close personal contact (defined as sharing a	yesno, Required
	Show the field ONLY if:	bedroom or using a common area) with this person during the time he/she had symptoms?	1 Yes
	([wkly_sx] = '0') and ([wkly_hho ld_covidsx]='1') and [wkly_live_	wps_1776	0 No
	with(0)] <> '1'		
355	wkly_hhold_covidtest	Did that person have a COVID-19 test?	yesno, Required
	Show the field ONLY if:	wps_3161	1 Yes
	[wkly_hhold_contact] = '1' or [wkly_hhold_covidsx]='1'		O No
356	wkly_hhold_covidpos	Was the COVID-19 test positive? (if multiple people were test for	yesno, Required
	Show the field ONLY if:	COVID-19, please respond YES if ANY of the tests were positive) wps_1864	1 Yes
	[wkly_hhold_covidtest] = '1'		0 No
357	wkly_quar_request	I have personally been quarantined within the last 1 week by request of a public health authority because of an exposure or	yesno
	Show the field ONLY if:	potential exposure to COVID-19.	1 Yes
	[wkly_sx] = '0' or [wkly_stopwr k] <> '1'	wps_1316	0 No
358	wkly_contact_simsx	Have you had any known contact with other friends or	radio
		community members who had a respiratory illness consistent with the symptoms of COVID-19 in the last week, not including	1 Yes
		today?	0 No
359	wkly_gathering	wps_2589  Have you attended any mass gathering (e.g., religious event,	yesno
333	wwy_sucremis	wedding, party, dance, concert, banquet, festival, sports event,	1 Yes
		professional meeting, or other event) in the last week, not	0 No
		including today? wps_4453	[ <del>- [</del> ]
360	wkly_publictrans	In the last week, not including today, have you used any public	yesno
		transportations (bus, train, airplane)? wps_4603	1 Yes
		11,752	0 No

J/2020	20 Project Covered   RedCap				
361	wkly_publictrans_crowd Show the field ONLY if:	Did you travel when it was crowded (e.g., crowded for this question means you were unable to maintain at least 6 feet	yesno 1 Yes		
	[wkly_publictrans] = '1'	between you and other passengers)? wps_2491	0 No		
362	wkly_wearmask	Outside of work while in public, how often do you currently wear face masks or face coverings to cover your mouth and nose?  wps_4208	radio  1 Always 2 Sometimes 3 Rarely 4 Never		
363	wkly_contact_change	Section Header: Contact Information	checkbox, Required		
		Have you had any changes in your contact information in the last week? [check all that apply]	0 wkly_contact_change0 No		
		wps_2280	1 wkly_contact_change1 Yes, my e-mail has changed		
			2 wkly_contact_change2 Yes, my phone number has changed		
			3 wkly_contact_change3 Yes, my mailing address has changed		
			Field Annotation: @NONEOFTHEABOVE = '0'		
364	wkly_updated_email Show the field ONLY if: [wkly_contact_change(1)] = '1'	Please provide your updated e-mail address: wps_1886	text (email), Required		
365	wkly_updated_phone  Show the field ONLY if: [wkly_contact_change(2)] = '1'	Please provide your updated phone number: wps_1712	text (phone), Required		
366	wkly_streetaddress_update	Please provide your updated street address (include apt/unit#	text, Required		
	Show the field ONLY if: [wkly_contact_change(3)] = '1'	as applicable). wps_2042			
367	wkly_cityaddress_update	Please provide your city.	text, Required		
	Show the field ONLY if: [wkly_contact_change(3)] = '1'	wps_5063			
368	wkly_stateaddress_update	Please provide your state.  wps_5104	dropdown, Required		
	Show the field ONLY if: [wkly_contact_change(3)] = '1'	WP3_2104	AL Alabama		
	[wkiy_contact_change(3)] = 1		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 lowa		
			KS Kansas		
			KY Kentucky		
			LA Louisiana		
			ME Maine		
			MD Maryland		

	Show the field ONLY if: [baseline_facility_arm_2][fac_s		
373		Hospital Facility: Sinai-Grace Hospital	descriptive
372	det Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_det]=1	Hospital Facility: Detroit Receiving Hospital	descriptive
371	dag_label .	Site: [record-dag-label]	descriptive
	ument: Weekly Facility Sur		
Inst	umant: Waakly Eacility Sur	NOV (wookh facility curvey)	^ Collapse
			2 Complete
			1 Unverified
5/0	mplete	Complete?	0 Incomplete
370	[wkly_contact_change(3)] = '1' weekly_participant_survey_co	Section Header: Form Status	dropdown
	Show the field ONLY if:	wps_5194	
369	wkly_zipaddress_update	Please provide your zip code.	text (zipcode), Required
			WY Wyoming
			WI Wisconsin
			WV West Virginia
			WA Washington
			VA Virginia
			VT Vermont
			UT Utah
			TX Texas
			SD South Dakota  TN Tennessee
			SC South Carolina
			RI Rhode Island
			PA Pennsylvania
			OR Oregon
			OK Oklahoma
			OH Ohio
			ND North Dakota
			NC North Carolina
			NY New York
			NM New Mexico
			NJ New Jersey
			NH New Hampshire
			NV Nevada
			NE Nebraska
			MT Montana
			MO Missouri
			MS Mississippi
			MN Minnesota
			MI Michigan
			MA Massachusetts

			I
374	ucla_ov	Hospital Facility: UCLA Olive View	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_ucla]=1		
375	ucla_rr	Hospital Facility: UCLA Ronald Reagan	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_ucla]=2		
376	mtsin	Hospital Facility: Mount Sinai Hospital	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_mtsinai]=1		
377	mtsin_2	Hospital Facility: Elmhurst Hospital Center	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_mtsinai]=2		
378	washu	Hospital Facility: Washington University/Barnes-Jewish Hospital	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_washu]=1		
379	washu_2	Hospital Facility: Barnes-Jewish Hospital	descriptive Field Annotation: @HIDDEN-FORM
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_washu]=2		THEIR AIMORATOR. WINDDLIN-I OKWI
380	uab	Hospital Facility: University of Alabama at Birmingham	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_uab]=1		
381	uab_2	Hospital Facility: Highlands	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_uab]=2		
382	thomjeff	Hospital Facility: Jefferson Center City	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_thomjeff]=1		
383	thomjeff_2	Hospital Facility: Jefferson Methodist Hospital	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_thomjeff]=2		
384	ucsf	Hospital Facility: Zuckerberg San Francisco Medical	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_ucsf]=1		
385	ucsf_2	Hospital Facility: UCSF Medical Center (Parnassus campus)	descriptive
	Show the field ONLY if: [baseline_facility_arm_2][fac_s ite_ucsf]=2		
386	wkly_fac_det	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if: [screening_arm_1][work_site] = '4'	wfs_1998	Detroit Receiving Hospital     Sinai-Grace Hospital
387	wkly_fac_ucla	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if: [screening_arm_1][work_site] = '12'	wfs_2005	1 UCLA Olive View 2 UCLA Ronald Reagan

388	wkly_fac_mtsinai	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if: [screening_arm_1][work_site]	wfs_1854	1 Mount Sinai Hospital
	= '9'		2 Elmhurst Hospital Center
389	wkly_fac_washu	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	wfs_2022	1 Washington University
	[screening_arm_1][work_site] = '20'		2 Barnes-Jewish Hospital
			Field Annotation: @HIDDEN-FORM
390	wkly_fac_uab	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	wfs_3521	1 University of Alabama at Birmingham
	[screening_arm_1][work_site] = '11'		2 Highlands
391	wkly_fac_thomjeff	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	wfs_3333	1 Jefferson Center City
	[screening_arm_1][work_site] = '18'		2 Jefferson Methodist Hospital
392	wkly_fac_ucsf	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	wfs_1817	1 Zuckerberg San Francisco Medical Center
	[screening_arm_1][work_site] = '13'		2 Jefferson Methodist Hospital
393	wkly_fac_covidpos	Section Header: Please complete this form with information from the past calendar week - midnight Sunday through 23:59 Saturday	text (number), Required
		How many total COVID-19 positive patients, confirmed by a PCR	
		test, have been treated in your ED in the last 1 week, not including today?	
		wfs_3899	
394	wkly_fac_covidpos_int	How many COVID-19 positive intubations occurred in your ED in the last 1 week, not including today? wfs_1359	text (number), Required
395	wkly_fac_covidpos_card	How many COVID-19 positive cardiac arrest patients were	text (number), Required
		managed in your ED in the last 1 week, not including today? wfs_4520	
396	wkly_fac_covidpos_adm	How many cases of COVID-19 were admitted to the hospital	text (number), Required
		(whether in the ED or outside) in the last 1 week, not including today?	
207	and the Common teller and	w/s_3671	And (comba) Demind
397	wkly_fac_covidhosp	In your hospital, how many COVID-19 patients were hospitalized on Monday of this week?	text (number), Required
		wfs_2409	
398	wkly_fac_aggreg_covid	Section Header: Please indicate the number of ED personnel in each group that have been diagnosed with COVID-19 in the last 1 week, including today.	text
		If you are unable to obtain the numbers via category, please report the total number of ALL ED personnel that have been	
		diagnosed with COVID-19 in the last 1 week, including today. If	
		unable to obtain the aggregate number, please enter '999'. wfs_6575	
399	wkly_fac_attend_covid	Attending physicians wfs_3126	text (number)
400	wkly_fac_res_covid	Resident physicians wfs_4626	text (number)
401	wkly_fac_advprac_covid	Advanced practice providers wfs_4397	text (number)
402	wkly_fac_rn_covid	Nurses wfs_1790	text (number)
403	wkly_fac_na_covid	Nursing aides/paramedics wfs_4421	text (number)
404	wkly_fac_pharm_covid	ED pharmacists wfs_4057	text (number)
405	wkly_fac_nonclin_covid	Non-clinical staff (i.e., clerks, case managers, social workers, finance, etc.)  wfs_1179	text (number)

406	wkly_fac_attend_hrs	Section Header: How many total hours in each category were worked by all providers in a category in the last 1 week, including today? (e.g., if the ED has a single physician covering 24-hours daily, this response would be 168 hours; if there were 2 physicians covering 12-hours during the day and only one covering 12-hours at night, this response would be 252 hours)  Attending physicians  wfs_4301	text (number), Required
407	wkly_fac_res_hrs	Resident physicians  wfs_3982	text (number), Required
408	wkly_fac_advprac_hrs	Advanced practice providers wfs_2900	text (number), Required
409	wkly_fac_rn_hrs	Nurses wfs_1735	text (number), Required
410	wkly_fac_na_hrs	Nursing aides/paramedics wfs_3990	text (number), Required
411	wkly_fac_pharm_hrs	ED pharmacists wfs_4709	text (number), Required
412	wkly_fac_nonclin_hrs	Non-clinical staff (i.e., clerks, case managers, social workers, finance, etc.) wfs_1279	text (number), Required
413	weekly_facility_survey_comple te	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: Intubation/Cardia	<b>CArrest Form</b> (intubationcardiac_arrest_form)	as survey ^ Collapse
414	int_form_comp	Section Header: The purpose of this form is to collect event specific information about each intubation that is performed. Please answer all questions as completely as you can. This form does include some PHI. This data will be maintained in a secure database that is only accessible to your site personnel and analysts at the University of Iowa. If you have questions or concerns about any of the questions you were asked, please contact the COVERED study team at EmergencyIDNet-Covered@uiowa.edu.  Intubation compensation	calc Calculation: if([screening_arm_1][primary_job] < 6, 10, 0) Field Annotation: @HIDDEN
415	int_form_name	Form name	text
			Field Annotation: @DEFAULT ='intubation or cardiac arrest form' @HIDDEN
416	ica_det Show the field ONLY if: [screening_arm_1][work_site] = '4'	Please indicate at which site this event occurred: ica_6258	radio, Required  1 Detroit Receiving Hospital  2 Sinai-Grace Hospital
417	ica_ucla Show the field ONLY if:	Please indicate at which site this event occurred: ica_6057	radio, Required  1 UCLA Olive View
	[screening_arm_1][work_site] = '12'		2 UCLA Ronald Reagan
418	ica_mtsinai Show the field ONLY if: [screening_arm_1][work_site]	Please indicate at which site this event occurred: ica_6125	radio, Required  1 Mount Sinai Hospital  2 Elmhurst Hospital Center
419	= '9' ica_washu Show the field ONLY if: [screening_arm_1][work_site] = '20'	Please indicate at which site this event occurred: ica_6375	radio, Required  1 Washington University 2 Barnes-Jewish Hospital  Field Annotation: @HIDDEN-SURVEY @HIDDEN-FORM
420	ica_uab  Show the field ONLY if: [screening_arm_1][work_site] = '11'	Please indicate at which site this event occurred: ica_6005	radio, Required  1 University of Alabama at Birmingham  2 Highlands
421	ica_thomjeff  Show the field ONLY if: [screening_arm_1][work_site] = '18'	Please indicate at which site this event occurred: ica_6132	radio, Required  1 Jefferson Center City 2 Jefferson Methodist Hospital

422	ica_det_2 Show the field ONLY if: [screening_arm_1][work_site] = '13'	Please indicate at which site this event occurred: ica_6236	radio, Required  1 Zuckerberg San Francisco Medical Center  2 Jefferson Methodist Hospital
423	int_form_comp_date	Date intubation form completed	text (date_mdy) Field Annotation: @TODAY @HIDDEN
424	int_form_date	What was the date of the intubation or cardiac arrest event? ica_2429	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15), Required
425	int_form_mrn	Patient medical record number ica_4787	text, Required, Identifier
426	int_form_mrn_verify	Please verify the patient's medical record number ica_4787	text, Required, Identifier
427	int_form_mrn_verifymsg  Show the field ONLY if: [int_form_mrn_verify]<>" and ([int_form_mrn] <> [int_form_ mrn_verify])	The patient's medical record numbers do not match. Please verify that you have entered the correct information in both fields.	descriptive
428	int_form_pt_last_name	Patient last name ica_2726	text, Required
429	int_form_event_type	What type of event occurred? ica_2411	radio, Required  1 Only endotracheal intubation in the ED  2 Only cardiac arrest (without intubation in the ED)  3 Both endotracheal intubation AND cardiac arrest in the ED
430	int_form_covid_result	Was this patient known to have COVID-19 at the time of the event? Ica_3714	radio, Required  1 Yes, positive test result  2 Unknown at the time of the event  3 No, negative test result
431	int_form_pt_symp_start Show the field ONLY if: [int_form_covid_result]=1	When did the patient's symptoms start? ica_5500	text (date_mdy, Min: 2020-04-01, Max: 2021-04-15)
432	int_form_pt_symp  Show the field ONLY if: [int_form_covid_result]=1	Which of the following symptoms did the patient have at the time of ED evaluation (check all that apply)?  ica_8271	checkbox, Required  1 int_form_pt_symp1 Cough (dry)  2 int_form_pt_symp2 Cough (productive)  3 int_form_pt_symp3 Sore throat  4 int_form_pt_symp4 Runny nose  5 int_form_pt_symp5 Shortness of breath  6 int_form_pt_symp6 Fatigue  7 int_form_pt_symp7 Fever/chills (subjective)  8 int_form_pt_symp8 Fever (Over 100.4 deg F)  9 int_form_pt_symp9 Diarrhea  10 int_form_pt_symp10 Loss of smell or taste  11 int_form_pt_symp11 Unknown
433	int_form_num_covid_visits Show the field ONLY if: [int_form_covid_result]=1	How many prior health care visits did this patient have for COVID-19? ica_7163	text (number, Max: 10)
434	int_form_covid_unknown_wor ry Show the field ONLY if: [int_form_covid_result] = '2'	How worried were you (at the time of the event) that this patient had COVID-19? ica_3244	radio  1 I was convinced that this patient had COVID-19  2 I was pretty sure this patient had COVID-19  3 I was pretty sure this patient did NOT have COVID-19  4 I was convinced that this patient did NOT have COVID-19

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435	int_form_acuity	What was the acuity of this procedure?	rad	o, Required	
	Show the field ONLY if: [int_form_event_type] = '1' or	ica_3668		Elective (time to prepand with team, not u	pare and discuss with family rgent)
	[int_form_event_type] = '3'				me to prepare or discuss , urgent but not emergency)
					condition had deteriorated ergency intervention was
-	_				2)
436	int_form_primaryint	Were you the primary person performing the procedure? ica_7032		o, Required	
	Show the field ONLY if: [int_form_event_type] = '1' or		l <del>  </del>	I was the primary int	
	[int_form_event_type] = '3'			the intubator, but I d	
					intubation initially, but then mpting intubation myself
437	int_form_ppe	What PPE did you use while you were in the room? Please check	che	ckbox, Required	
		all that apply. ica_1189	1	int_form_ppe1	Standard precautions only (handwashing, distancing from patients)
			2	int_form_ppe2	Reusable face shields
			3	int_form_ppe3	Disposable face-shields (single use)
			4	int_form_ppe4	Safety glasses/goggles
			5	int_form_ppe5	Surgical masks
			6	int_form_ppe6	Reusable fabric masks
			7	int_form_ppe7	N-95 masks/respirators
			16	int_form_ppe16	Elastomeric respirators
			8	int_form_ppe8	Powered positive-pressure air purification systems (PAPR, CAPR, etc.)
			9	int_form_ppe9	Disposable surgical hat
			10	int_form_ppe10	Reusable surgical hat
			11	int_form_ppe11	Standard disposable isolation gown
			17	int_form_ppe17	Reusable/washable isolation gown
			12	int_form_ppe12	Full-body impermeable suit
			13	int_form_ppe13	Gloves
			14	int_form_ppe14	Double gloves
			15	int_form_ppe15	Foot coverings
			0	int_form_ppe0	None of the above
			Fiel	d Annotation: @NONI	EOFTHEABOVE = '0'
438	int_form_fitted_n95	Did you use the style and size of N-95 mask/respirator that has		o, Required	
	Show the field ONLY if: [int_form_ppe(7)] = '1'	previously been shown to fit you?  ica_1581	1	Yes, I used the style t test.	hat fit me best during my fit
			2	No, I used a different	style.
439	int_form_ppe_conf	My confidence with my PPE during the event (confidence that I	rad	o, Required	
		was protected from infection transmission) was: ica_4335	1	Very high (I think I an	n safe)
			2	Moderately high	
			3	Moderately low	
			4	Very low (I think I hav	ve been contaminated)
440	int_other_tech_photo	Please refer to this photo when answering the next question.	des	criptive	<del></del>
	Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'				
	<u>r</u>	ı	ı		

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441	int_form_other_tech	personnel protection? [check all that apply] 'or	checkbox, Required
	Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'		1 int_form_other_tech1 Intubation barrier protection (e.g., intubating boxes, intubating bags, etc .)
			2 int_form_other_tech2 Intubation barrier protection with integrated suction (e.g., intubating boxes connected to suction; negative pressure hood)
			3 int_form_other_tech3 Dedicated intubation response team (with dedicated staff)
			4 int_form_other_tech4 Intubation through a supraglottic device (e.g., intubating LMA, etc.)
			5 int_form_other_tech5 Other
			0 int_form_other_tech0 None of these
			Field Annotation: @NONEOFTHEABOVE = '0'
442	int_form_addt_tech_oth	What additional techniques did you use for the protection of	notes
	Show the field ONLY if: [int_form_other_tech(5)] = '1'	health care personnel? ica_1475	
443	int_form_neg_press_rm	Did this event occur in a negative-pressure room? ica_1907	yesno, Required
			1 Yes
			0 No
444	int_form_dur	Estimate the total duration of time you were in the room? ica_4369	radio, Required
			1 0-15 minutes 2 16-30 minutes
			3 31-45 minutes
			4 Over 45 minutes
115	int form are been	Prior to the intubation attempt, which of the following were in	checkbox, Required
	<pre>int_form_pre_hosp Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'</pre>	place, either from the pre-hospital environment or placed in the ED? [check all that apply]  t_form_event_type] = '1' or	1 int_form_pre_hosp1 Prehospital supraglottic device (Intubating LMA, KingLT)
			2 int_form_pre_hosp2 High-flow nasal cannula (e.g., Optiflow, Vapotherm)
			3 int_form_pre_hosp3 CPAP/BiPap
			4 int_form_pre_hosp4 Nebulized medications (e.g., albuterol, ipratropium, etc.)
			0 int_form_pre_hosp0 None of the above
			Field Annotation: @NONEOFTHEABOVE=0
446	int_form_pred_diff	What was the predicted level of intubation difficulty?	radio
	Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'	ica_4323	1 Not expected to be difficult 2 Expected to be difficult
447	int_form_reason	What was the primary reason for intubation?	radio, Required
	Show the field ONLY if:	ica_4396	1 Acute hypoxemia
	[int_form_event_type] = '1' or [int_form_event_type] = '3'		2 Acute hypercapnia
	[orm_event_type] 5		3 Increased work of breathing
		I	III.I
			4 Mental status

448	int_form_reason_oth	Why was this patient intubated?	text
	Show the field ONLY if: [int_form_reason]=5	ica_2301	
449	int_form_pre_ox	What primary pre-oxygenation strategy was used?	radio, Required
	Show the field ONLY if:	ica_1575	1 Nasal cannula
	[int_form_event_type] = '1' or		2 Face mask
	[int_form_event_type] = '3'		3 High-flow nasal cannula (e.g., Optiflow, Vapotherm)
			4 CPAP/BiPap
			5 Bag-valve mask
			0 None
450	int_form_before_bag_valve	Was bag-valve-mask ventilation required at any point during the	yesno, Required
.50	Show the field ONLY if:	intubation attempt BEFORE the endotracheal tube was placed?	1 Yes
	[int_form_event_type] = '1' or	ica_4747	0 No
	[int_form_event_type] = '3'		
451	int_form_before_bv_photo	Please refer to this photo for the next question	descriptive
	Show the field ONLY if:		
	[int_form_before_bag_valve] = '1'		
452	int_form_bv_before_type	What type of bag did you use?	radio, Required
.52	Show the field ONLY if:	ica_2135	1 Self-inflating
	[int_form_before_bag_valve] =		2 Flow-inflating
	'1'		3 Unknown
453	int_form_first_atmpt_stg	What strategy was used for the first intubation attempt?	radio, Required
433		ica_1341	1 No sedation
	Show the field ONLY if: ([int_form_event_type] = '1' or		2 Rapid sequence induction (sedation and
	[int_form_event_type] = '3')		paralysis both)
			3 Sedation only (no paralysis given)
			4 Awake fiberoptic
			5 Awake intubation with direct or video
			laryngoscopy
454	int_form_eq_1st	Which equipment was used for the first attempt (please check one)?	radio, Required
	Show the field ONLY if: [int_form_event_type] = '1' or	ica_2260	1 Direct laryngoscopy
	[int_form_event_type] = '3'		2 Video laryngoscopy
			4 Supraglottic airway (intubating LMA, KingLT, etc.)
			5 Retrograde intubation
			6 Fiberoptic intubation
			7 Cricothyroidotomy
455	int_form_gum_bougie	Was the gum elastic bougie used for the first attempt?	yesno, Required
	Show the field ONLY if:	ica_9060	1 Yes
	[int_form_event_type] = '1' or [int_form_event_type] = '3'		0 No
456	int_form_pass_o2	Was passive nasal oxygenation (nasal cannula for oxygenation	yesno, Required
	Show the field ONLY if:	during the apneic period) used during the first intubation	1 Yes
	([int_form_event_type] = '1' or	attempt? ica_1234	0 No
	[int_form_event_type] = '3')		
457	int_form_nsl_oral_photo	Please refer to this photo when answering the next question	descriptive
	Show the field ONLY if:		
	[int_form_event_type] = '1' or [int_form_event_type] = '3'		

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458	int_form_nsl_orl_airway Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'	Was nasal or oral airway used during the intubation event?  ica_4144	radio, Required  1 Nasal only  2 Oral only  3 Nasal and oral  4 Neither	
459	int_form_success_1st  Show the field ONLY if: [int_form_event_type] = '1' or [int_form_event_type] = '3'	Was intubation successful on the first attempt?  ica_1181	yesno, Required  1 Yes  0 No	
460	<pre>int_form_induction Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3')</pre>	Which of the following medications were given for induction during any intubation attempt [check all that apply]? ica_1332	checkbox, Required  1 int_form_induction1 Propofol  2 int_form_induction2 Etomidate  3 int_form_induction3 Ketamine  4 int_form_induction4 Midazolam  5 int_form_induction5 Fentanyl  6 int_form_induction6 Other  0 int_form_induction0 None  Field Annotation: @NONEOFTHEABOVE = '0'	
461	int_form_induct_other  Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d ([int_form_first_atmpt_stg]= 2 or [int_form_first_atmpt_stg] =3) and [int_form_induction (6)] = '1'	What other medication(s) for induction, beyond what was listed above, were given for induction during any intubation attempt? ica_3963	text	
462	<pre>int_form_paralysis Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3')</pre>	Which of the following medications were given for paralysis during any intubation attempt [check all that apply]? ica_3456	checkbox, Required  1 int_form_paralysis1 Succinylcholine 2 int_form_paralysis2 Rocuronium 3 int_form_paralysis3 Vecuronium 4 int_form_paralysis4 Cisatracurium 0 int_form_paralysis0 None  Field Annotation: @NONEOFTHEABOVE = '0'	
463	int_form_eq_any Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_success_1st]='0'	What equipment was used for any attempt [check all that apply]: ica_1567	checkbox, Required  1 int_form_eq_any1 Direct laryngoscopy  2 int_form_eq_any2 Video laryngoscopy  3 int_form_eq_any3 Gum elastic bougie  4 int_form_eq_any4 Supraglottic airway (intubating LMA, KingLT, etc.)  5 int_form_eq_any5 Retrograde intubation  6 int_form_eq_any6 Fiberoptic intubation  7 int_form_eq_any7 Cricothyroidotomy	

464	int_form_compl	Which complications occurred during the intubation procedure	checkbox, Required
	Show the field ONLY if:	[check all that apply]? Cardiac arrest should only be selected for patients who were not in cardiac arrest at the time of the	1 int_form_compl1 Hypoxia (SpO2< 90%)
	[int_form_event_type] = '1' or [int_form_event_type] = '3' intubation, then developed cardiac arrest during or immediately after intubation.	2 int_form_compl2 Severe hypoxia (SpO2< 80%)	
		ica_2647	3 int_form_compl3 Hypotension (SBP< 90)
			4 int_form_compl4 Esophageal intubation
			5 int_form_compl5 Dental injury
			6 int_form_compl6 Cardiac arrest
			7 int_form_compl7 Failed airway (death without airway being placed)
			0 int_form_compl0 None
			Field Annotation: @NONEOFTHEABOVE = '0'
465	int_form_intub_succ_multi	Was intubation ultimately successful? ica_3887	yesno, Required
	Show the field ONLY if:	1.0_5007	1 Yes
	([int_form_event_type] = '1' or [int_form_event_type] = '3') an		0 No
	d [int_form_success_1st]='0'		
466	int_form_num_attpt	How many total attempts at intubation were required? (total attempts regardless of the number of providers attempting	text (number)
	Show the field ONLY if: ([int_form_event_type] = '1' or	intubation)	
	[int_form_event_type] = '3') an	ica_1201	
	d [int_form_success_1st]=0		
467	int_form_oral_suct	Was oral suctioning required at any point for clearance of secretions (could be before intubation, during intubation, or	yesno, Required
	Show the field ONLY if: ([int_form_event_type] = '1' or	immediately after intubation)?	1 Yes
	[int_form_event_type] = '3') an	ica_1847	0 No
	d ([int_form_pre_hosp(2)]='1' or [int_form_pre_hosp(3)]='1')		
468	int_form_diff_actual	How difficult was this intubation?	radio, Required
100	Show the field ONLY if:	ica_4449	1 Very easy
	[int_form_event_type] = '1' or		2 Somewhat easy
	[int_form_event_type] = '3'		3 Somewhat difficult
			4 Very difficult
469	int_form_manual_bv_after	Was manual bag-valve ventilation required AFTER the	yesno, Required
	Show the field ONLY if:	endotracheal tube was placed (before a mechanical ventilator was used)?	1 Yes
	[int_form_event_type] = '1' or	ica_4457	0 No
470	[int_form_event_type] = '3' int form by after photo 2	Please refer to this photo for the next question	descriptive
4,0	Show the field ONLY if:		3355parc
	([int_form_event_type] = '1' or		
	[int_form_event_type] = '3') an d [int_form_manual_bv_after]		
	='1'		
471	int_form_bv_after_type	What type of bag did you use?	radio, Required
	Show the field ONLY if:	ica_2134	1 Self-inflating
	([int_form_event_type] = '1' or [int_form_event_type] = '3') an		2 Flow-inflating
	d [int_form_manual_bv_after]		3 Unknown
470	='1'	Was a machanical ventileter used to ventilete this activity	veene Deguired
472	int_form_vent_ed	Was a mechanical ventilator used to ventilate this patient in the ED?	yesno, Required
	Show the field ONLY if: [int_form_event_type] = '1' or	ica_2152	0 No
	[int_form_event_type] = '3'		

473	int_form_vent_photo  Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_vent_ed]='1'	Please refer to this photo when answering the following question	descriptive
474	int_form_vent_type Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_vent_ed]='1'	What style of ventilator was it?  ica_2261	radio, Required  1 Single-limb transport ventilator  2 Dual-limb ICU ventilator (closed circuit)  3 Unknown
475	int_form_bv_filter_photos  Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_vent_ed]='1'	Please refer to this photo for the following question	descriptive
476	int_form_bv_filter_vent Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_vent_ed]='1'	Was a bacterial/viral filter connected to the endotracheal tube before any ventilation occurred? $ica\_4169$	radio, Required  1 Yes  0 No  2 Unknown
477	int_form_filter_ex_port  Show the field ONLY if: ([int_form_event_type] = '1' or [int_form_event_type] = '3') an d [int_form_vent_ed]='1' and [i nt_form_vent_type]='1'	Was a viral filter placed on the exhalation port? ica_4582	radio, Required  1 Yes  0 No  2 Unknown
478	card_arst_occur  Show the field ONLY if: [int_form_event_type] = '3'	When did cardiac arrest occur? ica_2144	radio, Required  1 Prior to ED arrival  2 In the ED prior to intubation  3 During or within 5 minutes after intubation procedure  4 After intubation, but before patient transferred out of the ED
479	card_arst_occur_only Show the field ONLY if: [int_form_event_type] = '2'	When did cardiac arrest occur? ica_2145	radio, Required  1 Prior to ED arrival 2 In the ED
480	card_arst_defib  Show the field ONLY if: ([int_form_event_type] = '2' or [int_form_event_type] = '3') an d ([card_arst_occur] = '2' or [card_arst_occur] = '3' or [card_arst_occur] = '4')	Did defibrillation or cardioversion happen during the cardiac arrest in the ED? $ica\_3454$	yesno, Required  1 Yes 0 No
481	card_arst_comp  Show the field ONLY if: [int_form_event_type] = '2' or [int_form_event_type] = '3'	Did you personally perform chest compressions? <i>ica_2887</i>	yesno, Required  1 Yes  0 No
482	card_arst_length Show the field ONLY if: [int_form_event_type] = '2' or [int_form_event_type] = '3'	How long was the total cardiac arrest? ico_2482	radio, Required  1 0-10 minutes  2 11-30 minutes  3 Over 30 minutes
483	int_form_fluid_exp	Did you have any exposure to bodily fluids during the event? "Exposure" is defined as fluids that splashed onto unprotected skin or onto a mucous membrane. $ica\_4124$	yesno, Required  1 Yes  0 No

484	int_form_oth_proc	What other procedures did you perform or supervise while in	checkbox
		the room on this patient [check all that apply]?  ica_2116	1 int_form_oth_proc1 Arterial line placement
			2 int_form_oth_proc2 Central venous line placement
			3 int_form_oth_proc3 Chest tube placement
			4 int_form_oth_proc4 Fiberoptic bronchoscopy
			5 int_form_oth_proc5 Lumbar puncture
			6 int_form_oth_proc6 Paracentesis
			7 int_form_oth_proc7 Thoracentesis
			8 int_form_oth_proc8 Wound care (sutures, wound glue)
			9 int_form_oth_proc9 Other
			0 int_form_oth_proc0 None
			Field Annotation: @NONEOFTHEABOVE='0'
485	int_fomr_oth_proc_spec Show the field ONLY if: [int_form_oth_proc(9)] = '1'	What procedures, not previously listed, did you perform or supervise while in the room with this patient? ica_4835	notes
486	int_form_ed_disp	The patient's ED disposition was ica_3365	radio, Required
		1.0_3305	1 Hospital admission
			2 Died
			3 Discharge from the ED to home/care facility (very rare)
			4 Transferred to another hospital
487	intubationcardiac_arrest_form _complete	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: Patient Information	n Form (Intubation/CPR) (patient_information_form_intub	ationcpr) 🛂 Enabled as survey ^ Collapse
488	pif_comp_date	Date Patient Intubation Form Completed	text (date_mdy) Field Annotation: @TODAY @HIDDEN
489	proc_pt_mrn	Medical Record Number pif_4682	text, Required, Identifier
490	proc_pt_mrn_verify	Please verify the patient's medical record number pif_4682	text, Required, Identifier
491	proc_pt_mrn_verifymsg  Show the field ONLY if: [proc_pt_mrn_verify]<>" and ([proc_pt_mrn] <> [proc_pt_mr n_verify])	The patient's medical record numbers do not match. Please verify that you have entered the correct information in both fields.	descriptive
492	proc_pt_last_name	What is the patient's last name? pif_4113	text, Required
493	proc_pt_dob	What is the patient's date of birth (M-D-Y)? pif_3254	text (date_mdy), Required Field Annotation: @HIDEBUTTON
494	proc_pt_arrvl_date	What was the date and time (M-D-Y H:M) of ED arrival? $pif_1831$	text (datetime_mdy, Min: 2020-04-13 00:00, Max: 2021-04-15 00:00), Required Field Annotation: @HIDEBUTTON
495	proc_pt_sex	Patient's sex pif_4689	radio, Required  1 Male  2 Female  3 Intersex  6 Not Listed

496	pif_gender_not_listed	What is the patients sex?	text, Required
	Show the field ONLY if: [proc_pt_sex]=6	<i>pif_4900</i>	
497	proc_pt_race	Patient's race [check all that apply]	checkbox, Required
		pif_3118	1 proc_pt_race1 White
			2 proc_pt_race2 Black or African American
			3 proc_pt_race3 American Indian or Alaska Native
			4 proc_pt_race4 Asian
			5 proc_pt_race5 Native Hawaiian or Other Pacific Islander
			6 proc_pt_race6 Other
498	proc_pt_race_other	Please indicate 'other'	text
	Show the field ONLY if: [proc_pt_race(6)] = '1'	pif_2971	
499	proc_pt_ethnicity	Ethnicity	radio, Required
		pif_1893	1 Hispanic or Latino
			2 Not Hispanic or Latino
500	proc_pt_arrv_type	How did the patient arrive to the emergency department?	radio, Required
		pif_1774	1 Walk-in (this includes car, taxi, bus, subway/train,
			or on foot)
			2 Ambulance, either air or ground 3 Public services such as police car or social service
			3 Public services such as police car or social service vehicle
501	proc_pt_covid_tested	Was this patient tested for COVID-19 (at any point: before ED	radio, Required
		visit, during ED visit, or after ED visit)? pif_1090	1 Yes, before ED visit
		F-24	2 Yes, during ED visit
			3 Yes, after ED visit
			4 No
502	proc_pt_covid_confirm	Was the patient confirmed to have COVID-19?	yesno, Required
	Show the field ONLY if:	pif_3415	1 Yes
	[proc_pt_covid_tested] = '1' or [proc_pt_covid_tested] = '2' or		0 No
	[proc_pt_covid_tested] = '3'		
503	proc_pt_covid_test_date	Date of first positive COVID-19 test (specimen collection)	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15),
	Show the field ONLY if:	pif_4853	Required
F0.4	[proc_pt_covid_confirm] = '1'	Date and time of interlegis	
504	proc_pt_intubation	Date and time of intubation pif_1132	text (datetime_mdy, Min: 2020-04-13 00:00, Max: 2021-04-15 23:59), Required
	Show the field ONLY if: [proc_pt_covid_confirm] = '1'		, ,
505	proc_pt_imm_meds	Does the patient take any immune system suppressing medications (for autoimmune disease, organ transplant, or	yesno, Required
	Show the field ONLY if: [proc_pt_covid_confirm] = '1'	otherwise)?	1 Yes
	[proc_pt_covid_corillifit] = 1	pif_2898	0 No
506	pt_proc_icu_discharge	On what date was the patient discharged from the ICU or ICU- level care, if no ICU bed is available? If the patient was	text (datetime_mdy, Min: 2020-04-13 00:00, Max: 2021-04-15 23:59), Required
	Show the field ONLY if: [proc_pt_covid_confirm] = '1'	transferred to another facility or died in the ED, then enter the	2021-04-13 23.33), Nequired
	[proc_pt_covid_commin] = 1	date and time of discharge from the ED pif_4087	
507	pt_proc_hosp_discharge	On what date was the patient discharged from the hospital? If	text (datetime_mdy, Min: 2020-04-13 00:00, Max:
	Show the field ONLY if:	the patient was transferred to another facility or died in the ED,	2021-04-15 23:59), Required
	[proc_pt_covid_confirm] = '1'	then enter the date and time of discharge from the ED. <i>pif_3336</i>	

508	proc_pt_hosp_disp  Show the field ONLY if:  [proc_pt_covid_confirm] = '1'	What was the hospital disposition (at the end of hospitalization)?  pif_4047	radio, Required  1 Home  2 Care facility  3 Died  4 Transferred to another hospital
509	patient_information_form_int ubationcpr_complete	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: Serology Laborator	ry Form (serology_laboratory_form) 🔊 🗗 Enabled as survey	^ Collapse
510	blood_draw_dob	Date of birth [baseline_arm_1][dob]	descriptive
511	blood_draw_gender	Gender [baseline_arm_1][gender]	descriptive
512	blood_draw_comp	Blood draw & PCR compensation	text Field Annotation: @HIDDEN @DEFAULT='15'
513	blood_draw_comp_type	Blood draw compensation type	text Field Annotation: @HIDDEN @DEFAULT='Biological samples'
514	blood_draw_week	Week of Blood Draw sld_4634	text (number, Min: 0, Max: 12)
515	date_blood_draw	Date and time of blood draw sld_3846	text (datetime_mdy, Min: 2020-04-13 00:00, Max: 2021-04-15 00:00)
516	date_nasal_swab	Date and time of nasal swab sld_3846	text (datetime_mdy, Min: 2020-04-13 00:00, Max: 2021-04-15 00:00)
517	date_ser_shipped	Date of shipment sld_1006	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15)
518	igg_results_quant	IgG result (quantitative) slr_2822	text
519	igg_results_pos_neg	COVID-19 Antibody blood serology result slr_2827	text
520	nasal_swab_pcr	Nasal Swab PCR Result slr_3145	text
521	stop_collection	Stop Blood and Nasal Swab collection	yesno 1 Yes 0 No
522	serology_laboratory_form_co mplete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	ument: Serology Laborator	ry Acknowledgement (serology_laboratory_acknowledgement	ent) 🗗 Enabled as survey
523	lab_results_ack	Date and time of blood draw: [event-name][date_blood_draw] COVID-19 Antibody blood serology result: [event-name] [igg_results_pos_neg] Nasal swab PCR result: [event-name] [nasal_swab_pcr]	descriptive
524	results_ackn	Section Header: If your Nasal swab PCR result is 'Detected' or your COVID-19 Antibody blood serology result is 'Positive', please contact your employee health clinic to discuss your next steps including further testing and work restrictions.  I acknowledge that I have viewed my serology results.  slr_1675	radio, Required  1 Yes
525	serology_laboratory_acknowle dgement_complete	Section Header: Form Status  Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: Week 4 Addition (	oost_serologic_testing) 🛂 Enabled as survey	^ Collapse

526	post_covidstress	Section Header: COVID-19 related stress & anxiety In the past week, how much has COVID-19 pandemic affected your stress or anxiety levels? pst_8317	radio (Matrix)  1 Not at all  2 2  3 3  4 Somewhat  5 5  6 6  7 Extremely
527	post_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? pst_8291	radio (Matrix)  1 Not at all  2 2  3 3  4 Somewhat  5 5  6 6  7 Very much
528	post_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 has decreased my anxiety?  pst_7458	radio  1 Strongly disagree  2 Disagree  3 Somewhat disagree  4 Neither disagree or agree  5 Somewhat agree  6 Agree  7 Strongly agree
529	post_nightmaters	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?pst_6658	radio (Matrix)  1 Yes  0 No
530	post_avoid	tried hard not to think about the pandemic or gone out of your way to avoid situations that reminded you of it?pst_5473	radio (Matrix)  1 Yes  0 No
531	post_on_edge	been constantly on guard, watchful, or easily startled?pst_8964	radio (Matrix)  1 Yes  0 No
532	post_numb	felt numb or detached from people, activities or your surroundings?pst_5721	radio (Matrix)  1 Yes  0 No
533	post_guilty	felt guilty or unable to stop blaming yourself or others for the effects of the pandemic or any problems and pandemic may have caused?pst_5587	radio (Matrix)  1 Yes  0 No
534	post_wrkprograms	Section Header: Institutional Mitigation  Which of the following staff-support programs have you used or received by or within your workplace during the COVID-19 pandemic? [check all that apply]  pst_2567	checkbox  1 post_wrkprograms1 Childcare support services  2 post_wrkprograms2 Elder care support services  3 post_wrkprograms3 Transportation services for employees to and from the workplace to limit public exposure
	527 528 530 531 533	527 post_jobstress  528 post_priorexp  529 post_nightmaters  530 post_avoid  531 post_on_edge  532 post_numb  533 post_guilty	In the past week, how much has COVID-19 pandemic affected your stress or anxiety levels? pst_8317    Downstress   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? pst_8291    Dost_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 has decreased my anxiety?    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?pst_6658    Post_avoid   Tried hard not to think about the pandemic or gone out of your way to avoid situations that reminded you of it?pst_5473    Post_on_edge   Deen constantly on guard, watchful, or easily startled?pst_8964    Post_numb   Telt numb or detached from people, activities or your surroundings?pst_5721    Post_guilty   Telt guilty or unable to stop blaming yourself or others for the effects of the pandemic or any problems and pandemic may have caused?pst_5587    Post_wrkprograms   Section Header: Institutional Mitigation   Which of the following staff-support programs have you used or received by or within your workplace during the COVID-19 pandemic? (Tecked lith that psply)

4	post_wrkprograms4	Alternative living situation (either providing accommodations or funding for accommodations) for self-quarantine related to workplace exposure
5	post_wrkprograms5	Laundry services for work-related clothing
6	post_wrkprograms6	COVID-specific mental health hotline for health care workers
7	post_wrkprograms7	Stress reduction/emotional resilience training
8	post_wrkprograms8	Routine COVID-19 testing of asymptomatic health care personnel (not including procedures for Project COVERED)
9	post_wrkprograms9	Employee COVID-19 testing at provider request - even if asymptomatic
10	post_wrkprograms10	Surge staffing plans for employees in other areas in the hospital to surge to the ED in response to anticipated COVID-19 patient volume [please select this item if a plan was in place and/or crosstraining occurred, regardless of whether those plans were used]
11	post_wrkprograms11	Flexible scheduling of work hours to balance demands across front-line health care personnel
12	post_wrkprograms12	Formal use of a social media platform to facilitate communication among front-line health care personnel within your workplace (e.g., WhatsApp)
13	post_wrkprograms13	Additional financial payments for front-line health care personnel
14	post_wrkprograms14	Paid time off for COVID-19-related quarantine or isolation
15	post_wrkprograms15	Supplemental disability benefits for staff affected by COVID-19
16	post_wrkprograms16	Other

0/2020	)	Project COVERED   REDCap	)				
			0 post_wrkprograms0 None				
			Field	Field Annotation: @NONEOFTHEABOVE			
535	ppst_wrkprograms_other Show the field ONLY if: [post_wrkprograms(16)] = '1'	What other staff-support programs provided by or within your workplace have you used? pst_2348	text	text			
536	post_clinsvcs	Which of the following specific clinical services have you used in	che	kbox			
		your emergency department as you care for patients with COVID-19? [check all that apply]  pst_1756	1	post_clinsvcs1		nealth for ED triage to provider exposure	
		paction	2	post_clinsvcs2		nealth for ED patient to limit provider sure	
			3	post_clinsvcs3	Pallia	ative care consultations	
			4	post_clinsvcs4	Ethic	s consultations	
			5	post_clinsvcs5		our social worker ability	
			6	post_clinsvcs6	(eith	our interpreter services er in-person, ronic/virtual, or on- and)	
			7			administered swabs for ents suspected of ng COVID-19 (instead of ider- or nurse- cted nasopharyngeal os)	
			8	post_clinsvcs8	fami (whe prev	o-facilitated patient- ly communication en family are unable or ented from being at a ent's bedside)	
			9	post_clinsvcs9	fami (whe prev	o-facilitated patient- ly communication en family are unable or ented from being at a ent's bedside)	
			10	post_clinsvcs10		n debriefing after ED hs or other critical lents	
			11	11 post_clinsvcs11	time relat expo obse	n doffing (e.g., each you remove PPE ed to COVID-19 isure, a colleague irves doffing to ensure elf-contamination rs)	
			12 post_clinsvcs12	boar acces acces infor and	ent COVID-19 status d (in ED or on easily ssible electronic ss) with updated rmation about PPE use evolving clinical edures		
			13	post_clinsvcs13	boar acces acces 19 he	ent COVID-19 status d (in ED or on easily ssible electronic ss) with current COVID- ospitalization volume daily visit tracking	
			0	post_clinsvcs0	None	е	
			r:-!	Annotation ONON	רטרדי	IEADOVE	
			1 1010	d Annotation: @NON	LOFII	IL, OUVL	

		T			
537	post_frequency	Section Header: Moral Distress. Moral distress occurs when professionals cannot carry out what they believe to be ethically appropriate actions because of constraints or barriers. The following questions relate to a situation that may	radi 0	0, Never	
		occur in clinical practice. If you have experienced this situation, it may or may not have been morally distressing to you.	1	1	
		Please rate the frequency of the following: I have experienced	2	2	
		compromised patient care due to lack of	3	3	
		resources/equipment/bed capacity. pst_2289	4	4, Very frequently	
538	post_distress	Please rate your level of distress from the following: I have	radi	io	
	, <u></u>	experienced compromised patient care due to lack of		0, None	
		resources/equipment/bed capacity. If you have not experienced this situation, please indicate how distressed you would feel if it	1	1	
		occurred in your workplace.	2	2	
		pst_2267	3	3	
			4	4, Very distressing	
539	post_impact	To what extent do you feel that your work during the COVID-19	radi		
		pandemic has had a meaningful impact and contributed to the greater good?			as had a significant positive
		pst_2659	2	<u>'</u>	as had a moderate positive
			l <del>⊢ - l</del>	I feel that my work h	as had a little positive
				impact	·
				impact	ork has had any meaningful
540	post_serologic_testing_comple	Section Header: Form Status	ПТ	pdown	
	te	Complete?	l <del> </del>	Incomplete	
			1	Unverified	
			2	Complete	
Instrument: Week 4 PI addition (week_4_pi_addition)					
Instr	ument: Week 4 PI addition	(week_4_pi_addition)	1		^ Collapse
Instr 541	ument: Week 4 PI addition pi_inst_support	Which of the following programs/resources are available to		ckbox	
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available	che 1	ckbox pi_inst_support1	Childcare support services
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-			Childcare support services
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	1	pi_inst_support1	Childcare support services  Elder care support services  Transportation services
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	1	pi_inst_support1 pi_inst_support2	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	1	pi_inst_support1 pi_inst_support2	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	2	pi_inst_support1 pi_inst_support2 pi_inst_support3	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or funding for
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	2	pi_inst_support1 pi_inst_support2 pi_inst_support3	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	2	pi_inst_support1 pi_inst_support2 pi_inst_support3	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or funding for accommodations) for self-quarantine related to workplace exposure
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	3	pi_inst_support1 pi_inst_support2 pi_inst_support3 pi_inst_support4	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or funding for accommodations) for self-quarantine related to workplace exposure  Laundry services for work-related clothing
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	3 4	pi_inst_support1  pi_inst_support2  pi_inst_support3  pi_inst_support4  pi_inst_support5	Childcare support services  Elder care support services  Transportation services for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or funding for accommodations) for self-quarantine related to workplace exposure  Laundry services for work-related clothing  COVID-specific mental health hotline for health care workers
-		Which of the following programs/resources are available to support providers and staff in your workplace during the COVID-19 pandemic? [check all that apply] If a resource was available before the COVID-19 pandemic and is still available, please indicate that it is available	1 2 3 4	pi_inst_support1  pi_inst_support2  pi_inst_support3  pi_inst_support4  pi_inst_support5  pi_inst_support6	Childcare support services  Elder care support services  Transportation service for employees to and from the workplace to limit public exposure  Alternative living situation (either providing accommodations or funding for accommodations) for self-quarantine relate workplace exposure  Laundry services for work-related clothing  COVID-specific mental health hotline for heacare workers  Stress reduction/emotional resilience training

	9	pi_inst_support9	Employee COVID-19 testing at provider request - even if asymptomatic
	10	pi_inst_support10	Surge staffing plans for employees in other areas in the hospital to surge to the ED in response to anticipated COVID-19 patient volume [please select this item if a plan was in place and/or cross-training occurred, regardless of whether those plans were used]
	11	pi_inst_support11	Flexible scheduling of work hours to balance demands across front- line health care personnel
	12	pi_inst_support12	Formal use of a social media platform to facilitate communication among front-line health care personnel within your workplace (e.g., WhatsApp)
	13	pi_inst_support13	Additional financial payments for front-line health care personnel
	14	pi_inst_support14	Paid time off for COVID- 19-related quarantine or isolation
	15	pi_inst_support15	Supplemental disability benefits for staff affected by COVID-19

542	pi_clin_svcs	Which of the following specific clinical services are available in	ched	kbox		
		your emergency department as you care for patients with COVID-19? [check all that apply] If a service was available before COVID-19 and is still available, please indicate that it is available pi_1115	1	pi_clin_svcs1	Telehealth for ED triage to limit provider exposure	
			2	pi_clin_svcs2	Telehealth for ED patient care to limit provider exposure	
			3	pi_clin_svcs3	Palliative care consultations	
			4	pi_clin_svcs4	Ethics consultations	
			5	pi_clin_svcs5	24-hour social worker availability	
			6	pi_clin_svcs6	24-hour interpreter services (either in-person, electronic/virtual, or on- demand)	
			7	pi_clin_svcs7	Self-administered swabs for patients suspected of having COVID-19 (instead of provider- or nurse- collected nasopharyngeal swabs)	
			9	pi_clin_svcs8	Video-facilitated patient- family communication (when family are unable or prevented from being at a patient's bedside)	
				pi_clin_svcs9	Audio-facilitated patient- family communication (when family are unable or prevented from being at a patient's bedside)	
			10	pi_clin_svcs10	Team debriefing after ED deaths or other critical incidents	
			11	pi_clin_svcs11	Team doffing (e.g., each time you remove PPE related to COVID-19 exposure, a colleague observes doffing to ensure no self-contamination occurs)	
			12	pi_clin_svcs12	Current COVID-19 status board (in ED or on easily accessible electronic access) with updated information about PPE use and evolving clinical procedures	
			13	pi_clin_svcs13	Current COVID-19 status board (in ED or on easily accessible electronic access) with current COVID-19 hospitalization volume and daily visit tracking	
543	week_4_pi_addition_complete	Section Header: Form Status	drop	odown		
		Complete?	0	Incomplete		
			1	Unverified		
			2	Complete		
Instr	Instrument: PCR Positive Additional Serology Consent (pcr_positive_additional_serology_consent)					

		, ,	
544	pcr_positive_additional_serolo	As you know, you have tested positive for COVID-19 on a nasal swab test. Since the purpose of Project COVERED is to identify participants who have contracted COVID-19, it would be helpful for us to know whether you have a positive blood test for COVID-19 antibodies. That will give us additional information about the characteristics of our tests, and it also will inform the way that we report the final findings of the project.To accomplish that, we would like to ask you to allow us to draw one more blood test. The initial consent form that you signed did not include this additional blood test, because we made this change to the protocol after you signed that consent. If we were to draw this final blood test, we would collect it anytime after:  • You have been cleared to return to work, and  • A minimum of 14 days has passed from the time of your nasal swab test (even though you may have returned to work prior to 14 days). The blood test will be collected exactly like the other blood tests you have done for Project COVERED, and that will be your last blood draw. If you agree to have your blood drawn for this purpose, you will be paid the same fee as you were for your previous blood draws. You will be contacted by your Site Coordinator to schedule a time for your follow-up blood draw and you will be informed of the result of the test. Do you agree to have your blood drawn for this last test?  Section Header: Form Status	yesno 1 Yes 0 No
545	gy_consent_complete	Complete?	0 Incomplete
			1 Unverified
			2 Complete
Instr	ument: <b>6 Month Participa</b> r	nt F/U (month_participant_fu)	<b>^</b> Collapse
546	sixm_comp	6-month survey compensation	calc Calculation: if([screening_arm_1][primary_job] < 7, 20, 15) Field Annotation: @HIDDEN
547	sixm_survey	6-month survey	text Field Annotation: @HIDDEN @DEFAULT='6 month survey'
548	sixm_comp_date	6-month completion date	text (date_mdy) Field Annotation: @TODAY @HIDDEN
549	sixmth_infect	Since the last follow-up survey at the end of the 12-week project period, did you become infected with COVID-19? Symptoms	radio, Required  1 Yes; symptomatic and confirmed with PCR nasal
		should be noted at the time of testing. For example, if you were tested when you were aymptomatic, received a positive result	or nasopharyngeal swab
		and then developed symptoms a few days later, you would select 'asymptomatic'.	2 Yes; symptomatic and presumed COVID-19 but NOT confirmed with a test
		sixm_2615	3 Yes; symptomatic and confirmed with blood antibody test
			4 Yes; asymptomatic, identified with positive blood antibody test

550	sixmth_infect_hhold	Since the last follow-up survey at the end of the 12-week project	roject checkbox, Required			
		period, did any of your household members, not including yourself, become infected with COVID-19? If more than one household member has been infected, select all that apply. Symptoms should be noted at the time of testing. For example,	1	sixmth_infect_hhold1	confir nasal	ymptomatic and rmed with PCR or oharyngeal swab
		if they were tested when they were aymptomatic, received a positive result and then developed symptoms a few days later, you would select 'asymptomatic'.  sixm_2188	2	sixmth_infect_hhold2	presu	ymptomatic and Imed COVID-19 IOT confirmed a test
			3	sixmth_infect_hhold3	confir	ymptomatic and rmed with blood ody test
			4	sixmth_infect_hhold4	identi	symptomatic, ified with positive I antibody test
			5	sixmth_infect_hhold5	identi	ssymptomatic and ified with nasal or oharyngeal PCR
			0	sixmth_infect_hhold0	No	
			Fie	d Annotation: @NONEOFT	HEABO	OVE=0
551	sixmth_sameed	Section Header: Looking back on this experience, we'd appreciate your time to		io, Required		
	_	answer some questions about how you and your job in the ED has changed.  Do you still work in the same ED?	1	Yes		
		sixm_3486	2	No, another ED		
			3	No, I no longer work in ar	i ED	
552	sixmth_noed	Why do you no longer work in an ED?	rac	io, Required		
	Show the field ONLY if:	sixm_3425	1	COVID-19 - I did not want of becoming infected	to tak	e on the extra risk
	[sixmth_sameed] = '3'		2	Too stressful in general, in	ncludir	ng COVID-19
			3	I continue to like emerger		_
				another opportunity		
			4	Other		
553	sixmth_noed_other	Please provide 'other' reason for no longer working in an ED sixm_3877	tex	t, Required		
	Show the field ONLY if: [sixmth_noed] = '4'					
554	sixmth_edcovidpts	Section Header: This question is about your ED's current status regarding COVID-19 patients (including if you work at a new one).	rad 0	io, Required		
	Show the field ONLY if: ([sixmth_sameed] = '1' or [six	During the last 1 week, not including today, estimate the	1	1-5		
	mth_sameed] = '2') and ([scre	number of COVID-19 patients who have been cared for at your ED.	2	5-10		
	ening_arm_1][primary_job] <> '7')	sixm_2689	3	>11		
555	sixmth_commit	Section Header: These questions are about how you feel about yourself and	rac	io, Required		
	Show the field ONLY if:	others feel about you as someone who works in an ED.  Compared to before the pandemic, how committed are you now	1	More committed		
	[sixmth_sameed] = '1' or [sixm th_sameed] = '2'	to your job in the ED?	2	Same as before		
		sixm_4668	3	Less committed		
556	sixmth_famfeel	Compared to before the pandemic, how does your family regard	rad	io, Required		
	Show the field ONLY if:	your job in the ED? sixm_3034	1	More encouraging and su	pporti	ive
	[sixmth_sameed] = '1' or [sixm th_sameed] = '2'		2	About the same		
			3	Less encouraging and sup prefer I did something els		ve; they would
557	sixmth_friendfeel	Compared to before the pandemic, how do your friends regard	rad	io, Required		
	Show the field ONLY if:	your job in the ED? sixm_4197	1	More encouraging and su	pporti	ive
	[sixmth_sameed] = '1' or [sixm th_sameed] = '2'	:	2	About the same		
	Jumeeaj 2		3	Less encouraging and sup why I do what I do	portiv	ve; they question
		<u> </u>	_	-		

		Troject GOVERED   REDGAP				
558	sixmth_ppe_nonptcare	Section Header: These questions are about how you do your job.		kbox, Required	_	
	Show the field ONLY if: [sixmth_sameed] = '1' or [sixm	When working in the ED not engaged in direct patient care (e.g. at a desk), what PPE do you wear? [check all that apply]  sixm_3358	2	sixmth_ppe_nonptcare	2 Reusable face shields	
	th_sameed] = '2'	31A11_3333	3	sixmth_ppe_nonptcare	Disposable face- shields (single use)	
			4	sixmth_ppe_nonptcare	4 Safety glasses/goggles	
			5	sixmth_ppe_nonptcare	5 Surgical masks	
			7	sixmth_ppe_nonptcare	7 N-95 masks/respirators	
			16	sixmth_ppe_nonptcare	16 Elastomeric respirators	
			9	sixmth_ppe_nonptcare	9 Disposable surgical hat	
			10	sixmth_ppe_nonptcare	10 Reusable surgical hat	
			11	sixmth_ppe_nonptcare	Standard disposable isolation gown	
			13	sixmth_ppe_nonptcare	13 Gloves	
			15	sixmth_ppe_nonptcare	15 Foot coverings	
			0	sixmth_ppe_nonptcare	0 None	
			Field	Annotation: @NONEOFTH	IEABOVE = '0'	
559	sixmth_ppe_suff	How confident do you feel about your ED having sufficient PPE if	radi	o, Required		
	Show the field ONLY if:	another pandemic with many cases occurred? sixm_1155	1	Very confident		
	[sixmth_sameed] <> '3' and ([s creening_arm_1][primary_job]		2	Somewhat confident		
	<> '7')		3	Not confident		
560	sixmth_ppe_ptcare	If you physically care for (e.g., examine, place an IV) a stable	checkbox, Required			
	Show the field ONLY if: [sixmth_sameed] <> '3' and ([s creening_arm_1][primary_job] <> '7')	nth_sameed] <> '3' and ([s	1	sixmth_ppe_ptcare1	Standard precautions only (handwashing, distancing from patients)	
			2	sixmth_ppe_ptcare2	Reusable face shields	
			3	sixmth_ppe_ptcare3	Disposable face- shields (single use)	
			4	sixmth_ppe_ptcare4	Safety glasses/goggles	
			5	sixmth_ppe_ptcare5	Surgical masks	
			7	sixmth_ppe_ptcare7	N-95 masks/respirators	
			16	sixmth_ppe_ptcare16	Elastomeric respirators	
			9	sixmth_ppe_ptcare9	Disposable surgical hat	
			10	sixmth_ppe_ptcare10	Reusable surgical hat	
			11	sixmth_ppe_ptcare11	Standard disposable isolation gown	
				sixmth_ppe_ptcare11 sixmth_ppe_ptcare13		

561	sixmth_ppe_respdistress	If a patient comes in today in respiratory distress whom you will	che	ckbox, Required	
	Show the field ONLY if: [sixmth_sameed] <> '3' and ([s creening_arm_1][primary_job] <> '7')	be intubating, and you cannot get any history, what PPE would you use? [check all that apply]  sixm_3204	1	sixmth_ppe_respdistress1	Standard precautions only (handwashing, distancing from patients)
			2	sixmth_ppe_respdistress2	Reusable face shields
			3	sixmth_ppe_respdistress3	Disposable face- shields (single use)
			4	sixmth_ppe_respdistress4	Safety glasses/goggles
			5	sixmth_ppe_respdistress5	Surgical masks
			6	sixmth_ppe_respdistress6	Reusable fabric masks
			7	sixmth_ppe_respdistress7	N-95 masks/respirators
			16	sixmth_ppe_respdistress16	Elastomeric respirators
			8	sixmth_ppe_respdistress8	Powered air- purifying respirator systems (PAPR, CAPR)
			9	sixmth_ppe_respdistress9	Disposable surgical hat
			10	sixmth_ppe_respdistress10	Reusable surgical hat
			11	sixmth_ppe_respdistress11	Standard disposable isolation gown
			12	sixmth_ppe_respdistress12	Full-body impermeable suit
			13	sixmth_ppe_respdistress13	Gloves
			14	sixmth_ppe_respdistress14	Double gloves
			15	sixmth_ppe_respdistress15	Foot coverings
562	month_participant_fu_comple	Section Header: Form Status	dro	odown	
	te	Complete?	-	Incomplete	
			-	Unverified	
			2	Complete	
Instr	ument: 6 Month Facility F/	<b>U</b> (month_facility_fu) <b>₤</b> Enabled as survey			▲ Collapse
563	sixm_fac_det	Please indicate which site you are providing information about.	radi	o, Required	
	Show the field ONLY if:	fsixm_2345	1	Detroit Receiving Hospital	
	[screening_arm_1][work_site] = '4'		2	Sinai-Grace Hospital	
564	sixm_fac_ucla	Please indicate which site you are providing information about.		o, Required	
	Show the field ONLY if: [screening_arm_1][work_site] = '12'	fsixm_3452		UCLA Olive View UCLA Ronald Reagan	
565	sixm_fac_mtsinai	Please indicate which site you are providing information about.	radi	o, Required	
	Show the field ONLY if: [screening_arm_1][work_site] = '9'	fsixm_4322	$\vdash$	Mount Sinai Hospital Elmhurst Hospital Center	
566	sixm_fac_washu	Please indicate which site you are providing information about.	radi	o, Required	
	Show the field ONLY if: [screening_arm_1][work_site] = '20'	fsixm_3521	1	Washington University Barnes-Jewish Hospital	

567	sixm_fac_uab	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	fsixm_2543	1 University of Alabama at Birmingham
	[screening_arm_1][work_site]		2 Highlands
	= '11'		
568	sixm_fac_thomjeff	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	fsixm_1235	1 Jefferson Center City
	[screening_arm_1][work_site]		2 Jefferson Methodist Hospital
	= '18'		5
569	sixm_fac_ucsf	Please indicate which site you are providing information about.	radio, Required
	Show the field ONLY if:	fsixm_1612	1 Zuckerberg San Francisco Medical Center
	[screening_arm_1][work_site]		2 Jefferson Methodist Hospital
	= '13'		[ ] joined and the second and the se
570	sixmth_ptvol_may20	Section Header: Please provide total ED patient volume for the following time	text (number), Required
		periods:	
		May 2020 fsixm2041	
F71	airma atrial irra 20		tout (numbers) Descripted
571	sixm_ptvol_jun20	June 2020 fsixm3942	text (number), Required
572	sixm_ptvol_jul20	July 2020	text (number), Required
0,2		fsixm2109	teste (Harriser // Hegain ea
573	sixm_ptvol_aug20	August 2020	text (number), Required
		fsixm3422	·
574	fsixm_ptvol_sep20	September 2020	text (number), Required
		fsixm1816	
575	sixm_ptvol_oct20	October 2020 fsixm1448	text (number), Required
576	sixm_fac_attend_hrs	Section Header: How many total hours in each category were worked by all providers in a category in the last 1 week, including today? (e.g., if the ED has a	text (number), Required
		single physician covering 24-hours daily, this response would be 168 hours; if	
		there were 2 physicians covering 12-hours during the day and only one covering 12-hours at night, this response would be 252 hours)	
		Attending physician	
		fsixm3248	
577	sixm_fac_res_hrs	Resident physicians	text (number), Required
		fsixm2024	
578	sixm_fac_advprac_hrs	Advanced practice providers	text (number), Required
		fsixm1789	
579	sixm_fac_rn_hrs	Nurses fsixm3930	text (number), Required
F00	-i f h		hand (according) Demoired
580	sixm_fac_na_hrs	Nursing aides/paramedics fsixm4741	text (number), Required
581	sixm_fac_pharm_hrs	ED pharmacists	text (number), Required
50.		fsixm3583	teste (Harriser // Hegain ea
582	sixm_fac_nonclin_hrs	Non-clinical staff	text (number), Required
		fsixm3547	
583	sixm_fac_attend_covid	Section Header: Please indicate the number of ED personnel in each group that	text (number), Required
		have been diagnosed with COVID-19 since the end of the 12-week study period.	
		Attending physicians  fsixm_2924	
584	sixm_fac_res_covid	Resident physicians	text (number), Required
301	SMITI_Tac_I CS_COVIA	fsixm_1708	text (namber), required
585	sixm_fac_advprac_covid	Advanced practice providers	text (number), Required
	, _	fsixm_2834	
586	sixm_fac_rn_covid	Nurses	text (number), Required
		fsixm_4778	
587	sixm_fac_pharm_covid	ED pharmacists	text (number), Required
	_	fsixm_1952	
588	sixm_fac_na_covid	Nursing aides/paramedics	text (number), Required
F00	about for a small 11	fsixm_1454	to the control of the control
589	sixm_fac_nonclin_covid	Non-clinical staff (i.e., clerks, case managers, social workers,	text (number), Required
		finance, etc.)	

590	sixm_fac_covidpos	Section Header: COVID-19 patients	yesno, Required
		Has your ED treated a COVID-19 positive patient within the last 1 week, including today?  fsixm_1011	1 Yes 0 No
591	sixm_fac_covidpos_tx  Show the field ONLY if: [sixm_fac_covidpos] = '1'	How many total COVID-19 positive patients, confirmed by a PCR test, have been treated in your ED in the last 1 week, including today?  fsixm_2561	text (number), Required
592	sixm_fac_covidpos_cohort Show the field ONLY if: [sixm_fac_covidpos] = '1'	Are COVID-19 suspected or positive patients currently cohorted in a separate part of the ED? fsixm_3589	yesno, Required  1 Yes  0 No
593	sixm_fac_intteam  Show the field ONLY if: [sixm_fac_covidpos] = '1'	Since the end of the 12-week study period, has your site used a dedicated intubation team for intubating COVID-19 patients? // fsixm_4689	radio, Required  1 Always  2 Sometimes  0 Never
594	sixm_fac_intteam_attres Show the field ONLY if: [sixm_fac_covidpos] = '1'	Are emergency medicine attendings or residents on the intubation team? /sixm_4006	radio, Required  1 Always 2 Sometimes 0 Never
595	sixm_fac_covidpos_int Show the field ONLY if: [sixm_fac_covidpos] = '1'	How many COVID-19 positive intubations occurred in your ED in the last 1 week, including today? fsixm_4675	text (number), Required
596	sixm_fac_covidpos_card Show the field ONLY if: [sixm_fac_covidpos] = '1'	How many COVID-19 positive cardiac arrest patients were managed in your ED in the last 1 week, including today? fsixm_3342	text (number), Required
597	sixm_fac_covidpos_adm Show the field ONLY if: [sixm_fac_covidpos] = '1'	How many cases of COVID-19 were admitted to the hospital (whether in the ED or outside) in the last 1 week, including today?  fsixm_2201	text (number), Required
598	sixm_fac_covidhosp Show the field ONLY if: [sixm_fac_covidpos] = '1'	In your hospital, how many COVID-19 patients were hospitalized on Monday of this week? fsixm_4659	text (number), Required
599	month_facility_fu_complete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: <b>Compensation</b> (co	mpensation) 🛂 Enabled as survey	<b>^</b> Collapse
600	date_requested	Date compensation requested	text (date_mdy, Min: 2020-04-13, Max: 2021-04-15)
601	pe_comp_rem	Participant enrollment reimbursement	text (number)
602	wps_comp_rem	Weekly participant survey compensation	text (number)
603	blood_draw_comp_rem	Biological sample compensation	text (number)
604	sixm_comp_rem	6 Month Survey compensation	text (number)
605	total_intubation_payment	Intubation & CPR form compensation	text (number)
606	total_payment	Total compensation	text (number)
607	compensation_complete	Section Header: Form Status Complete?	dropdown  0 Incomplete  1 Unverified  2 Complete
Instr	rument: <b>Withdrawal</b> (withdr	rawal)	^ Collapse
608	withdrawn	The participant has withdrawn from the study.  wd_1007	radio 1 Withdrawn

609	withdraw_reason	Why did the participant withdraw from the study	checkbox
		wd_2004	1 withdraw_reason1 Residency graduation
			2 withdraw_reason2 Moving away
			3 withdraw_reason3 Changing/quit job
			4 withdraw_reason4 Adverse reaction to project procedures
			5 withdraw_reason5 Project too time consuming
			6 withdraw_reason6 Death
			8 withdraw_reason8 Non-compliance
			9 withdraw_reason9 Baseline serology/PCR positive
			7 withdraw_reason7 Other
610	withdraw_other	Why did the participant withdraw?	text
	Show the field ONLY if: [withdraw_reason(7)]=1		
611	withdrawal_complete	Section Header: Form Status	dropdown
		Complete?	0 Incomplete
			1 Unverified
			2 Complete
	L		