## PERCEPTIONS OF HEALTHCARE WORKERS REGARDING LOCAL INFECTION PREVENTION AND CONTROL PROCEDURES FOR COVID-19



## **■** Data Dictionary Codebook

27-09-2021 10:24am

▲ Collapse all instruments

	#	Variable / Field Name	Field Label Field Note	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: <b>Survey</b> (survey)				^ Collapse
	1	record_id	Record ID	text
	2	appendix_a	Section Header: Introduction  This survey is conducted by Uganda Virus Research Institute (UVRI) in collaboration with WHO-AFRO and other researchers from Africa, and aims to understand how healthcare professionals feel regarding their preparedness to deliver infection prevention and control (IPC) procedures in healthcare settings during the COVID-19 pandemic. This survey will take you (2-5mins) to complete. The information we collect will help improve preparedness to prevent healthcare workers becoming ill and to effectively prevent spread of COVID-19. In this survey, we refer to infection prevention and control procedures that should be adopted when managing patients with suspected or confirmed COVID-19. All data will be stored and processed in accordance with national regulations. Approvals for this study have been obtained from Uganda National Council for Science and Technology. This study has been reviewed and approved by the UVRI Research Ethics Committee and the Uganda National Council for Science and Technology.	descriptive
	3	consent_1	Section Header: If you are willing to take part in this study, please confirm the following:  I understand that my participation is completely voluntary	yesno, Required  1 Yes  0 No  Custom alignment: RH
	4	consent_2	I would like to take part in this study	yesno, Required  1 Yes  0 No  Custom alignment: RH
	5	age	Section Header: Demographic Information  Age	text (number, Min: 18, Max: 120), Required Custom alignment: RH
	6	gender	Gender:	dropdown, Required    1   Male     0   Female     Custom alignment: RH

				1	
	7	role	Role:		o, Required
				1	Consultant
				2	Medical doctor
				3	Dentist
				4	Intern doctor
				5	Midwife
				6	Nurse
				7	Allied health professional
				8	Social worker/counsellor
				9	Administrative
				10	Other
	8	role_other	If Other, please specify:		Required
		Show the field ONLY if: [role] = '7'		Cust	om alignment: RH
	9	healthtype	Type of Healthcare service:	radio	o, Required
				1	Medical unit
				2	surgical
				3	intensive care
				4	paediatric
				5	emergency
				6	infectious disease ward
				7	isolation ward
				8	maternity
				9	Ambulance
				10	Laboratory
				11	Palliative Care
				12	Other
	10	healthtype_2	Is health facility:	radio	o, Required
		•			public
				0	private
				_	om alignment: RH
	11	healthtype_3	Location of health facility (District):		Required om alignment: RH
	12	screening	Screening question: do you provide direct care to	radio	0
			patients?	1 ,	Yes
				2	No
				3	Not sure
	13	screening_2	If Yes, how frequently do you provide direct patient care?	radio	<u> </u>
		Show the field ONLY if:		1 1	daily
		[screening] = '1'		2	more than one day per week
				3	less than one day per week
				4	rarely
				5	no patient contact
				6	don't know
$\Box$			1		

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14	jobrole	Type of job role	radio, Required
			1 Fulltime
			2 part time
			3 casual or locum staff
			4 retired
			5 student
			6 other
15	marital	Current marital status	radio
			1 Single (never married)
			2 Living with partner
			3 Married
			4 Civil partnership
			5 Separated
			6 Divorced
			7 Widowed
			8 Prefer not to say
16	child_dependants	Number of children living in the home, if any, under the	radio
, 5		age of 17yrs	1 1
			2 2
			3 3
			4 4
			5 5+
			6 None
			7 Prefer not to say
			Custom alignment: RH
17	adult_dependants	Do you have caring responsibilities for any adults,	radio
		including those with disabilities or those over the age of 70 years?	1 Yes
		, jeu.s.	2 no
			3 prefer not to say
			Custom alignment: RH
18	experience_1	Section Header: Experience of COVID-19 or previous epidemic	radio (Matrix)
.5	- 3.p 31 161160_1	1. In a clinical setting, did you personally care for patients	1 Yes
		with suspected or confirmed infection caused by a novel	2 No
		respiratory pathogen for example, SARS (2002), MERS Co-V (2012), H1N1 (2009)?	3 Unsure
10	ovnoriones 3		
19	experience_2	In a clinical setting, did you personally care for patients with suspected or confirmed infection of other epidemic	radio (Matrix)
		e.g. Ebola, Marburg, cholera?	2 No
			3 Unsure
20	experience_3	Has a patient with suspected or confirmed COVID-19     attended the healthy facility in which you work?	radio (Matrix)
		accessed the reading reading in which you work.	1 Yes
			2 No
			3 Unsure
21	experience_4	4. Have you cared for a patient with suspected or	radio (Matrix)
		confirmed COVID-19 infections?	1 Yes
			2 No
			3 Unsure
	•		

22	contacttype Show the field ONLY if: [experience_4] = '1'  contacttype_2 Show the field ONLY if: [contacttype] = '1'	If Yes to 4 above, what type of contact did you have with a suspected/confirmed Covid-19 case?  If Close contact, Did this contact include an aerosol generating procedure? For example tracheal intubation, non-invasive ventilation, bronchoscopy, cardiopulmonary resuscitation	radio  1 Close contact: directly caring for a suspected/confirmed patient or being within a 1-2m radius of a suspected/confirmed patient  2 Healthcare contact: no direct contact with suspected/confirmed COVID-19 case, but was present on the ward when they were cared for.  3 Unknown / unsure  radio  1 Yes  2 No
24	prevention_1	Section Header: What kind of infection prevention procedures did you use during your most recent contact with a suspected/confirmed COVID-19 case?  Hand hygiene	Custom alignment: RH  radio (Matrix)  1 Yes  2 No  3 Not sure
25	prevention_2	N95 respirator (FFP2 or equivalent)	radio (Matrix)  1 Yes  2 No  3 Not sure
26	prevention_3	Other types of medical mask (if yes, which one)	radio (Matrix)  1 Yes  2 No  3 Not sure
27	prevention_4	Fluid-resistant gown	radio (Matrix)  1 Yes  2 No  3 Not sure
28	prevention_5	Disposable apron	radio (Matrix)  1 Yes  2 No  3 Not sure
29	prevention_6	Gloves	radio (Matrix)  1 Yes  2 No  3 Not sure
30	prevention_7	Full body suit	radio (Matrix)  1 Yes  2 No  3 Not sure
31	prevention_8	Eye protection (i.e. goggles or face shield)	radio (Matrix)  1 Yes  2 No  3 Not sure
32	prevention_9	Single use equipment	radio (Matrix)  1 Yes  2 No  3 Not sure

33	prevention_10	No specific equipment	radio (Matrix)  1 Yes  2 No  3 Not sure
34	prevention_11	Other	radio (Matrix)  1 Yes  2 No  3 Not sure
35	masktype  Show the field ONLY if: [prevention_3] = '1'	If Other types of medical mask is yes, please specify:	text Custom alignment: RH
36	other_prevention Show the field ONLY if: [prevention_11] = '1'	If Other, please specify:	text Custom alignment: RH
37	service_demand_1	Section Header: Questions regarding infection prevention and control procedures for management of patients with suspected or confirmed Covid-19 The following questions relate to your experience of managing patients in the healthcare setting where you work. Please think about your experience over the past week when responding to these questions. Service demand:  1. I am confident that the healthcare service where I work can manage current patient demand related to COVID-19	radio (Matrix)  1 strongly disagree  2 disagree  3 somewhat disagree  4 neither agree nor disagree  5 somewhat agree  6 agree  7 strongly agree.
38	service_demand_2	2. I am confident that the healthcare service where I work can continue to manage patient demand related to COVID-19 over the next 3 months.	radio (Matrix)  1 strongly disagree  2 disagree  3 somewhat disagree  4 neither agree nor disagree  5 somewhat agree  6 agree  7 strongly agree.
39	control_procedure_1	Section Header: Knowledge of recommended infection prevention and control procedures When providing direct medical care to suspected or confirmed COVID-19 cases, excluding during aerosol-generating procedures, which of the following procedures are currently recommended in your country for preventing transmission?  Hand hygiene	radio (Matrix)  1 Yes  2 No  3 Not sure
40	control_procedure_2	N95 respirator (FFP2 or equivalent)	radio (Matrix)  1 Yes 2 No 3 Not sure
41	control_procedure_3	Other types of medical mask (if yes. which one)	radio (Matrix)  1 Yes  2 No  3 Not sure
42	control_procedure_4	Fluid-resistant gown	radio (Matrix)  1 Yes  2 No  3 Not sure

43	control_procedure_5	Disposable apron	radio (Matrix)  1 Yes  2 No  3 Not sure
44	control_procedure_6	Gloves	radio (Matrix)  1 Yes  2 No  3 Not sure
45	control_procedure_7	Full body suit	radio (Matrix)  1 Yes  2 No  3 Not sure
46	control_procedure_8	Eye protection (i.e. goggles or face shield)	radio (Matrix)  1 Yes  2 No  3 Not sure
47	control_procedure_9	Single use equipment	radio (Matrix)  1 Yes  2 No  3 Not sure
48	control_procedure_10	Other	radio (Matrix)  1  Yes  2  No  3  Not sure
49	medicalmasktype Show the field ONLY if: [control_procedure_3] = '1'	If Other types of medical mask is yes, which one:	text Custom alignment: RH
50	other_procedure  Show the field ONLY if: [control_procedure_10] = '1'	If Other, please specify:	text Custom alignment: RH
51	skills_1	Section Header: <i>Skills</i> I feel I have received sufficient training in the infection prevention and control practices specifically for COVID-19	radio (Matrix)  1 strongly disagree  2 disagree  3 somewhat disagree  4 neither agree nor disagree  5 somewhat agree  6 agree  7 strongly agree.
52	skills_2	I have received general training for infection, prevention and control procedures for other communicable diseases	radio (Matrix)  1 strongly disagree  2 disagree  3 somewhat disagree  4 neither agree nor disagree  5 somewhat agree  6 agree  7 strongly agree.

	53	skills_3	I am confident in my ability to correctly don and doff personal protective equipment to prevent transmission of	rac	lio (Matrix)	
			COVID-19 to others and myself	1	strongly disagree	
			·	2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	54	belief	Section Header: Beliefs about capabilities	rac	lio (Matrix)	
			l am confident that l am able to follow recommended	1	strongly disagree	
			procedures related to personal protective equipment (PPE)	2	disagree	
			for COVID-19 e.g. appropriate use and disposal of gloves, apron and fluid resistant surgical mask	3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	-	
				7	0	
				Ľ	strongly agree.	
	55	social_role	Section Header: Social/professional role	rac	lio (Matrix)	
			l feel it is my professional responsibility to take all measures necessary to care for COVID-19 patients	1	strongly disagree	
				2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	56	conseq_beliefs_1	Section Header: Beliefs about consequences	rac	lio (Matrix)	
			I believe that the protective procedures at work are	1	strongly disagree	
			sufficiently effective to prevent the spread of COVID-19 in the health facility where I work	2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	F-7	concoa bolista 2	Following the infection was entire and			
	57	conseq_beliefs_2	Following the infection prevention and control recommendations will protect me from becoming ill with	1	lio (Matrix) strongly disagree	
			COVID-19	2	disagree	
				$\vdash$		
				$\vdash$	somewhat disagree	
				4	neither agree nor disagree	
				$\vdash$	somewhat agree	
				6		
				7	strongly agree.	
	58	conseq_beliefs_3	Following recommended infection, prevention and control	rac	lio (Matrix)	
			procedures adds significant additional strain to my workload	1	strongly disagree	
				2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
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	59	intentions	Section Header: Intentions	rac	lio (Matrix)	
			I intend to always use the recommended personal protective equipment (medical mask, eye protection, gown	1	strongly disagree	
			and gloves) when taking care of patients with suspected or	2	disagree	
			confirmed COVID-19 when I have access to these	3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	60	environment_context_1	Section Header: Environmental context and resources	rac	lio (Matrix)	
			In the health facility where I work, I have access to clear	1	strongly disagree	
			policies and protocols for everyone to follow related to infection prevention and control procedures for COVID-19	2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	61	environment_context_2	I can easily access personal protective equipment (PPE) in	rac	lio (Matrix)	
		environment_context_2	line with standard infection control precautions, for	1	strongly disagree	
			example, gloves, gown, eye protection and medical mask	2	disagree	
			for COVID-19 in the hospital where I work	3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	_	
				7	strongly agree.	
	62	environment_context_3	In the health facility where I work there are dedicated isolation facilities for patients with suspected COVID-19	rac	lio (Matrix) strongly disagree	
				1		
				2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6		
				7	strongly agree.	
	63	environment_context_4	The health facility where I work receives good support	rac	lio (Matrix)	
			from national/ regional/ local public health authorities, who provide guidance and training on how to manage	1	strongly disagree	
			COVID-19	2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
	64	supplies_1	Section Header: During my last clinical shift, I had adequate supplies of	rac	io (Matrix)	
			the following materials: Hand alcohol	1	strongly disagree	
			TIATIU AICOTOI	2	disagree	
				3	somewhat disagree	
				4	neither agree nor disagree	
				5	somewhat agree	
				6	agree	
				7	strongly agree.	
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65	supplies_2	Hand soap	rac	io (Matrix)	
			1	strongly disagree	
			$\vdash$	disagree	
			-	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
66	supplies_3	Running water	rac	lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
67	supplies_4	N95 respirator (FFP2 or equivalent)	rac	lio (Matrix)	
"			1	strongly disagree	
			2	disagree	
			$\vdash$	somewhat disagree	
			$\vdash$	neither agree nor disagree	
			$\vdash$	somewhat agree	
			$\vdash$	agree	
			7	strongly agree.	
	1	105			
68	supplies_5	N95 respirator (FFP1 or equivalent)	rac	lio (Matrix) strongly disagree	
			2		
			$\vdash$	disagree	
			$\vdash$	somewhat disagree	
			$\vdash$	neither agree nor disagree	
			5		
			$\vdash$	agree	
			7	strongly agree.	
69	supplies_6	Surgical mask	rac	lio (Matrix)	
			1	strongly disagree	
			$\vdash$	disagree	
			$\vdash$	somewhat disagree	
			$\vdash$	neither agree nor disagree	
			-	somewhat agree	
			$\vdash$	agree	
			7	strongly agree.	
70	supplies_7	Fluid-resistant gown	rac	lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
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71	supplies_8	Disposable apron	rac	lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
72	supplies_9	Gloves	rac	lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			-	somewhat disagree	
			-	neither agree nor disagree	
			$\vdash$		
			$\vdash$	somewhat agree	
			-	agree	
			<u></u>	strongly agree.	
73	supplies_10	Full body suit		lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
74	supplies_11	Eye protection (i.e. goggles or face shield)	rac	lio (Matrix)	
			1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
75	social influence 1	Section Header: Social Influences			
75	social_influence_1	Most of my colleagues regularly follow infection,	1	lio (Matrix) strongly disagree	
		prevention and control measures (for example, regular	2	disagree	
		hand washing, use of personal protective equipment, proper disposal of equipment)	3	somewhat disagree	
		F F moreour or adalements	4	neither agree nor disagree	
			$\vdash$		
			5	somewhat agree	
			$\vdash$	agree	
			7	strongly agree.	
76	social_influence_2	It is expected that in my role as a healthcare professional	rac	lio (Matrix)	
		that I will follow infection prevention and control measures	1	strongly disagree	
			2		
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
1				·	

77	social_influence_3	I am encouraged and supported by senior medical/nurse staff to apply recommended infection prevention and	rac	lio (Matrix)	
		control measures		strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
78	social_influence_4	The local community where I currently live day-to-day are	rac	lio (Matrix)	
		generally supportive of healthcare workers	1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			١⊢	agree	
			7	strongly agree.	
			<u> </u>		
79	emotion_1	Section Header: <i>Emotion</i> I am concerned about the risk to myself of becoming ill	rac 1	lio (Matrix) strongly disagree	
		with COVID-19	l⊢		
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
80	emotion_2	I am concerned about the risk to my family related to	rac	io (Matrix)	
		COVID-19 as a result of my job role	1	strongly disagree	
			2	disagree	
			3	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			6	agree	
			7	strongly agree.	
81	emotion_3	I am afraid of looking after patients who are ill with COVID-	rac	lio (Matrix)	
	_	19	1	strongly disagree	
			2	disagree	
			I⊢	somewhat disagree	
			4	neither agree nor disagree	
			5	somewhat agree	
			l⊢	agree	
			7	strongly agree.	
			<u> </u>		
82	emotion_4	I accept that the risk of getting COVID-19 is part of my job	rac	lio (Matrix)	
				strongly disagree	
			I—	disagree	
			ı⊢	somewhat disagree	
			l⊢	neither agree nor disagree	
			ı⊢	somewhat agree	
			╌		
			7	strongly agree.	

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	83	emotion_5	Whether I get infected with COVID-19 is within my control	rad	io (Matrix) strongly disagree	
				-	disagree	
				١⊢		
				ı⊢	somewhat disagree	
				١⊢	neither agree nor disagree	
				١⊢	somewhat agree	
				11—	agree	
				7	strongly agree.	
	84	wellbeing_1	Section Header: WHO Wellbeing 5: Over the last two weeks	rad	io (Matrix)	
			I have felt cheerful and in good spirits	1	all of the time	
				2	most of the time	
				3	more than half of the time	
				4	less than half of the time	
				5	some of the time	
				6	at no time	
	85	wellbeing_2	l have felt calm and relaxed	rad	io (Matrix)	
				1	all of the time	
				2	most of the time	
				3	more than half of the time	
				4	less than half of the time	
				5	some of the time	
				6	at no time	
	86	wellbeing_3	I have felt active and vigorous	rad	io (Matrix)	
		<b>0–</b>	Ü		all of the time	
				2	most of the time	
				3	more than half of the time	
				4	less than half of the time	
				5	some of the time	
				6	at no time	
-	87	wellbeing_4	I woke up feeling fresh and rested	느	io (Matrix)	
					all of the time	
				l <del></del>	most of the time	
				⊩	more than half of the time	
				IН	less than half of the time	
				I	some of the time	
				⊩	at no time	
	00		And the leading of the latest and th	닏		
	88	wellbeing_5	My daily life has been filled with things that interest me	rad	io (Matrix) all of the time	
					most of the time	
				⊩	more than half of the time	
				ı⊢		
				Ι—	less than half of the time	
				١⊢	some of the time	
					at no time	

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89	trust_1	Section Header: Trust in health facility (amended from validated measure)	radio (Matrix)
		The health facility where I work is ready to manage COVID-	1 all of the time
		19	2 most of the time
			3 more than half of the time
			4 less than half of the time
			5 some of the time
			6 at no time
90	trust_2	The health facility where I work are being honest with staff when managing COVID-19	radio (Matrix)
			1 all of the time
			2 most of the time
			3 more than half of the time
			4 less than half of the time
			5 some of the time
			6 at no time
91	trust_3	The health facility where I work would act in the best	radio (Matrix)
		interests of its staff when managing COVID-19	1 all of the time
			2 most of the time
			3 more than half of the time
			4 less than half of the time
			5 some of the time
			6 at no time
92	psychological_1	Section Header: Psychological Health	radio (Matrix)
		The health facility where I work provides counselling and	1 Yes
		social support for HCWs to keep me motivated so as to give my best attention to prevent infection and control the	2 No
		spread of COVID19	
93	psychological_2	There are provisions/ opportunities within the health	radio (Matrix)
		facility to report and discuss challenges I encounter in preventing infection and control the spread of COVID19	1 Yes
		during the course of my work	2 No
94	psychological_3	Reported challenges and problems are quickly addressed	radio (Matrix)
		by the administration and respective persons in the health	1 Yes
		facility	2 No
95	psychological_4	I receive respite whenever I feel overwhelmed or physically	radio (Matrix)
	_	and psychologically exhausted	1 Yes
			2 No
96	date	Date of Completion	text (date_dmy), Required, Identifier
97	survey_complete	Section Header: Form Status	dropdown
	,- '	Complete?	0 Incomplete
			1 Unverified
			2 Complete
			<u>'</u>