

Questionnaire developed for the study on:

Health Beliefs Model and Vaccine Acceptance: Insights from the COVID-19 Pandemic among Non-Medical Personnel in Mwanza, Tanzania

Researchers: Godfrey W. Mosha, Titus Robert Leeyio, Robert Kitambo and Eveline Thobias Konje

Section A: Socio-demographic characteristics (circle the responses)

Sno.	Questions	Response
1	Name of facility (write the name)	
2	Level of health facility	1. Dispensary 2. Health center 3. Tertiary Hospital 4. Regional Hospital 5. District Hospital
3	Age in complete years	-----
4	Gender of participant	1. Female 2. Male
5	Education level of participant	1. Primary and Secondary 2. Tertiary (college/university)

Section B: Medical/Health history

Sno.	Question	Response
1	Do you have any chronic disease?	1. Yes 2. No
2	If yes, tick all that are appropriate to you	1. Hypertension 2. Cancer 3. Heart disease 4. Diabetes Mellitus 5. Asthma 6. Kidney failure 7. Arthritis 8. Stroke 9. Others

Section C: General health behavior

Sno.	Questions	Response
1	Do you currently smoke?	1. Yes 2. No
2	Do you exercise regularly?	1. Yes 2. No
3	Ever received a vaccination eg. hep B virus?	1. Yes 2. No
4	Have you received a covid_19 vaccination?	1. Yes 2. No

Section D: History of covid exposure, attending training on covid prevention

Sno.	Questions	Response
1	Did you suffer covid like symptoms during 1 st or 2 nd or 3 rd wave?	1. Yes 2. No
2	Were you confirmed to be a covid case?	1. Yes 2. No

3	During pandemic period (3 rd wave), did you take care of a confirmed or suspected covid case in your household?	1. Yes 2. No
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Section E: Attitude and Acceptability towards vaccine

1	A vaccine to protect against COVID-19 is available in Tanzania, would you get vaccinated as soon as possible?	<i>Tick only one response</i> 1. Definitely yes, 2. Possibly yes 3. Probably not 4. Definitely not 5. Do not know
2	Are there any reasons you would not get vaccinated to protect against COVID-19?	<i>Tick ALL that apply to you</i> 1. I think the vaccine has been rushed through or has not been adequately tested 2. Fear of side effects or that the vaccine will make me sick 3. Lack of information about the vaccine or want more information before deciding 4. Do not believe it will be effective or do not believe it will protect me against COVID19 5. Do not believe it is necessary I think or I have had COVID-19 so I am protected 6. I do not believe it is necessary for religious reasons – my religion or my belief will protect me 7. I believe the vaccine is part of a conspiracy to harm, track or control people 8. I do not trust vaccines generally 9. I do not trust the countries or governments producing the vaccines 10. If it is said vaccines are mandatory or compulsory, I will not be forced to take it (it is my choice) 11. No reasons – I would get the vaccine 12. Other (specify) 13. Do not know

Section F: Vaccination Hesitancy Scale

Sno.	Statements	Strongly disagree	Disagree	Neutral	Agree	Strongly Agree
1	Covid vaccines are important for my health					
2	Covid vaccines are effective					
3	If I will be vaccinated with covid will be important for the health of others in my community					
4	All vaccines offered by the government program in my community are beneficial					
5	New vaccines including covid vaccine carry more risks than older vaccines					
6	The information I receive about vaccines from the vaccine program is reliable and trustworthy					
7	Getting vaccines is a good way to protect myself from disease					
8	I do what my doctor or health care provider recommends about vaccines for my health					

9	I am concerned about serious adverse effects of vaccines					
10	I do not need vaccines for diseases that are not common anymore					

Section G: Health Belief Model and Theory of Planned Behavior Questions

Block	Statement	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Perceived susceptibility	I believe that if I do not get vaccinated, the likelihood of me getting infected with corona will increase	1	2	3	4	5
	I believe that if I do not get vaccinated, the likelihood of my family and relatives getting infected with Corona will increase	1	2	3	4	5
Perceived severity	Even if I will get infected with COVID-19 I do not think it will cause me significant suffering or complications	1	2	3	4	5
	Even if I get infected with COVID-19, the likelihood of recovering from the disease is very high	1	2	3	4	5
Perceived benefits	I believe that COVID-19 vaccine will have high efficacy in preventing significant suffering and complications of the disease	1	2	3	4	5
	I believe that if I get vaccinated against COVID-19 the risk of getting infected with the disease or infecting others will decrease	1	2	3	4	5
Perceived barriers	Concerned with the efficacy of vaccine available	1	2	3	4	5
	Concerned with safety of available vaccine	1	2	3	4	5
	Concerned with halal nature of vaccination	1	2	3	4	5
	Vaccine program is designed to reduce population	1	2	3	4	5
Cues to action	The chances of me getting vaccinated against COVID-19 will increase if opinion leaders on social media express support for the benefit of the vaccine	1	2	3	4	5
	The chances of me getting vaccinated against COVID-19 will increase if friends and family express support for the benefit of the vaccine	1	2	3	4	5
	The chances of me getting vaccinated against COVID-19 will increase after receiving complete information	1	2	3	4	5
	The chances of me getting vaccinated against COVID-19 will increase if it will be mandatory	1	2	3	4	5
	Will get vaccine if it does not cause undue problems to vaccinated people	1	2	3	4	5
	I exercise as recommended for my age	1	2	3	4	5

Health motivation	I make sure to eat a healthy and varied diet	1	2	3	4	5
Attitude	Getting vaccinated is a tedious process that requires time and effort	1	2	3	4	5
Subjective norms	Most of my friends will support the COVID-19 vaccine	1	2	3	4	5
	If I tell my friends and relatives that I intend to get vaccinated against COVID-19 when a vaccine is available, they will respond positively	1	2	3	4	5
PBC	If I am offered a vaccine against COVID-19 for the coming winter, I'm sure I'll be vaccinated, and this decision is entirely up to me.	1	2	3	4	5
Self-efficacy	If I take all the necessary precautions (disinfection of hands, etc.) I do not need to be vaccinated against corona	1	2	3	4	5