

Supplementary File 1

Structured Questionnaire

Title: Factors associated with acceptability of Video Directly Observed Therapy Selfie (VDOT) Method for Tuberculosis Treatment Adherence among Tuberculosis patients in Kampala, Uganda

Participant ID number

	Questions	Responses
Section A: Socio-demographics		
A1	What is your sex?	1. Male 2. Female
A2	What is your age? (in complete years) years old
A3	What is your religion?	1. Anglican 2. Catholic 3. Muslim 4. Pentecostal (born again) 5. SDA 6. Others (Specify).....
A4	What is your education level?	1. No education 2. Primary 3. Secondary 4. More than Secondary
A5	What is your occupation?	1. Professional/technical/managerial 2. Clerical, sales and services 3. Skilled agricultural/forestry/fishery 4. Craft and trade, 5. Plant/machine operator 6. Elementary occupations 7. None 8. Other (Please Specify)

A6	What is your marital status?	<ol style="list-style-type: none"> 1. Never Married 2. Married 3. Living together 4. Divorced/ Separated 5. Widowed
A7	Do you have dependents?	<ol style="list-style-type: none"> 1. Yes 2. No
A7a	If yes to A7, how many dependents?
A8	How many Household members do you stay with?	<ol style="list-style-type: none"> 1. None 2. 1-2 3. 3-6 4. 7-10 5. >10
A9	What is your monthly household income?	<ol style="list-style-type: none"> 1. <UGX100,000/= 2. UGX 100,000 - 300,000/= 3. UGX 300,000 -500,000/= 4. Ugx 500,000-1M 5. UGX 1M 3M 6. >UGX 3M

Section B: Acceptability of VDOT

B1	To what extent do you agree or disagree that using VDOT Selfie for tuberculosis medication adherence is acceptable?	<ol style="list-style-type: none"> 1 - Strongly Disagree 2 - Disagree 3 - Neither Agree nor Disagree 4 - Agree 5 - Strongly Agree
B2	How likely are you to use VDOT Selfie for tuberculosis medication adherence in the future?	<ol style="list-style-type: none"> 1 - Very Unlikely 2 - Unlikely 3 - Neutral 4 - Likely 5 - Very Likely

B3	How acceptable do you find the idea of using VDOT Selfie for tuberculosis medication adherence?	1 - Not at all Acceptable 2 - Slightly Acceptable 3 - Neutral 4 - Acceptable 5 - Very Acceptable
B4	If given the opportunity, how likely would you be to adopt VDOT Selfie for tuberculosis medication adherence?	1 - Very Unlikely 2 - Unlikely 3 - Neutral 4 - Likely 5 - Very Likely
B5	In a scenario where you were asked to use VDOT Selfie for tuberculosis medication adherence, how willing would you be to try it?	1 - Very Unwilling 2 - Unwilling 3 - Neutral 4 - Willing 5 - Very Willing
SECTION B: Attitudes towards adoption of VDOT		
C1	How positively do you feel about using VDOT Selfie for TB medication adherence?	1 - Very Negative 2 - Negative 3 - Neutral 4 - Positive 5 - Very Positive
C2	To what extent do you believe using VDOT Selfie for TB medication adherence would benefit you?	1 - Not at all beneficial 2 - Slightly beneficial 3 - Moderately beneficial 4 - Very beneficial 5 - Extremely beneficial
C3	How much would you trust healthcare providers in their recommendation of VDOT Selfie for TB medication adherence?	1 - No trust at all 2 - Little trust 3 - Some trust 4 - Much trust 5 - Complete trust
C4	How motivated are you personally to use VDOT Selfie for TB medication adherence?	1 - Not motivated at all 2 - Slightly motivated

		3 - Moderately motivated 4 - Very motivated 5 - Extremely motivated
C5	How much do you feel social stigma would affect your decision to use VDOT Selfie for TB medication adherence?	1 - Not at all affected 2 - Slightly affected 3 - Moderately affected 4 - Very affected 5 - Extremely affected
SECTION D: Technology related factors		
D1	Do you currently have a private mobile smartphone phone?	1. Yes 2. No
D2	If “YES” Does your smartphone have internet access?	1. Yes 2. No
D3	How easy is it to record videos using a mobile smartphone?	1. Very easy 2. Easy 3. Neither easy nor difficult 4. Difficult 5. Very difficult
Perceived Ease of Use of VDOT		
D4	How user-friendly do you find the interface of VDOT Selfie?	1 - Not user-friendly at all 2 - Slightly user-friendly 3 - Moderately user-friendly 4 - Very user-friendly 5 - Extremely user-friendly
D5	How easy do you think it would be to use VDOT Selfie and integrate it into your daily routine?	1 - Not easy at all 2 - Slightly easy 3 - Moderately easy 4 - Very easy 5 - Extremely easy
D6	How important is the ease of use of VDOT Selfie in your decision to use it?	1 - Not important at all 2 - Slightly important 3 - Moderately important

		4 - Very important 5 - Extremely important
D7	How confident are you in your ability to use VDOT Selfie after receiving training?	1 - Not confident at all 2 - Slightly confident 3 - Moderately confident 4 - Very confident 5 - Extremely confident
D8	How much do you believe technical support and training would enhance your ability to use VDOT Selfie effectively?	1 - Not enhance at all 2 - Slightly enhance 3 - Moderately enhance 4 - Very 5 - Extremely enhance
Perceived Usefulness of VDOT		
D8	How useful do you believe VDOT Selfie would be in helping you remember to take your medication?	1 - Not useful at all 2 - Slightly useful 3 - Moderately useful 4 - Very useful 5 - Extremely useful
D9	To what extent do you think VDOT Selfie would improve your adherence to your medication regimen?	1 - Not improve at all 2 - Slightly improve 3 - Moderately improve 4 - Great 5 - Greatly improve
D10	How likely do you think VDOT Selfie would help you take your medication correctly?	1 - Not likely at all 2 - Slightly likely 3 - Moderately likely 4 - Very likely 5 - Extremely likely
D11	How much do you believe VDOT Selfie would assist you in managing your medication schedule?	1 - Not assist at all 2 - Slightly assist 3 - Moderately assist 4 - Very 5 - Extremely assist

D12	How valuable do you think VDOT Selfie would be in helping you stick to your medication routine?	1 - Not valuable at all 2 - Slightly valuable 3 - Moderately valuable 4 - Very valuable 5 - Extremely valuable
SECTION E: Health facility related factors		
E1	What is the distance from your home to this health facility? km
E2	What would you say about the distance from your home to the health facility?	1. Near 2. Far
E3	How much do you spend to and fro to the health facility?UGX
E4	What challenges do you face while accessing this health facility?	1. Transport is expensive 2. Traffic congestion on the road 3. Motion sickness while traveling 4. I cannot come on my own(disabled) 5. Others (Please Specify)
Healthcare System Support		
E5	How do you rate the potential availability of healthcare providers to assist with integrating VDOT Selfie into TB treatment?	1 - Very poor 2 - Poor 3 - Neutral 4 - Good 5 - Excellent
E6	Do you feel that there is sufficient availability of healthcare staff and effective coordination of resources for TB treatment?	1 - Strongly disagree 2 - Disagree 3 - Neither agree nor disagree 4 - Agree 5 - Strongly agree
Privacy and Confidentiality Concerns		

E7	How confident would you be in the privacy and confidentiality of your data when using VDOT Selfie for TB treatment?	1 - Not confident at all 2 - Slightly confident 3 - Moderately confident 4 - Very confident 5 - Extremely confident
E8	To what extent do you feel you would have control over the sharing of your data when using VDOT Selfie?	1 - No control 2 - Little control 3 - Moderate control 4 - High control 5 - Very High control
Previous Experience and Exposure		
E9	Have you had any previous experience with using digital health technologies for healthcare?	1. Yes 2. No
E10	How would you rate your level of awareness regarding the benefits and limitations of using VDOT Selfie for TB treatment?	1 - Very low awareness 2 - Low awareness 3 - Moderate awareness 4 - High awareness 5 - Very high awareness
E11	What challenges do you foresee in using VDOT Selfie for TB medication adherence?	1. Technical issues with the app 2. Concerns about privacy and confidentiality 3. Lack of access to a suitable device 4. Limited understanding of how to use the technology 5. Other (please specify)