

Questionnaire

Study title: Exploring the Role of Social Networks in Lymphatic Filariasis Mass Drug Administration Participation in Ghanaian Communities

Names of authors:

Dominic Dormenyo Gadeka^{1*}, Jeffrey Gabriel Sumboh², Kojo Mensah Sedzro³, Collins S. Ahorlu³, Dziedzom K. de Souza²

Affiliations for authors:

¹Department of Health Policy, Planning and Management, University of Ghana School of Public Health, Legon-Accra, Ghana

²Department of Parasitology, Noguchi Memorial Institute for Medical Research, College of Health Sciences, University of Ghana, Accra, Ghana

³Department of Epidemiology, Noguchi Memorial Institute for Medical Research, College of Health Sciences, University of Ghana, Accra, Ghana

Email addresses of authors:

Dominic Dormenyo Gadeka: dgadeka@ug.edu.gh , dgadeka@gmail.com

Jeffrey Gabriel Sumboh: JSumboh@noguchi.ug.edu.gh

Kojo Mensah Sedzro: sedzro@gmail.com

Collins S. Ahorlu: cahorlu@noguchi.ug.edu.gh

Dziedzom K. de Souza: ddesouza@noguchi.ug.edu.gh

Name and full postal address of corresponding author:

Dominic Dormenyo Gadeka

Department of Health Policy, Planning and Management

University of Ghana School of Public Health

P. O. Box LG13

Legon, Accra, Ghana

dgadeka@ug.edu.gh , dgadeka@gmail.com

Variable	Question	Logic	Choices
<i>version</i>	Verion: \${version_c}		[Enumerator Note]
<i>ENUMID</i>	Enumerator code		[010] Joseph Otchere [020] Nii Arku Laryea [030] Jeffrey Sumbob
<i>note_consent</i>	Administer informed consent. If subject agrees to participate, proceed with survey.		[Enumerator Note]
<i>consent</i>	Do you agree to participate in this survey?	yes	[0] No [1] Yes
<i>Section Name</i>	STUDY AREA INFORMATION PANEL	selected(\${consent},'1')	
<i>district</i>	District		[1] Ahanta West [2] Ellembelle
<i>community</i>	Communities/ Locality		[101] Abasi [102] Azani [201] Mempeasem [202] Asem-da
<i>interviewno</i>	Interview Number		[Integer]
<i>hnum</i>	House number		[Text]
<i>seed</i>	Seed		[Text]
<i>Section Name</i>	SOCIO-DEMOGRAPHIC CHARACTERISTICS	selected(\${consent},'1')	
<i>Note2</i>	READ TO RESPONDENT: "I would like to ask you some questions about yourself including your age,eductaion etc,...."		[Enumerator Note]
<i>q01</i>	Name of respondent		[Text]
<i>q02</i>	Is name in the register?		[0] No [1] Yes
<i>q03</i>	Age (in completed years)		[Integer]
<i>q04</i>	Enter respondent's sex		[1] Male [2] Female
<i>q05</i>	Position in the family		[1] Male head of household [2] Female head of household [3] Child
<i>q06</i>	Level of education		[1] No formal education [2] Primary [3] JHS

Variable	Question	Logic	Choices
			[4] SHS [4] Technical/Vocational [5] Tertiary [99] Other, specify
<i>q06x</i>	Other specify	$\$(q06)='99'$	[Text]
<i>q07</i>	Religious affiliation		[1] Christian [2] Muslim [3] Traditional [4] No religion [99] Other, specify
<i>q07x</i>	Other specify	$\$(q07)='99'$	[Text]
<i>q08</i>	What is your occupation?		[1] Farming [2] Fishing [3] Farming + Fishing [4] Trade/Business [5] Official employee [6] Casual labor [99] Other, specify
<i>q08x</i>	Other specify	$\$(q08)='99'$	[Text]
<i>q09</i>	Relationship status		[1] Single [2] Married [3] Divorced/separated [4] In a relationship but not married [5] Remarried [6] Widowed
<i>q09x</i>	Other specify	$\$(q09)='99'$	[Text]
<i>stay</i>	Duration of stay in the community		[Integer]
<i>Section Name</i>	Knowledge Of Lymphatic Filariasis (Elephantiasis)	$\text{selected}(\$(\text{consent}), '1')$	
<i>Note3</i>	Read to the respondent: The next few questions is about knowledge of lymphatic filariasis		[Enumerator Note]
<i>q10</i>	Do you know or have you ever heard of LF?		[0] No [1] Yes
<i>q11</i>	If yes to Q10, how did you hear of this disease?	$\$(q10)='1'$	[1] CDD [2] Disease control officer [3] Community health nurses [4] Media (TV, radio, newspapers, internet etc.) [5] Friends [6] Relatives [99] Other (specify):

Variable	Question	Logic	Choices
<i>q11x</i>	Other specify		[Text]
<i>q12</i>	If No to Q10, what means of communication will make you hear about the disease faster?	$\$(q10)='0'$	[Text]
<i>q13</i>	Do you know what causes LF?		[0] No [1] Yes
<i>q14</i>	If yes to Q13, what do you think causes the disease?	$\text{selected}(\$(q13), '1')$	[1] Mosquitoes [2] Pollution [3] Cold Weather [4] Wind [5] Poor hygiene /Dirty environment [6] Sweet foods/Sugar [7] Oily foods / peanuts [8] Rain/ Standing water [9] Eggs [10] Witchcraft. curse [98] Don't know [99] Other (specify
<i>q14x</i>	Other specify	$\text{selected}(\$(q14), '99')$	[Text]
<i>q15</i>	Do you know any sign or symptom of LF?		[0] No [1] Yes
<i>q16</i>	If yes to Q15, which would you consider?	$\text{selected}(\$(q15), '1')$	[1] High body temperature (fever) [2] Swollen scrotum [3] Swollen breasts [4] Swollen legs [5] Sores on the body [98] Don't know [99] Others (specify):
<i>q16x</i>	Other specify	$\text{selected}(\$(q16), '99')$	[Text]
<i>q17</i>	Do you think you are at risk of being infected with LF		[0] No [1] Yes
<i>Section Name</i>	Compliance To Treatment	$\text{selected}(\$(consent), '1')$	
<i>Note3_001</i>	Now let's talk about compliance		[Enumerator Note]
<i>q18</i>	Did you know about the LF MDA campaign for LF?		[0] No [1] Yes
<i>q19</i>	If yes to Q18, how did you hear about it?	$\$(q18)='1'$	[1] Radio [2] TV [3] Gongong beater [4] Poster [5] Friend/social network

Variable	Question	Logic	Choices
			[6] CDD [99] Other
q20	Did you receive any drugs during the last treatment round?		[0] No [1] Yes
q21	If Yes to Q20, from where did you collect these drugs?	$\$(q20)='1'$	[1] CDD came to my house [2] I went to CDD's House [3] From the community centre [97] N/A
q22	If No to Q20, why not?	$\$(q20)= '0'$	[1] Absent [2] Underage [3] Pregnant/breastfeeding [4] Fear of sides effects [5] Not being informed [6] CDD didn't come to house [7] Don't believe in free things [8] I was away at work [9] We do not have a CDD [10] Tired of swallowing the drug [11] Drug is not effective [12] I think I am not having the disease [13] Don't like drugs [14] Travel [99] Other, Specify
q22x	Other specify		[Text]
q23	If yes to Q20, did you swallow the drug?	$\$(q20)='1'$	[0] No [1] Yes [2] NA
q24a	In the last 3 MDAs (including this year), how many times have you swallowed the MDA drugs? (Have the register with you and cross check the answers they give with what is in the register).		[0] Zero [1] Once [2] Twice [3] Three times
q24b	In the last 3 MDAs (including this year), has interviewee be confirmed from the register to have taken the MDA drugs		[0] Zero [1] Once [2] Twice [3] Three times
q25	How many other times (treatment rounds) have you previously taken the drugs?		[1] Once [2] Twice [3] Three times [4] Four times [5] Five times [6] Six times [7] More than 6 times [8] Forgotten [99] Other (specify):

Variable	Question	Logic	Choices
<i>q25x</i>	Other specify	<i>selected({q25}, '99')</i>	[Text]
<i>Section Name</i>	Social Networks	<i>selected({consent}, '1')</i>	
<i>Note3_002</i>	Now let's talk about compliance		[Enumerator Note]
<i>q26</i>	Do you know anyone who has refused/stopped taking these drugs?		[0] No [1] Yes
<i>q27</i>	If yes to Q26, how many people do you know?	<i>selected({q26}, '1')</i>	[Integer]
<i>q28</i>	If yes to Q26, what were the reason given?	<i>selected({q26}, '1')</i>	[1] Fear of sides effects [2] Don't believe in free things [3] Tired of swallowing the drug [4] Drug is not effective [5] Not having the disease [6] Don't like drugs [99] Other, Specify
<i>q28x</i>	Other specify	<i>selected({q28}, '99')</i>	[Text]
<i>q29</i>	Do you know any CDD personally (is (s)he your friend)?		[0] No [1] Yes
<i>q30</i>	Are you aware how CDD's are recruited?		[0] No [1] Yes
<i>q31</i>	Can you mention by name up to 10 close friends you have in this community?		[Text]
<i>Section Name</i>	LF Drug acceptability	<i>selected({consent}, '1')</i>	
<i>Note3_003</i>	Please rate your opinion on the following statements:		[Enumerator Note]
<i>q32</i>	These drugs work against LF		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q33</i>	These drugs work against itching		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q34</i>	These drugs work against intestinal worms		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q35</i>	I would take this treatment again		[1] Disagree a lot [2] Disagree

Variable	Question	Logic	Choices
			[3] Agree [4] Agree a lot
<i>q36</i>	I would recommend this treatment to my relatives		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q37</i>	I would be willing to change my family's routine so that we took the treatment again		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q38</i>	I liked this treatment		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q39</i>	This treatment is a good way to help our health problems here		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>q40</i>	Overall, this treatment will help my community		[1] Disagree a lot [2] Disagree [3] Agree [4] Agree a lot
<i>Section Name</i>	SURVEY DETAILS		
<i>Phone</i>	Mobile Number of Respondent	$\$(consent)='1'$	[Text]
<i>survey_result</i>	Result of interview		[1] Refused entry at household [2] Selected respondent in a household refuses to be interviewed [3] Selected respondent terminates the interview before it is completed [4] Selected respondent is absent for the duration of the fieldwork [5] House is lived in but no one home at time of calling (no response) [6] Selected respondent identified but not at home at time of calling [7] Selected respondent available but requested a call-back [8] Interview interrupted [9] Complete interview [10] All call backs have failed [99] Other

Variable	Question	Logic	Choices
<i>gps</i>	Collect the GPS coordinates of this household	$\$ \{ \text{consent} \} = '1'$	[Lat, Long, Alt]
<i>rid</i>	Respondent unique ID	$\$ \{ \text{consent} \} = '1'$	[Calculation]
<i>Thanks</i>	That is the end of the interview, thank you very much, I highly appreciate your time spect with me	$\$ \{ \text{consent} \} = '1'$	[Enumerator Note]