

**TITLE OF THE STUDY**: **The role of social network approaches in delivering integrated Public Health interventions: Application to HIV and schistosomiasis services**

**Principal Investigator: Dr Madalo Mukoka Cluster name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**In-Depth Interview guide for participants who participated in FISH Trial**

**Opening statements**: Thank you for taking time to talk with me. As you may remember, my name is \_\_\_\_\_. As part of our research to understand the role of social network approaches in optimizing the delivery of integrated public health interventions targeting HIV and schistosomiasis services, we are asking people who participated in FISH trial to have a discussion with us. This will give us important information on the role of social relationships in taking up health services and your views on the factors that encourage or discourage people from taking up services when approached by a fellow network member. The interview will take 30-45 minutes to complete, but feel free to let me know if you need a break at any time. You can also stop the interview if you do not want to continue the discussion. Before we begin do you have any questions?

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| No. | Question | Probe |
| 1 | You participated in the FISH trial a few months ago, can you explain your role in the study? | * Were you a peer educator (PE) or peer distributor educator (PDE)? * Were you approached by a PE/PDE? |
| 2 | You participated in the FISH trial. What motivated you to do so? | For those that received interventions from PE/PDE   * Was it ever because of who asked you to participate? * Was it because the people around you were participating? * Was it that the message shared was convincing? * Did other network members play a role in influencing the adoption of the FISH trial services? |
| 3 | Can you describe your experience of going through the process of either delivering coupons/ HIV self-testing kits (for PE/PDE) OR receiving the same via a fellow fisherman? | Please explain   * How did the process go? * How easy was delivering the message (if PE or PDE)? * Did you feel confident that you were giving the information correctly (if PE/PDE)? * Were you comfortable receiving invitations/HIVST kits via a person you knew? * Did you have any regrets? Please explain |
| 4 | Was the message delivered in-person (one-on-one or in a group) or via a call/text? Please explain |  |
| 5 | Did the use of technology play a role in whether people took up the interventions or not in the FISH trial? - | * Was it used in sharing information? * Which technologies were used? * Was it an additional source of information to reinforce intervention uptake? * Was it a source of misinformation leading to refusal to take up the interventions? |
| 6 | In this community, what are the social situations/events that are important for sharing information generally?  Which are the events where health information is shared? And how is health information shared in these events? |  |
| 7 | How are social relationships important in delivering information about health services, invitations to a health service or delivering the service itself (as in the case of HIVST kits)? Please explain |  |
| 8 | What influences did social relationships have in encouraging uptake of interventions in the FISH trial? | * In the FISH trial, what were the social relationships that made implementation easier? * Add the domains * Same boat/drinking buddies |
| 9 | What were the negative influences of social relationships in discouraging uptake of interventions within FISH trial? |  |
| 10 | Prior to the trial, what did you know about HIV?  Prior to the trial, what did you know about schistosomiasis?  And what were your beliefs and experiences related to these interventions? | * HIV prevention, testing and treatment * Schistosomiasis testing and treatment |
| 11 | What are some of the reasons why some men take up interventions when they are available at the facility or in the community (as during the FISH trial)?  How can positive influences be cultivated to encourage taking these health interventions? | * Does influence from friends or peers play a role? * Perceived risk? |
| 12 | What are some of the reasons why some men do not take up health interventions despite them being available at the facility or in the community (as during the FISH trial)?  How can negative influences be avoided during the time that information about an intervention/ service is being shared? | * Does the distance to the facility play a role? * Are they afraid of stigma? * Does awareness of the services play a role? * Are there myths related to HIV testing or schistosomiasis treatment? |
| 13 | Which group of people influence the behavior of men in this community (for any reason)?  Why do these people have such an influence? | * It could be about social developments or farming or any critical personal decisions * Responses to provide the roles/positions of these people (e.g. chiefs, parents, friends etc.) and not names |
| 14 | Can you help us map out the layers of influential men (on any matters) in this community? | * Starting with the group of people you think is most influential to the least influential |
| **Future Social Network study**  We would like to design another study where we will ask people to name other fishermen that are close to them or are otherwise important to them. Using this information, we will select those that are popular/influential and then ask them to deliver information about HIV and schistosomiasis services as was done in the FISH trial.  What aspect should we include in this intervention to make it more acceptable to men?  What things should we avoid? | | |
| 15 | In the study I have just described, we plan to take photographs of all the fishermen that will participate (upon their consent).  What can we do to make the process of taking photographs to be more acceptable to fishermen? | * If this is not acceptable, would you share with us another approach we can use to help us |
|  | To collect information about relationships among fishermen, we will use the questions below: |  |

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| **No** | **Name generator** | **Notes** |
| 1 | Who are the people on this cluster list who could give you information or advice in relation to an important life decision, such as a health or moving to another place? |  |
| 2 | Who are the people on this cluster list with whom you could confide in or talk to about your life or your problems? For example, when you are feeling sad, anxious or upset. Or who you share your secrets with? |
| 3 | Who are the people on this cluster list whom you can personally rely on for help/ can rely on you for help in cash, kind or labour, for instance borrowing money or food? |
| 4 | Who are the people on this cluster list whom you could ask for help with doing things? This might include tasks inside or outside your home or borrowing other small things. |
| 5 | Who are the people on this cluster list whom you really enjoy socializing with? This might include people who have visited you, or whom you visited, or with whom you went out somewhere? |
| 6 | Who are the people on this cluster list whom you look up to? This might include people who inspire you or you would want to be like? |
| 7 | Who are the people on this cluster list whom you respect? |
| 8 | Who are the people on this cluster list whom you consider good leaders? This might include people who occupy some leadership positions, or do not occupy any position? |

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| 16 | We are interested to identify individuals (amongst fishermen) that can influence other fishermen to take up a health intervention.  Can you help us select the questions you think can help us to identify such people? | * Are there questions that we can add to help us with our purpose? |
| 17 | Of the questions you have selected in 16, What are your thoughts on the questions? Are they easy to understand?  How can the questions be improved? Are there words you would avoid? What are the alternative words you can use? |  |
| 18 | Of the questions you have selected in 16, What are your reasons for selecting them? |  |
| 19 | Do you have any questions or are there other things which are related to this topic that you would like to talk about? |  |