Appendix II: Study Questionnaires

PREVALENCE OF LYMPHATIC FILARIASIS INFECTIONS AND ASSOCIATED FACTORS AMONG ADULTS IN LIRA DISTRICT, NORTHERN UGANDA

CODE No: ☐

Endemicity level: Hyper endemic=1 Meso endemic=2 Hypo endemic =3

Sub County Name ..... Parish Name .....Village Name .....

1. Individuals/Socio-demographic factors

1. Code of participant.....Age---------- Individual No:.....
2. Sex: Male =1 Female =2
3. Highest education level attained:
   a. Primary = 1 Secondary = 2 Institution =3
4. What is your occupation? Farmer=1 Business=2 Student=3 Civil Servant=4
   a. Other specify .....
5. On average, how much do you earn monthly?
   a. 0 to 9,000=1 10,000 to 50,000=2 51,000 to 100,000=3 100,001 to 200,000=4
   b. 200,001 and above=5
6. Marital status: Single = 1 Married = 2 Divorced =3
7. Family size: ----------
8. Place of residence? Rural = 1 Urban = 2
9. Religion: Christian =1 Moslem =2 Pagan =3 Others =4

2.Prevalence of Lymphatic Filariasis infections and associated factors

1. How many individuals in the community have been diagnosed with lymphatic filariasis?
2. How many cases of lymphatic filariasis have been reported in the past year?
3. What is the percentage of the population that has received treatment for lymphatic filariasis?
4. How many individuals have been tested for lymphatic filariasis in the community?
5. Are there any ongoing mass drug administration programs for lymphatic filariasis in the area?
6. What is the rate of transmission of lymphatic filariasis in the community?
7. What is the prevalence of lymphatic filariasis among different age groups in the population?

LUREC
LIRA UNIVERSITY
APPROVED. VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

CamScanner

8. Are there any known risk factors for contracting lymphatic filariasis in the community?

9. What efforts are being made to raise awareness about lymphatic filariasis and how to prevent it in the community?

Knowledge on Lymphatic Filariasis

Note; IPT= Intermittent Preventive Treatment using Albendazole and ivermectin.

ITN= Intermittent Treated bed Net.

1. Have you ever heard about Lymphatic Filariasis?
   a) Yes (continue to the next question)
   b) No
2. If yes, what is lymphatic filariasis?
   a) Disease caused by socio economic factors
   b) Disease caused by individual factors
   c) Disease caused by poor health seeking behavior
   a) Others, specify.....
3. How many times does a person falls sick before developing signs like swelling of hands or leg?

   .....

4. What signs/symptoms or feelings makes a person suspect that he/she has lymphatic filariasis?
   a)
   .....
   b)
   .....
   c)
   .....
   d) .....
   e) .....
   f) .....
   g) .....

LUREC
LIRA UNIVERSITY
APPROVED. VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

CamScanner

5. What can happen to a person who does not seek treatment for lymphatic filariasis infections?

a) .....

b) .....

c) .....

d) .....

e) .....

f) .....

6. Do you know that lymphatic filariasis can be prevented?

a) Yes (continue to the next question)

b) No (skip the next question)

If yes, how can lymphatic filariasis infections be prevented?

a) .....

b) .....

c) .....

d) .....

e) .....

7. Have you ever heard of MDA (Albendazole, ivermectin) and ITN given to patients of lymphatic filariasis when they seek medical treatment?

a) Yes, both MDA and ITN.

b) Yes, MDA only.

c) Yes, ITN only.

d) No

8. Which is the most appropriate schedule to start taking Albendazole and ivermectin?

a) Before developing LF infections

b) After developing LF infections

c) I don't know

d) Others, specify.....

3.Health Systems Factors

Please indicate your agreement with the following statements by ticking your response:

1. I believe that Lymphatic filariasis is a serious threat to an individual and the health systems functioning.

LIRA UNIVERSITY
APPROVED, VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

CamScanner

a) Strongly Agree
b) Agree
c) Neutral
d) Disagree
e) Strongly Disagree

2. I feel confident in my ability to take actions to prevent lymphatic filariasis infections in the community.
   a) Strongly Agree
   b) Agree
   c) Neutral
   d) Disagree
   e) Strongly Disagree
3. Preventing the spread of lymphatic filariasis is a top priority for me.
   a) Strongly Agree
   b) Agree
   c) Neutral
   d) Disagree
   e) Strongly Disagree
4. I am aware of the various preventive measures for lymphatic filariasis infections (e.g., bed nets, albendazole and ivermectin medications).
   a) Strongly Agree
   b) Agree
   c) Neutral
   d) Disagree
   e) Strongly Disagree
5. I believe that taking preventive measures for lymphatic filariasis is inconvenient.
   a) Strongly Agree
   b) Agree c)
   Neutral d)
   Disagree
   e) Strongly Disagree
6. I trust the information provided by healthcare professionals regarding lymphatic filariasis infections in the community.

LIRA UNIVERSITY
APPROVED, VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

a) Strongly Agree
b) Agree
c) Neutral
d) Disagree
e) Strongly Disagree

7. I am willing to adopt new practices suggested by healthcare professionals to prevent lymphatic filariasis infections.
   a) Strongly Agree
   b) Agree
   c) Neutral
   d) Disagree
   e) Strongly Disagree

8. I believe that preventing the spread of Lymphatic filariasis infections is primarily the responsibility of healthcare providers.
   a) Strongly Agree
   b) Agree
   c) Neutral
   d) Disagree
   e) Strongly Disagree

Socio economic factors

1. How many times do lymphatic filariasis patients come to seek treatment for the infections?
   a) Once
   b)Twice
   c) Thrice
   d) Four times or more
   e) Mention the main reason for your answer above.

   .....

2. Are Lymphatic Filariasis patients advised to sleep under a mosquito net?
   a) Yes
   b) No

LUREC
LIRA UNIVERSITY
APPROVED, VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

3. Does regular use of ITN prevent the spread of lymphatic filariasis infections?

a) Yes

b) No

4. If sleeping under ITN daily/always prevents the spread of Lymphatic filariasis, mention how sleeping under ITN daily helps people from contracting the disease?

.....

5.How many times have you taken ivermectin and albendazole after developing Lymphatic filariasis infections?

.....

6.Why the above number of time(s), mention one main reason?

.....

7. Apart from taking albendazole, ivermectin and using ITN, how else do you protect yourself from lymphatic filariasis infections?

a) .....

b) .....

c) .....

d) .....



CamScanner

PART B:

IN DEPTH INTERVIEWS ON SOCIO ECONOMIC AND INDIVIDUAL FACTORS

1. How does the socioeconomic status of a community impact the prevalence of lymphatic filariasis?

2. Are there any correlations between poverty levels and the incidence of lymphatic filariasis?

3. How do factors such as access to clean water and sanitation facilities affect the spread of lymphatic filariasis in a community?

4. Are there any differences in the prevalence of lymphatic filariasis between urban and rural areas, and if so, what factors contribute to these disparities?

5. How does education level of community members influence the understanding and prevention of lymphatic filariasis?

6. Are there any specific cultural or traditional practices that contribute to the spread of lymphatic filariasis in certain communities?

7. What interventions or programs have been successful in reducing the prevalence of lymphatic filariasis in low-income communities?

PART C: IN DEPTH INTERVIEWS ON HEALTH SYSTEMS FACTORS

1. What are the factors that favor the spread of Lymphatic Filariasis infections?

2. State how health facility is managing lymphatic filariasis patients?

3. What vectors are responsible for the spread of lymphatic filariasis?

4. What are the current strategies being used to manage Lymphatic Filariasis infections?

5. Do people know about what causes Lymphedema and how it is spread?

6. Does the Health Center provide anthelminthic drugs for people suffering from Lymphatic Filariasis? If yes, how often do they receive these drugs?

7. How long does it take for one to develop swellings?

8. How many chronic cases of lymphatic filariasis are currently being managed in health facilities?

THANKS A LOT FOR YOUR TIME!

LIRA UNIVERSITY
APPROVED, VALID UNTIL
02 AUG 2025
RESEARCH ETHICS COMMITTEE
P. O. BOX 1035, LIRA
LUREC

CamScanner