

Annex 1: Questionnaire form:

English version Questions related to the determinants and prevalence of pneumonia in children aged less than five years.

Date_____ Card No-----Questionnaire code: ----- Instruction: Choose the appropriate answers of the study participants for each of the following questions

No	Part I Socio-economic factors	Coding category
101	Sex of the child	1 Male 2 Female
102	Age of the child	Specify-----
103	Residence of the child?	1 Urban 2 Rural
104	How many members are in your family?	-----
105	Monthly Income of the family?	-----
	Maternal age	Specify-----
106	Marital status of the caregiver?	1 Married 2 Single 3 Divorced 4 Windowed
107	Educational status of the mother?	1 Illiterate 2 Read and write 3 Primary (1-8) 4 Grade (9-12) 5 Diploma and above
109	Mother's current occupation?	1 Housewife 2 Civil servants

		3 Merchant 4 Student 5 Daily labourer 6 Other specify----- -----
110	Child father occupation?	1 Farmer 2 Student 3 Civil servants 4 Merchant 5 Daily labourer 6 drivers 7 Other specify----- -----

No	Part II questions environmental factors	Coding category
200	What is the main source of drinking water for the family?	1. Piped water 2. Protected dug well 3. None protected dug well 4. Sparing water 5. Rainwater 6. River/pond/ /dam
201	How many rooms are there in your house (including the sitting room)?	7. Others (Specify)_____
202	With what type of fuel source do you cook at home?	1. Charcoal 2. Wood 3. Electricity

		4. Kerosene 5. Animal dung 6. Crop wastes 7. Others (specify)_____
203	Where do you usually cook your food?	1. Living room 2. Kitchen 3. Outdoors
204	Where is the usual location of the child during cooking?	1. caring mother back or besides during cooking 2. Outside of the cooking house
205	Is there any family member who smokes a cigarette?	1. Yes 2. No
NO	Part III Vaccination and nutritional related factors	
300	What is the Vaccination Status of a child?	1. Fully vaccinated 2. Up to date 3. Partial vaccinated 4. Unvaccinated
301	MUAC	-----
302	Breastfeeding status of the child during the first 6 months of life	1. Exclusive breastfeeding 2. Mixed Breastfeeding 3. Not Breastfeeding
303	For how long have you breastfed your child?	1. up to date 2. 1-23 months 3. 24- 36 months 4. >37 months
304	When does Complementary feeding start?	_____

400	Part IV Criteria to diagnose pneumonia	
401	Does a child diagnose with pneumonia? From card.	1. Yes 2. No
402	Does the child have the following sign and symptoms?	1. Cough duration of cough- 2. Fast breathing 3. Difficult breathing 4. Fever 5. chills 6. Loss of appetite, nausea, vomiting 7. Malaise/ lethargy 8. Chest wall in drawing 9. Crackles or stridor or wheezing sound
403	Does the child have a Cough or difficult breathing plus at least one of the following?	1. Moderate to severe respiratory distress 2. II. Central cyanosis or Hypoxemia (oxygen saturation

No	Part V Pre-existing medical or Co-morbid conditions	Coding category
501	Has your child had diarrhoea?	1. Yes 2. No
502	Has your child ever had Measles in months?	1. Yes 2. No
503	History of child AURTI in last two weeks?	1. Yes 2. No

504	History of Malaria?	1. Yes 2. No
505	Congenital heart disease?	1. Yes 2. No
506	Does the child have cleft lip and palate?	1. Yes 2. No
507	History of HIV/AIDS?	1. Yes 2. No
508	History of households ARTI in last two weeks?	1. Yes 2. No