

1.1.1 Instrument F –Direct Observation Form

<<Instrument F Direct Observation Form>>

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Study Title: Formative research to develop an infant and young child feeding (IYCF) intervention with micronutrient powder (MNP) for children aged 6 – 23 months

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Date: _July 01, 2015_____Location: _Bongo community, LGA -Song

Data Collector: Aisha Aliyu Dahiru_____ Participant ID: __

Main goals of this direct observation are to answer the following questions:

1. In this household, what would be the best way(s) to give nutritional supplements to young children? Why?
2. In this household, describe the food sharing that you observe throughout the meal. Are there any predictable patterns?
3. In this household, who is favored and how is this favoritism expressed during meal preparation and eating?

(TEAR OFF AT PERFORATED DOTTED LINE BELOW)

PARTICIPANT ID: __

Household Composition Table (Fill out as you do data collection)

INITIALS	SEX (M/F)	AGE (estimated)	Relationship to household	Description
M	F	24YRS	Mother	Wearing purple dress.
B	M	11 MONTHS	Baby boy (son)	Wearing green trouser and shirt
N1	F	24 YRS	Neighbor	Wearing brown head gear with blue wrapper
H	M	32 YRS	Husband	Wearing white shirt with black trouser
N2	M	34 YRS	Husband's friend	wearing white shirt black trouser
N3	F	32 YRS	Husband friend	Wearing brown dress

PARTICIPANT ID: _____

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
8:30	M		Sweeping		
8:35	M		Sweeping		
8:40	M		Sweeping		
8:45	M		Sweeping		
8:50	M		Washing utensils		
8:55	B		Crying		
8:55	M	B	Carrying baby on her back		
9:00	M		Washing utensils		
9:05	M		Washing utensils		
9:10	M		Starting fire		
9:15	M		Starting fire to boil water	Water	
9:20	M		Mixing akamu in a bowl	Akamu	
9:25	M		Adding boiling water into akamu and stirring		
9:30	M		Still adding boiling water into bowl of akamu and stirring	Water, akamu	
9:35	M		Akamu is ready to be served	Akamu	
9:35	M		Serving akamu into a cup and letting it to cool	Akamu	
9:40	M		Adding MNP into cup of akamu,	Akamu	

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
			stirring to mix well. The MNP easily dissolved in the akamu. The mother used a finger to taste if the akamu is cold enough to feed the baby		
9:45	M	B	Feeding the baby the akamu mixed with MNP	Akamu	
9:46	M	B	Feeding the baby with a spoon. The baby is anxiously taking the akamu	Akamu	
9:47	M	B	Feeding the baby	Akamu	
9:48	M	B	Feeding the baby	Akamu	
9:49	M	B	The baby refused to open mouth to take the akamu. The mother is trying to forcefully feed the baby but he still refused to open his mouth.		
10:00	M	B	The mother gives up and wash the baby's mouth . keeping the akamu cup aside coverd.		
10:05	M	B	Bathing the baby		
10:10	M	B	Bathing the baby		
10:15	M	B	Dressing the baby		
10:20	B		Playing on the mat under mango tree.		
10:25	M		Washing clothes		
10:30	M		Washing clothes		
10:30	B		Playing with sand on the mat		
10:35	M		Spreading out clothes to dry on the rope		
10:40	M	B	Breastfeeding the baby carrying the baby on her laps	Breast milk	
10:45	M	B	Breastfeeding the baby	Breast milk	
10:50	M	B	Breastfeeding the baby	Breast milk	
10:55	B		The child is sleeping still breastfeeding	Breast milk	
11:00	M	B	Lays down baby and lay down		

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
			beside him		
11:00	B		Sleeping beside mother		
11:05	M		Sleeping beside the child		
11:10	B		Sleeping		
11:15	B		Sleeping		
11:20	B		Sleeping		
11:25	M		Sleeping beside the child		
11:30	B		Sleeping		
11:35	B		Sleeping		
11:40	B		Sleeping		
11:45	M		Sleeping beside the child		
11:50	B		Sleeping		
11:55	B		Sleeping		
12:00	B		Sleeping		
12:05	B		Crying		
12:05	M		Carrying the baby		
12:10	M		Washing hands		
12:10	M		Serving akamu from the flask	Akamu	
12:15	M		Stirring akamu to cool	Akamu	
12:15	B		Sitting beside mother crying		
12:20	M	B	Carrying baby on her laps . give the child akamu with the cup. The baby is drinking the akamu with ease	Akamu	
12:21	M	B	Giving the baby akamu with ease		
12:22	M	B	Feeding child		
12:23	M	B	Feeding the child	Akamu	
12:24	M	B	Feeding	Akamu	
12:25	M	B	Washing the child's hands and mouth after giving him the akamu		
12:30	M	B	Changing the baby's cloth		
12:35	M	N1	Chatting with neighbor		

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
12:40	B		Playing on the mothers	water	
12:45	M	N1	Chatting with neighbor		
12:50	B		Lying down beside mother		
12:55	M	N1	Chatting with neighbor		
1:00	B		Sleeping beside the mother		
1:00	M		Lying down beside the baby		
1:10	B		Sleeping		
1:15	M		Sleeping beside the baby		
1:20	B		sleeping		
1:25	M		Sleeping beside the baby		
1:30	B		Sleeping		
1:35	B		Sleeping		
1:40	B		Sleeping		
1:40	B		Sleeping		
1:45	B		Sleeping		
1:50	M		Sleeping with baby		
1:55	H	N2,N3	Comes in chatting with friends		
1:55	M		Offering husband friends drinking water	Water	
2:00	H	M,N2,N3	Chatting with mother and friends		
2:05	M	B	Carrying baby on her lap and consoling the baby		
2:10	M	B	Breastfeeding the child		Breast milk

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
2:15	M	B	Breastfeeding the child	Breast milk	
2:20	M	B	Breast feeding the child	Breast milk	
2:25	M	B	Carrying child on her lap playing with the child		
2:30	M	B	Lying down with the child on the foam in the sitting room		
2;35	B		Lying beside mother		
2:40	B		Lying down quietly beside mother		
2:45	H	B	Carrying baby on his laps		
2:50	H	B	Playing with baby		
2:55	M		Sitting on the verandah		
2:55	H	B	Playing with the baby in the sitting room		
3:00	M	B	Carrying child	Breast milk	
3:00	M	B	Washing the child		
3:00	H		Washing off the stool from his trouser		
3:05	M	B	Dressing the baby		
3:10	M	B	Carrying the child on her back		
3:15	M	B	Carrying baby on her back		
3:20	H	M	Chatting with the mother		
3:25	H	M	Chatting with mother		
3:30	M	H	Serving food in a bowl for the household	Jollof rice	
3:30	H		Washing his hands		
3:30	M	B	Washing the baby hands		

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
3:31	H	B	Assisting the child to eat. The child is eating from the fathers bowl	Jollof rice	
3:33	M	B	Assisting the child to eat but he refused to take food from his mother	Jollof rice	
3:34	H	B	Assisting the child to eat. The child is taking the food from the husband without resistance	Jollof rice	
3:35	H	B	Still assisting the child to eat while eating	Jollof rice	
3:35	M		Eating from a separate bowl alone beside husband and child	Jollof rice	
3:36	M		Eating from a separate bowl	Jollof rice	
3:37	H	B	Still assisting the child to eat from his bowl	Jollof rice	
3:37	B		Trying to et by himself from the fathers bowl	Jollof rice	
3:38	B		Trying to eat by himself from the fathers bowl. Eats the rice one grain at a time	Jollof rice	
3:39	H	B	Assisting the child to eat from his bowl		
3:40	M	B	Washing the baby hands and month with soap and water		
3:40	H		Washing his hands with soap and water		
3:40	M	B	Assisting the child to drink water from a large cup	Water	
3:40	H		Drinking water from the large cup that the child and mother drank from	Water	
3:45	B		Playing beside the mother on the verandah		
3:45	B		Playing beside the mother		
3:50	B		Playing beside the mother		
3:55	B		Crying		
3:55	M	B	Carrying the child on her lap		

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity
4:00	M	B	Playing with the child		
4:05	H	M	Chatting with mother		
4:10	H	B	Playing with child while the child is on the mothers lap		
4:15	M		Starting the fire		
4:20	M		Washing the utensils		
4:25	H		Playing with the child		
4:30	M		Checking the firewood		
4:35	M		Adding dried vegetable to the food on fire to make soup	Sesame leaves	
4:40	M		Soup is ready to be served	Sesame leave soup	
4:45	M		Playing with the baby on the verandan		
4:50	M		Adding maize flour to the boiling water to make a meal	Water , maize flour	
4:55	M		Meal is ready to be served	Maize meal	
4:55	M		Serving meal into a single dish		
5:00`	M		Washing hands after making meal		
5:05	M	B	Bathing baby		
5:10	M	B	BATHING THE BABY		
5:15	M	B	Dressing the baby		
5:20	M	B	Breast feeding the baby	Breast milk	
5:25	M	B	Breastfeeding the baby	Breast milk	
5:30	M	B	Breastfeeding the baby	Breast milk	
5:35	M	B	Carrying baby on her back		
5:40	M		Washing her hands		
5:45	M		Serving food in a bowl	Maize	

[illegible]

[illegible]

TIME	ACTOR INITIALS	RECIPIENT INITIALS	WHAT HAPPENED	FOOD	Reactivity

PARTICIPANT ID: __thatch house with zinc door _____

Primary Questions (Complete after you complete data collection):

From what you have seen observing THIS HOUSEHOLD, please answer the following questions in detail:

Question	Write your <u>detailed</u> response here
<p>1. In this household, what would be the best way(s) to give nutritional supplements such as an MNP to young children to ensure compliance?</p> <p>Why?</p>	<p>The best way to ensure compliance is to encourage the mother to give the child MNP separately before any actual meal because the child did not finish the akamu that was mixed with the MNp. The quantity of the akamu was too much.</p>
<p>2. In this household, who is favored during meal preparation or feeding?</p> <p>How is this favoritism</p>	<p>The meal prepared was in a solid state because the parents were favored. The baby was fed by the mother and the father.</p>

expressed?	
<p>3. How could we promote the MNP supplement for this family that would attract their attention?</p> <p>Who would they listen to?</p>	<p>MNP can be promoted to this household through the mother. The husband can also serve as influence in promoting the MNP. The household will listen to the community leader, religious leader and also the health workers because they are respected and will not let anyone introduce something that will harm their community members.</p>
<p>4. In this household, what would be the best ways to promote the MNP but limit how much it would be shared?</p> <p>Why?</p>	<p>The mother understands the MNP is meant for the baby only but it can be emphasized through the husband because his decisions in the household are final.</p>
<p>5. What other issues and concerns did you see with this family that are important for us to consider with regard to introduction of an MNP?</p> <p>Why?</p>	<p>The food prepared was solid. The child did not have a separate bowl when he ate food. The mother was in charge of feeding the baby at one time and the father was in charge at other times.</p>
<p>6. Based on your experience observing this child today, do</p>	<p>There was no reactivity during feeding.</p>

you believe reactivity negatively impacted your ability to see the food-related behaviors of the child?

Please explain your answer in detail.