Trainee

rincip	M. Shaf	_			nee Investigator (if any)	90
pplica	ation No. 81-015			Suppo	orting Agency (if Non-ICDDR,B)	•
itle c	of Study MATERNAL AND CH	ILD C	ARE		ect status:	**************************************
	(Sociocultural As	-		(V)	New Study	
· · · · · · · · · · · · · · · · · · ·	(SOCIOCUICUIAI AS	peccs		ì	Continuation with change	
			<u> </u>	( )	No change (do not fill out re	st of form)
ircle	the annronriate onewer t	0 000	h 05	+ho &	Allowing CTC New Augustin 12	****
. Soi	arce of Population:	O GAC	ii OT	the I	ollowing (If Not Applicable wri	ite NA).
	Ill subjects	Yes	(No)	٧.	Will signed consent form be a (a) From subjects	
(b)		(Yes)	No	*		(Yes) No
(c)			110		(b) From parent or guardian	. Von No. el A
` '	under guardianship	Yes	(No)	6.	(if subjects are minors)	Tes No N. A
. Doe	s the study involve:	.05		0.	Will precautions be taken to anonymity of subjects	
(a)				7.		(Yes) No
• •	subjects	Yes	No	, ,	Check documents being submitt Committee:	ed nerewith to
(b)	_	Yes				
(c)		200	<u></u>		Umbrella proposal - Init	laily submit ar
	to subjects	Yes	NO		overview (all other requ	irements will
(d)		Yes			be submitted with indivi	.dual Studies).
(e)	Invasion of privacy	(Yes)			Abstract Summary (Requir	
(f)	Disclosure of informa-		•,•		Statement given or read	to subject and
	tion damaging to sub-				nature of study micks	to subjects on
	ject or others	Yes	(No)		nature of study, risks, ions to be asked, and ri	cypes or quest.
. Doe	s the study involve:				to participate or withdr	gnt to reruse
(a)	Use of records, (hosp-				Informed consent form for	aw (kequired)
	ital, medical, death.				Informed consent form fo	r subjects
•	birth or other)	Yes	(No)		guardian	it barent or
(b)	Use of fetal tissue or		_		Procedure for maintainin	a confidentia
•	abortus	Yes	No		ity	is contractitat.
(c)			_		Questionnaire or intervi	ew schedula *
	fluids	Yes	(No)		* If the final instrument is	not completed
Are	subjects clearly informe	ed abo	ut:		prior to review, the follow	not completed
(a)	Nature and purposes of				should be included in the a	hetract common
	study	Yes	No		1. A description of the ar	rest to he
(b)	<del></del>				covered in the question	
	followed including				interview which could b	e considered
	alternatives used	Yes	No	N · A	either sensitive or whi	ch would
(c)	Physical risks	Yes		N. A	constitute an invasion	
(d)	Sensitive questions	Yes		N A	2. Examples of the type of	specific
(e)		Yes	No	••	questions to be asked i	
( <b>f</b> )					areas.	
-	participate or to with-				3. An indication as to whe	n the question-
£ ~ 5	draw from study	(Yes)	No		naire will be presented	to the Cttee.
(g)					for review.	
(6)	of data	(Yes)	No			
(h)	Compensation &/or treat	-		44 4		
	ment where there are ri			N.A		
		Ca., 500%				
agree olvir	or privacy is involved any particular procedur	in e //e he Et	hica	o 1 Revi	lew Committee for any changes fore making such change.	

PEF WA 310, JBZ I82m 1981 81-015 rec'd 31/3/87

## SECTION I - RESEARCH PROTOCOL

1. Title: Maternal and Child Care - Sociocultural Aspects

2. Principal Investigators: M. Shafiqul Islam and P. Claquin

3. Starting Date:

March, 1981

4. Completion Date:

December, 1981

5. Total Direct Cost:

US \$11,594

6. Scientific Program Head:

This protocol has been approved by the Community Services Research Working Group.

\*Signature of Scientific Program Head:

Date: 19/3/8

\*This signature implies that the Scientific Program Head takes responsibilities for the planning, excution and budget for this particular protocol.

## 7. Abstract Summary:

The aim of this study will be to investigate the beliefs, knowledge, attitude, practices and customs—related to physical activities, movements, personal hygiene, diet, illness and treatment during pregnancy, and child-birth.

500 pregnant women will be interviewed in Matlab MCH-FP and Comparison areas by trained and experienced female health assistants once during their pregnancies. These women will be interviewed again at the outcome of their pregnancies and subsequently. The interview at pregnancy outcome will be done within seven days and the subsequent one within forty days of pregnancy outcome. These interviews will take place whatever the result of pregnancy will be. Eight female health assistants will-interview the women and

fill up pre-tested questionnaires. Adequate supervision by the investigators and supervisors will be given to maintain uniformity of standard and accuracy of data collection. Extensive training will be imparted to the interviewers before sending them to field. An information system will be developed in such a way that after the initial interview, the interviewers can easily know about the pregnancy outcome in time so that the subsequent interviews can be completed in due time. The community health workers will be utilised in this respect. Every female field assistants will be assigned to a particular area. The study will be carried out in a population of 60,000 comprising three blocks of Matlab MCH-FP and Comparison areas. The completion of work will require about one year.

8.	Revi	ews: (leave blank)
	(a)	Ethical Reveiw Committee:
,	(b)	Research Review Committee :
	(c)	Director:
	(d)	BMRC:
	(e)	Controller/Administrator:

#### ABSTRACT SUMMARY

- 1. This study will involve a subject population of 500 pregnant women to be interviewed thrice during pregnancy, within a week of pregnancy outcome and forty days of post-partum period.
- 2. The only potential risk is the possible invansion of privacy.
- The subjects will be initially informed about the nature of information collected, maintenance of confedentiality and their right to refuse to respond.
- 4. All the subjects will have their identification: numbers, which will be mostly used instead of their names. The handling of data are limited only to the female health assistants interviewing the women, their supervisor and the investigators of this protocol till the raw data are entered into cards or computer tapes. There will be no scope for distinguishing individual characteristics after the results are published in aggregate.
- 5. A consent form prepared in vernacular will be read to every respondent. The woman will either sign or put her left thumb impression on the form.
  - (a) Not applicable.
  - (b) Not applicable.
- 6. Every woman under study will be interviewed at home by female health assistants about her belief, knowledge, attitudes, practices and customs related to physical activities, movements, personal hygiene, diet, illness and treatment during pregnancy and child-birth. A respondent will have to answer mostly structured questions and a few open-ended questions prepared in simple vernacular. Each intervew will take 45 minutes to an hour to complete.
- 7. No immediate or direct benefit to an individual or society is foreseen. However, this study is likely to create individual and community awareness by distinguishing the beliefs, knowledge, attitude, practices and customs which are considered harmful from those which are beneficial or neutral for the well-being of mother and her child.
- 8. No.

#### PROCEDURE TO MAINTAIN CONFIDENTIALITY

All the subjects will have identification numbers (Census Numbers) which will be most often used instead of names used only in the homes at the time of interview. Only the female health assistants will be doing the interviews. A supervisor and the investigators of the study will carefully handle the completed questionnaires till the data will be entered into card columns or computer tapes. All the staff who will be handling the data are trained, responsible and well aware of the confidentiality of information. No personal characteristics will be distinguished after the results are published in aggregate.

#### SECTION II - RESEARCH PLAN

#### A. INTRODUCTION

- Objective: The overall objective of this study will be the investigation of beliefs, knowledge, attitude, practices and customs related to physical activities, movements, personal hygiene, diet, illness and treatment during pregnancy and childbirth.
- 2. Background: Maternal and child health is an important component of our national primary health care system. Infant mortality is very high in Bangladesh like in many other developing countries. It is the most improtant component of the overall mortality rate and accounts for 40 percent of the crude death rate of Bangladesh. 1-2 Maternal death related to child-birth is the highest among all causes for women in age group 15-44 years and almost one-third of all deaths among women aged 10-49 years is related to child-birth, occurring during pregnancy or within 90 days after termination of pregnancy. 3-4 A significant number of these deaths are due to infection particularly post-partum tetanus and sepsis.

The health problems of mother and child arising during and after gestation are closely interlinked. Both ante-natal and post-natal care are governed by a complex of customs and beliefs involving rituals, food and methods of treatment of both the mtcher and the child. Inadequate intake of food, deficient sanitation and a high rate of infections play a significant role in the pre-natal period, affecting the health of both the mother and the unborn

child. For example in some cultures, a pregnant woman is restricted from going outside her house during mid-day and sunset and she should not keep her hair loosened up. The unborn child has to be kept inside the house for forty days and also the mother keeps indoors and leaves the house only for brief periods. Tetanus is believed to be due to an evil spirit that enters into the body of the newborn due to breach of certain set rules by the mother.

Belief in a correlation between health and diet is very widespread. Certain dietary items may be seen as preventing illness, others may cause illness and some others may have certain cunative elements in Pregnancy and post-partum periods are thought potentially troublesome for women in many parts of the world if the diet is not carefully monitored and manipulated. 9 Restrictions are imposed upon a pregnant women's diet, the food intake and the kind of foods she eats are strictly controlled. 10 A woman usually remains less active for several days after delivery when she has to practice dietary restrictions. The foods eaten, the amount of work and rest allowed to the mother, and oher customs in pregnancy can affect the baby in the uterus. For example, in a study from India, it has been reported that only a small amount of food was given in pregnancy with the belief that a small baby and an easy delivery will result. Seventy two percent of the respondents recommended extra food for pregnant women and other 28% believed that extra food taken during pregnancy may cause undue increase in the size of the foetus leading to difficulties during labour. 11

Deaths and disease in the newborn babies are generally difficult to estimate. Both are certainly frequent, due mainly to infection, leading to tetanus of the newborn and to birth injury from unskilled midwifery. 12 Harmful customs to the health of infants are: use of cow-dung as a dressing for the umbilical cord, failure to tie it and not giving the young child fish, because it is believed to cause worms. 13-15 A recent study has reported that seventy percent of the mothers go to the doctors when their children fall sick, only 14% seek the help of kabiraj and homeopath and 1% go to religious healers. 16

Rationale: Some beliefs, knowledge, attitude, practice and customs related to physical activities, movements, personal hygiene, diet, illness and treatment during pregnancy, child-birth and several weeks after child-birth are thought to be detrimental to the health and well-being of the mother and her child. Many of them are believed to contribute greatly to the high rate of maternal and infant mortality in rural areas where the great majority of the country's population live. For example, the traditionally poor diet of the rural mothers is worsened during pregnancy due to observance of certain customs and taboos attached to their diets.

This study will segregate the beliefs, knowledge, attitudes, practice and customs which are considered harmful from those which are beneficial or neutral for the health of pregnant women and their newbron infants.

#### B. SPECIFIC AIMS

This protocol will address the following specific research questions:

- i) To identify the kind of physical activities pregnant women involve themselves and the ones they avoid with their justification.
  - ii) To know the restrictions on their physical movements and the beliefs for the restrictions.
  - iii) To know the personal habits, domestic and personal hygiene of pregnant women.
    - iv) To study the body image (i.e. the perception and understanding of various parts of one's body) of pregnant women in relation to gestation, delivery and breast-feeding.
- 2. i) To know the kind of food preferred and avoided by pregnant women with their respective reasons with particular reference to classification of foods as "hot" and "cold".
  - ii) To know women's belief about eating more or less than normal of any food during pregnancy and following child-birth with possible explanation.
- i) To understand the type of illness (or complaints) during pregnancy, practioner consulted, treatment and cost of treatment.
  - ii) To understand the nature of complications of the women and their newborn infants at time of delivery, the type of practioner consulted, treatment obtained and costs involved.
- 4. i) To study the type of birth attendants, their socio-economic characteristics, knowledge and practices (particularly in reference to their handling of the cord and the placenta).

#### C. METHODS OF PROCEDURE

Methodology: Five hundred pregnant women will be identified in three 1. blocks of MCH-FP and Comparison areas which will cover a population of 60,000. At the initial interview, baseline data will be collected including information about women's physical acitivities, movements, dietary habits, illness, type of medical care and cost of treatment. All women will be again interviewed within seven days of pregnancy outcome and within forty days of post-partum period whatever the result of pregnancy outcome might be. Most of the questions asked during pregnancy will be repeated when the women will be interviewed following the pregnancy outcome. Special inquiries will be made about delivery practices (handling of placenta and cord care etc.) and birth attendants when the interviews will be completed during post-partum period. In all there will be three separate but inter-linked set of questionnaires (e.g. Pregnancy Report, Birth Report and Post-partum Report) to complete the study. Female health assistants assigned to particular area will interview the women in pre-tested questionnaires prepared in vernacular. The community health workers who are residing in the villages will inform the female health assistants when births take place. A male field research officer will supervise the work of the female health assistants. He will be contacting all the female health assistants at least once in a week to check and verify the completed questionnaires. The filled-up questionnaires with discrepancies will be sent back to respective female health assistant for necessary corrections. The completed questionnaires will be edited in office and the data will be punched into IBM cards after being coded.

- 2. Staff requirement and training: Eight female health assistants of Matlab project will be utilized in this study as interviewers. They have the requisite education and background to accomplish this work. These workers will receive extensive training by the investigators, hospital physicians and technicians of MCH-FP project, Matlab. They will pre-test the questionnaires related to different aspects of the study to test their adequacy and understanding of importance and purpose of their work. The female health assistants will be required to stay a day or two with several women who are at different stages of pregnancy or experienced a recent pregnancy outcome. This will help the female health assistants to observe some of their activities and behaviour which will be included in the final questionnaires.
- 3. Report writing: The study will be completed within a year. Listed below is a tentative plan of major tabulations to be generated in this investigation:
  - a) Personal habits (namely bathing, smoking, sleeping, rest, wearing cloths, amulets and lifting heaving weights) according to gestation period, age and education of women.
  - b) Avoidance of certain physical activities and movements with justification according to gestation period.
  - c) Type of foods preferred during pregnancy according to given reasons.
  - d) Type of foods avoided by pregnant women according to stated reasons.
  - e) Intake of more than or less than normal food by pregnant women with their stated reasons.
  - f) Type of illness or complaints, treatment and cost of treatment during pregnancy.
  - g) Place of delivery according to parity, age and education of women.

- h) Type of food avoided and specially taken after child-birth according to duration and the given reason.
- Delivery complications of women and or newborn child according to parity, age and gestation period.
- j) Methods of cord care (cutting and dressing the umbilical cord).
- k) Hand washing practice of birth attendant and other sterilization method used.
- Distribution of birth attendants according to type, age, marital status, remuneration, experience and training.

#### D. SIGNIFICANCE

Studies on the sociocultural aspects of care during pregnancy, child-birth and post-partum period are few in Bangladesh and elsewhere. The ICDDR, B Matlab field set-up provides an unique opportunity and an excellent framework to carry out such a study. Beliefs, customs and practices related to personal hygiene, food habits, illness and cure, care of the mother and child at delivery and post-partum period will have impact on morbidity, mortality and nutrition status. Knwoledge gained through such a study will have immense importance to ICDDR, B as well as to other health organizations and national policy makers since the results will have important implications for maternal child health, family planning and nutrition education in rural Bangladesh.

## E. FACILITIES REQUIRED

Office/Laboratory space

None

Hospital/Animal resources

None

Logistic support

One speedboat 8 hours per working day.
 Eight country-boats for transportation field workers.

Personnel

 Eight female health assistants, one supervisor, key punching, computing, statistical and secretarial facilities.

Data Management

- Key punching and computer facilities.

Supplies

· Stationeries, punch cards, tapes, etc.

## F. COLLABORATIVE ARRANGEMENT

None

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PERSONNEL SERVICES	83		No. of	Annual	Project Requirements (FY 1981)	7Y 1981)
Name	Position	& effort	days	Salary	Taka	Dollar
M.S. Islam	Asst. Scientist	09	260	101,760	61,056	í
Dr. F. Claquin	Field Coordinator	10*	260	1	ı	ţ
To be named	Field Research Officer, Grade I	35	260	48,591	17,007	ŧ
To be named	8 Health Assistants (Female)	# 10 *	260		i	ŧ
To be named	Data Entry Technicians	50	ខ្ម	21,872	1,094	į
To be named	Coder	50	65	21,872	2,734	à
To be named	Statistical Officer	50	65	46,304	2,31.6	ŧ
To be named	8 Boatmen	35*	260	t·	\$	1
To be named	Secretarial/Typist	10	260	46,304 Sub-Total	4,631 88,838	

No fund is required as time already budgeted in MCH-FP Project, Matlab.

3. EQUIPMENT

None

4	PATIENT HOSPITALIZATION		
	None		
'n	OUT-PATIENT CARE		
	None		
ě	ICDDR, B TRANSPORT		
	Item	Unit Cost or	Quantity
	Speedboat at Matlab for 8 hours per day	Tk. 105.00 70	704 hours
÷	TRAVEL AND TRANSPORTATION OF PERSONS		
	Per diem at Matlab	Tk. 150.00	36 overnights
80	TRANSPORTATION OF THINGS		
	None		
o,	RENT, COMMUNICATION AND UTILITIES		
	None		
Ċ	PRINTING & REPRODUCTION		

5,400

Project requirements (FY'81)
Taka Dollars

73,920

	ι	1	l	ŧ		i
	1,000	250	100	230	1,500	3,080
	each	r	t		#	Sub-total
	5000 each	500 #	25	100	5000	
	Tk. 00.20	00.50	4.00	2.30	300.00	
	ŢĶ.	=	r	£	E	
io. PRINTING & REPRODUCTION	Mimeograph	X-roxing	Special reproduction	Cover printing & binding	Printing forms	
1-4						

11. OTHER CONTRACTUAL SERVICES

Computer services 10 hours @ Tk. 1000.00 per hour

12. CONSTRUCTION, RENOVATION, ALTERATIONS

None

13. MISCELLANEOUS

None

Tk. 10,000

### B. BUDGET SUMMARY

	FY'8	31
CATEGORY	TAKAS	DOLLARS
l. Personnel	88,838	
2. Supplies and Materials	2,633	29.14
3. Equipment	-	-
4. Patient Hospitalization	-	-
5. Out-patient Care	-	-
6. ICDDR,B Transport	73,920	-
7. Travel and Transportation of Persons	5,400	-
8. Transportation of Things	-	~
9. Rent, Communication and Utilities		**
10. Printing & Reproduction	3,080	upi.
11. Other Contractual Services	10,000	
12. Construction, Renovation, Alterations	<u></u>	-
13. Miscellaneous	. <del>-</del>	_
Total	183,871	29,14
Total(in Dollars)	11,564.21*	29.14
Grand Total (in dollars)	11,593.35,	say US \$11,594

<sup>\*</sup>Calculated at @ Tk.15.90/\$1.00

#### CONSENT FORM

I know that the ICDDR,B (former CRL) Female Health Assistants are collecting information about beliefs, knowledge, attitude, practices and customs related to physical activities, movements, personal hygiene, diet, illness and treatment during pregnancy and child-birth. They have included me as one of their respondents. I understand that I have the right to refuse to respond and I can withdraw from the study whenever necessary. In case of my discontinuity from the study I will not be liable for explanation.

I am also assured that confidentiality will be maintained about all information.

Signature/Left	thumb	impression
Date:		

## নন্যতি প্র

वापि वनश्च लाहि त्व वारे, मि, छि, छ, वात्र, वि-त्र (कुठपूर्व स्तात्रा तिवार्ष गावरत्र हैती) परिता क्षीमन गर्छक्व का का जनवन्त्रीय नपद्ध परितारम् हिस्स्त्र कार्यत्रवर्ती, ह्यांक्वा, विकारमञ्ज परितारमञ्ज वापा-प्रवा, त्वांक-वापि छ हारात्र हिक्श्ति ग्राह्म विद्याम, द्वांच, पर्याणाव छ अहां निष्ठ गावादिक त्रीहिचीित ग्राह्म वक्ष गर्थत्र क्रिएटह्य । बाह्र व्याप्क परितात्र गर्थत्र हाराह्म विवार क्रियाद्य । बाह्र व्याप्क परितात्र गर्थत्र हाराह्म वापारक गावार्ष्म विवार क्रियाद्य । बाह्र हार्यत्र व्यापाद गावार्ष्म वा क्रियाद्य व्यापाद व्या

আয়ার শেওয়া দয়সু তথ্যাবনী সন্মক্ষে প্রয়োজনীয় গোগনীয়তা রকা করা হইবে ও বিকয়তা গাইয়া দাকসংদাম করিতে সন্মণ্ডি দিনাম।

परिनात गुरूत वा राट्य तृग्नारगृतित साव

## MATERNAL AND CHILDCARE - SOCIOCULTURAL ASPECTS

### Pregnancy Report (PR)

Name of village Bari					
Name of woman Census No.					
AgeEducation Name of husband					
Occupation Education Religion					
Number of family members Area of dwelling space (sq.ft)					
Woman staying now at: Husband's residence Father's residence					
Any other place (specify)					
Information on the women during pregnancy:					
Date of last menstruation periodEstimated length of gestation (month)					
Woman breast-feeding now: Yes No N.A.					
Age of youngest living child (if any Sex: M/F/N.A.					
Status of woman in family: Mother Mother-in-law Daughter-in-law					
Any other (specify)					
Woman takes bath daily: Yes No If no, how often she takes					
bath , the reason for not taking daily bath					
Does she smoke? Yes No If yes, how often she smokes					
Does she chew betelnut leaves? Yes No					
If yes, how often she chews betelnut leaves daily					
Does she wear loose clothes? Yes No					
If yes, state the reason					
Does she use any footwear (shoes etc)? Yes No					
If yes, state the reason					
How does conception take place?					
How is the initial body formed in the mother's womb?					
What do you think will be the sex of your child?					
If you think your child will be of either sex, would you tell us the ground?					

No. of hours she sleeps daily:	******
No. of hours she takes rest (after mid-day):	and the state of t
When sleeping, does she lie on the back? Yes_	No
If no, state the reason	
If the woman is wearing or would like to wear	any amulet. Yes No
If yes, state the reason	
Did woman lift or would she lift any heavy wei	ight (if requred)? Yes No N.A.
If no, state the reason	
Woman was forbidden or would be forbidden to	sit in the doorway: YesNo
If yes, state the reason	
She was forbidden or would be forbidden to sta	and in the doorway: Yes No
If yes, state the reason	
Woman was discouraged or would be discouraged	
	to beat any living being: Yes No
Woman was discouraged or would be discouraged (If yes): Name of the living being	to beat any living being: Yes No
Woman was discouraged or would be discouraged (If yes): Name of the living being	to beat any living being: Yes No the reason for not beating
Woman was discouraged or would be discouraged (If yes): Name of the living being .l.	to beat any living being: Yes No the reason for not beating
Woman was discouraged or would be discouraged  (If yes): Name of the living being  1.  2.	to beat any living being: Yes No the reason for not beating
Woman was discouraged or would be discouraged  (If yes): Name of the living being  1.  2.  3.	to beat any living being: Yes No  the reason for not beating  kill any living being: yes No
Woman was discouraged or would be discouraged  (If yes): Name of the living being  1.  2.  3.  She was discouraged or would be discouraged to	to beat any living being: Yes No  the reason for not beating  kill any living being: yes No
Woman was discouraged or would be discouraged  (If yes): Name of the living being  1.  2.  3.  She was discouraged or would be discouraged to (If yes): Name of the living being	to beat any living being: Yes No  the reason for not beating  kill any living being: yes No

Did Woman visit or would she visit	t the followin	g persons, if required?
Person	Yes/No_	the reason for not visiting
Seriously ill person	**************************************	
Dead person		And the state of t
Another woman during child-birth		
Did she visit or would she visit	the following	places, if required?
Places	Yes/No	The reason for not visiting
Neighbourhood		appropriate the sign of the si
Other villages .		nga nga mga mananan akahaming pi manin ngapaga mga kagina sa ta ta ka An ngga sa maganin nganin ng Malinya ng m
Other distant places	material designation of the second	
Graveyard		
Bamboo Grove	- Andrew Mary - Mary bearing to the control of the	
Did woman perform the following a	ctivities if m	required?
Activities	Yes/No	•
1. Cooking		
2. Fetching water		
3. Husking paddy (by hand)		
4. Husking paddy (pedal)	•	
5. Grinding (pounding) rice		
6. Boiling paddy		
7. Washing clothes	<del>der abberry remins (s. <u>1944 ap</u> fluore</del>	
8. Plastering floor with clay	-	
9. Plastering floor with cow-dun	ıg	
10. Working in the field (excluding gathering paddy)		

Activities	Yes/	No the reason for not performing
11. Threshing paddy	Making and the state of the sta	
12. Weaving clothes	man shifted the section of the section of the sec	
13. Sweeping/Cleaning	-	
14. Cleaning animal shed	-	
15. Drying paddy	nyst <del>elling sold rik</del> emen "	Copyrime to the control of the copyrime to the
16. Gathering paddy	apos de la compansa de communicación de	
17. Fishing	**************************************	
18. Drying jute	go Abbaso na propinski da bakasa na propinski da bakasa na propinski da bakasa na propinski na propinski na pr	
19. Tying down cows, goats etc.		
20. Sewing quilt	- Andrewson - Andr	
21. Frying rice	***************************************	
22. Making nets	چې پېښې دوم	
23. Washing jute	n de personal de la composiçõe de la com	
24. Any other (specify)	Water Street	
Eating habit of woman:		
Did woman eat or would she eat for	rom a commo	on utensil with her children? yes No N
		ds by her children? Yes No N.A.
Did woman actually take the larg of any of the following food ite	er share o	r would she like to take the larger share
Food items	Yes/No	the reason for taking the larger share
Rice	All marginaries de consensation de servicion de la consensation de la	
Wheat	and the supplementary of the supplementary	
Fish		the straight about the state of
Dry Fish	white testing the second second second	The state of the s

Ford stores		Yes/No	the reason for taking the larger share
Meat		ساها ويطافره إيدائه العالجة وتكفير في	Ever all the stage, give the stage of the st
Milk.		in 1988 de la company de la co	and for the said of the field for the said of the said
Egg		And the second s	
Da1		والمرافق والمرافق والمرافق المرافق الم	error wilder grown from the first of the fir
Potato		alter Printer systyle Versiller en de materiorgen en	
Vegetables	-	graph property and the state of	
Fruits		ale balt angar agram yikh mak hayandilin kila	
Any other (specify)		graph the second of the second	
Did she feel she should (if not actually taken o	have tak r nor li	en the lar kely to ta	ger share of any of the following food items ke as reported in the preceding question)?
Food items	Yes/No	the reas	on, she should have taken the larger share
Rice		erica e transcribation de la compansión de	
Wheat		s annaphra di gagli sandi annaphra indonesia ann	
Fish		·	
Dry Fish		والمراجع والم والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراج	ng mga ar tri ng garten di Pilipanjiya ilandi Pilipanjiya (alandi alikanjika arang na palandi ayan pang palandi kalang gamba sarah isi ara di ng ming palandi panah sarah
Meat		ale allegations seems of management of the second	
Milk			
Egg		)-11-1-11-11-11-11-11-11-11-11-11-11-11-	
Dal	***************************************	- Mary - Mark of the large or Str. and a supply of the state of the st	
Potato		(	
Vegetables			
Fruits	· · · · · · · · · · · · · · · · · · ·		
Any other (specify)			

Which of the following foods the woman	took specially?
Name of foods specially taken	the reason for taking
Rice	
Wheat	
wneat	
Fish	
Dry Fish	
Meat	Bayes a managarith <u>a nyayay ka diga diga Tilaka, ayay ga adiga da Allayay ka maya da bayina an ang managa na maya managa ma</u>
Milk	
Egg	
Dal	
Potato	
Vegetables	
Fruits	And the second of the second s
Burned soil	
Fried rice	
Uncooked rice	
Citrus or sour foods (specify):	
,	
Any other (specify):	
Which of the following foods the woman	avoided?
Name of foods avoided	the reason for avoiding
Rice	
Wheat	
Fish -	
Dry Fish	

Name of foods avoided	the reason for avoiding
Meat	The state of the s
Milk	
Egg	
Dal .	
Potato	
Vegetables	
Fruits	
Burned soil	
Fried rice	
Uncooked rice	
Citrus or sour foods (specify):	
Any other (Specify):  Did woman take more than average of	any food? Yes/No.
	he reason for taking more than average
1.	
2.	
3.	
4.	
Did she take less than average of a	my food? Yes/No.
	The reason for taking less than average
1.	
2.	
3.	
4.	

Which foods did woman eat yesterda	ıy?
<u>Meal</u>	Food items
Morning	
Mid-morning	
Noon	
After noon	
Night	
History of illness:	
Did woman have any illness/compla:	ints? Yes/No
(If yes), illness/complaints Dura	ation Days in Type of treat- Medicine or Cost of bed ment received drugs treatmen
If no treatment received, state the	he reason
If treatment was given on subsidy	or free, to whom would she prefer to go for
treatment?	
Remakrs (if any)	
Reported by (Female interviewer)_	
	Date

#### MATERNAL AND CHILD CARE - SOCIOCULTURAL ASPECTS

#### Birth Report (BR)

Name of village	Bari Name o	of Husband/Father	
Information on woman:			
Name	Census No.	Age	<del>angarangan ang korasuna dalah sa m</del> oras dalah sa mang ka
Length of gestation (month)			
delivery/miscarriage/Still birt	h/neonatal death, etc.)		e de la companya de l
Parity No.of livi	ing children No	o.of sons N	o. of
daughters Is she breast	-feeding her previous chi	ld? YesNo_	nagyama aliku pilipipa akinini da sun dapid milin dan bayin sa asaa.
N.A Age of previous I	living child (if any)	Sex: M/F/N.A.	
Place of birth: Husband's resi	denceFather's re	esidence	enakan gerapa anara, na pajeren aa kalena kherekan e sakere kan sika
Any other place (specify)			
Living room Kitchen	Special room	Veranda	
Any other place (specify)		•	
provided to woman at delivery?			
bedding			-
No. of days she stayed in birth	roomStated reas	on	
Type of birth attendant	The reason for o	choosing	<del>et aggert de glangs plante</del> n, stille title samtilene stille syttem (men. med.). 14
	cation of woman at time of		
(If yes), Type of complication	Duration Type of treat- (days) ment received	Kind of drug etc	Cost of treatment
2.			
3.			and another to be the second of the second o

If tr			
	eatment was given on subsidy or	free, to	whom would she go for treatment?
		Woman	n takes bath daily? YesNo
If no			The reason for not bathing
		-	
	•		, how often she smokes?
			If yes, how often she chews
bete:	lnut leaves daily?	Does she	use footwear (shoes etc)? Yes
No	If yes, state reason		
No.o	f hours she sleeps daily	No.o	f hours she takes rest (after
mid-	day) Is woman wearing any	amulet	after delivery? YesNo
			The reason for wearing amulet
** 3			
	woman perform the following actione?	vities i	f required, prior to the pregnancy
	Activities	Yes/No	The reason for not performing
1.	Cooking		
2.	Fetching water		
	Fetching water Husking paddy (by hand)	hang garden ager Bakk Syller	
	-		
3.	Husking paddy (by hand)		
3. 4.	Husking paddy (by hand) Husking paddy (pedal)		
3. 4. 5.	Husking paddy (by hand) Husking paddy (pedal) Grinding (pounding) rice		
<ul><li>3.</li><li>4.</li><li>5.</li><li>6.</li></ul>	Husking paddy (by hand) Husking paddy (pedal) Grinding (pounding) rice Boiling paddy		
3. 4. 5. 6. 7.	Husking paddy (by hand)  Husking paddy (pedal)  Grinding (pounding) rice  Boiling paddy  Washing clothes  Plastering floor with clay		
<ul><li>3.</li><li>4.</li><li>5.</li><li>6.</li><li>7.</li></ul>	Husking paddy (by hand)  Husking paddy (pedal)  Grinding (pounding) rice  Boiling paddy  Washing clothes  Plastering floor with clay  Plastering floor with cow-dung		

	Activities	Yes/No	The reason for not performing
12.	Weaving clothes	· ·	
13.	Sweeping/cleaning	anabaring by May and May and the	
14.	Cleaning animal shed	, 	
15.	Drying paddy		
16.	Gathering paddy		
17.	Fishing	- Proposition and Proposition	
18.	Drying jute		
19.	Tying down cows, goats, etc	* *	
20.	Sewing quilt		
21.	Frying rice	. The section of the	
22.	Making nets	······································	· ·
23.	Washing jute	· .	
24.	Any other (specify):		
		nanina amangahan kalaman makanja	
Whic	ch of the following foods the	e woman took s	pecially prior to delivery?
Name	e of foods specially taken	The reason fo	r taking
Rice	<b>.</b>		
Whea	at	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Fisi	n. ·	· <del>p. 101.</del>	
Dry	fish		
Meat	<b>t</b>	*	
Mil	k .		
Egg			

Name of foods specially taken	The reason for taking
Dal	
Potato	
Vegetables	
Fruits	
Burned soil	
Fried rice	
Uncooked rice	
Citrus or sour foods (specify):	
Any other (specify):	
Which of the following foods the	woman avoided prior to delivery?
Name of the foods avoided	The reason for avoiding
Rice	
Wheat	
Fish	
Dry fish	
Meat	
Milk	
Egg	
Dal	

Name of foods avoided	The reason for avoiding
Potato	
Vegetables	
Fruits	
Burned soil	
Fried rice	
Uncooked rice	
Citrus or sour foods	
Any other (specify):	
Which of the following Name of foods taken specially	foods the woman took specially following delivery?  No. of days taken The reason for taking
Name of foods taken	No. of days
Name of foods taken specially	No. of days
Name of foods taken specially Rice Wheat	No. of days
Name of foods taken specially Rice Wheat	No. of days
Name of foods taken specially	No. of days
Name of foods taken specially  Rice  Wheat  Fish  Dry fish  Meat	No. of days
Name of foods taken specially Rice Wheat Fish Dry fish Meat Milk	No. of days
Name of foods taken specially  Rice  Wheat  Fish  Dry fish  Meat  Milk  Egg	No. of days
Name of foods taken specially  Rice  Wheat  Fish  Dry fish	No. of days
Name of foods taken specially  Rice  Wheat  Fish  Dry fish  Meat  Milk  Egg  Dal	No. of days

•	No. of days	
Name of foods taken	taken	The reason for taking
Any other (specify):	-	
A CAN BE THE REAL PROPERTY OF THE PROPERTY OF		
	-	
entransporter of the section of the	A post of the second se	
	managa daginiya na ani kabupaten kab	
Which of the following	foods the wor	man avoided, following delivery?
	No.of days	
Name of foods avoided	avoided	The reason for avoiding
Rice		
Wheat		
Fish		
Dry fish		
DLY IXSH		
Meat		
Milk		
·	and a graph and a graph and be a market of the first of t	
Egg	aterioristic and the statement statement and	
Dal	*	
Makaka		
Potato	nertwisens by the Market Mallet American (Afficience American Amer	
Vegetables		
Fruits		
	Married Community of the Community of th	
Any other (specify):		•
Varieties in the second desired and the second of the seco	Here the state of	
	ARRIVAN PROPERTY OF THE SPECIAL PROPERTY OF THE SPECIA	
	en e	

	ore than normal of any food prior to delivery? Yes/No	grPfreightlifteringaretter-tr-
(If yes), Name of	f foods The reason for taking more than average	
1.		
2.		
3.		- Chille Standistic and service -
mil -h- t-h- I-m	s than normal of any food prior to delivery? Yes/No	
		And the second s
<del>-</del>	f food The reason for taking less than normal	
1.		·
2.		<del></del>
3.		
4.		
,		
Which foods did	she take yesterday?	
Meal	Food items	
Morning		The state of the s
Mid-morning		na <sub>ranga mangam</sub> akangkangkang nagawan na sa
Noon		delimitation of the Control of the C
Afternoon		<del>ang de la company de la com</del> q
Night		
History of illne	256:	
Did woman have a	any illness/complaints prior to delivery? Yes/No	naghg-4-granusydrus.
(If yes), Illness/complain	Type of treat- Medicine nts Duration Days in bed ment received or drug	Cost of treatment
	$\cdot$	

If no treatment received, state the reason
If treatment was given on subsidy or free, to whom would she go for treatment?
Information on Pregnancy outcome:
Date of pregnancy outcome Result of pregnancy outcome
Sex Census No. (if born alive Birth weight(kg)
Name of the newborn None/Nickname/Real name
If named, when? Who named?
Why the newborn is so named?
If not named yet, state the reason
Any complication of the newborn at the time of delivery? Yes No
(If yes), the complications Type of treat- Kind of medicine cost of treatment ment offered or drug
Breathing difficulty
Crying difficulty
Inability to suck
Injured during birth
Blue baby
Birth defect
If no treatment offed, state the reason
If treatment was given on subsidy or free, to whom would the parents go for
treatment?

my illness of the	infant afte	er birth? Yes	No	in all the street in games and the street and the s
If yes), illness		Type of treat-	Kind of medici	ne Cost of treatment
•	All the second s		•	
		والمرابعة		
	The second secon	in the reason	erge english aller er aller gegen i enterfait i den er	
•			i de la companya de	
If treatment was o	n subsidy o	r free, to whom	would parents 90	for treatment?
		And the second s		
Was infant given a	ny inaugura	al feeding (not )	oreast-milk)? Yes	NO CONTRACTOR OF THE PROPERTY
(If yes), name the	item	When giv	ven	How given
was the newborn gi				
•	•			
If no, state the I		•		
Was the infant bat				
If no, how often 1	he/she was )	bathed?	المستوان والمستوحة والمستود وا	,state the reason f
not bathing daily		ر المستقدمة المستقدم	and the second s	
Was the newborn e	xposed to s	un? Yes	No .	ng ang ng ang ng atanah kerak ga ang na
If no, state the				
•				
Was the newborn t				
If no state the r	eason	And the second s	No. of days	المراجعة الم
Iformation on the				
Name		Village		bari
Age	Marital St	atus	Education	
				very
	•		•	xperience (years)
Any training rece				
If yes, state the	type of t	raining	đ	uration

Hand washing before delivery: With soapwith any other substance (specify)
How soon after birth the umbilical cord was cut?
Name of instrument used to cut the umbilical cord
Was instrument steriled before use? Yes No
If yes, state how
Why was this instrument used?
Method of dressing the umbilical cord: Applied ash or burnt earth but not tied
Tied with thread but ash or burnt earth not applied Tied with thread
and applied ash or burnt earth Any other (Specify)
If the umbilical cord was dressed with any substance, state the reason(s) for the
dressing
If the umbilical cord was neither tied nor any substance was applied in it, state the
reason
Describe the care of the plancenta
Has birth attendant any knowledge of family planning? Yes No
If yes, name the source of knowledge
If yes, name the contraception she knows of
If yes, has she recommended any method of contraception? Yes No
If yes., what method? What ground?
Remarks (if any)
Reported by (Female interviewer) Date
Verified by (Supervisor)
The placenta came out spontaneously Placenta required manipulation (hand etc)
The umbilical cord was cut after the placenta came out Umbilical cord was
cut before the placenta came out If the umbilical cord was cut before the placenta came out state the reason/circumstances
bracented came and prace one regently errampeances

# MATERNAL AND CHILD CARE - SOCIOCULTURAL ASPECTS

## Post-partum Report (PPR)

Name of village	Bari	garaginin da da da da angan da
Name of Husband/Father	Name of woman	
Census No.		
	•	
Information on woman since last visit:		
Woman staying now at: Husband's residence	e Father's	residence
Any other place(specify)		
Is woman breastfeeding her previous chil	d? Yes No	N.A.
Age of previous living child (if any)	Sex: M/F/	N.A.
Woman takes bath daily: Yes	No	
If no, how often she takes bath?		
The reason for not taking daily bath		<del>and the state</del>
Does she smoke? Yes No		
If yes, how often she smokes?	·	ggesspensons (villa)*
Does she chew betelnut leaves? Yes	No	and the second s
If yes, how often she chews betelnut le	aves daily?	angalanga inangangangangangangangangangangan
Does woman eat from common utensils wit	h children? Yes	No. N.A.
Does she eat left over foods by childre	n? Yes No	N.A.

Did woman perform the following activities, if required? The reason for not performing Activities ... Yes/No. Cooking 2. Petching water 3. Husking paddy (by hand) Husking paddy (pedal) Grinding (pounding) rice Boiling paddy Washing clothes 7. Plastering floor with clay Plastering floor with cow-dung lo. Working in the field (excluding gathering paddy) 11. Threshing paddy 12. Weaving clothes 13. Sweeping/cleaning 14. Cleaning animal shed 15. Drying paddy 16. Gathering paddy 17. Fishing . 18. Drying jute 19. Tying down cows, goats etc. 20. Sewing quilt 21. Frying rice 22. Making nets 23. Washing jute 24. Any other (specify)

# Which of the following foods the woman took specially? No. of days Name of foods taken The reason for taking taken specially. Rice Wheat Fish Dry fish Meat . Milk (specify) Egg Dal Potato Curd Vegetable Fruits Any other (specify) Which of the following foods the woman avoided? No. of days Name of foods The reason for avoiding avoided avoided Rice Wheat Fish

Dry fish

Name of foods	No. of days avoided	The reason for avoiding		
and the state of t				
Meat				
Milk (specify)		and the contraction of the contr	M seep to have the seep of the	
Egg				
Dal	· anothing any and of the control of the special in the paper than the			
Potato		The second	سادنية شداد وسياني ويستهيؤه يود ويد	
Curd				
Vegetable	·		Control of the Spiriters	
Fruits	The state of the s	Photographic and the first own refer to the photographic and the photogr		
Any other (specify):				
		Proposed the second	***************************************	
			<del></del>	
Which food did she take yeste	erday?			
Meal	E	ood items		
Morning	Statement of the control of the cont		arman artiga da partiga dilibratura	
Mid Morning	The state of the s		The state of the s	
Noon	The state of the s			
Afternoon	Annual State of the State of th		-	
Night	And the second s	and the street of the street o		
Did woman have any illness/c	complaints? Yes/N		Cost of	
(If yes), Illness/complaints Do	ration Days in	Type of treat- Medicine bed ment received or Drug	treatmen	
and a summary of the state of t				

If no treatment received, state the reason
Information on the infant since last visit:
Age Sex Census No
NameNone/real name/nick name
If named, when? Who named?
Why the newborn is so named?
If not named yet, state the reason
Is the newborn bathed daily? Yes No
If no, how often the baby is bathed? State the reason for not
bathing daily
Was the newborn exposed to sun? Yes No
If yes, when If no, state the reason
Was the newborn taken out of the birth room? Yes No
If yes, when If no, state the reason
In the family there is presence of: Paternal Grand-mother
Maternal grand-motherStep mother
Grown-up sister(s)Any other relation who takes special care
of the newborn (specify)
Have your infant suffered any illness? Yes No
(If yes), illness Duration Type of treat- Kind of medicine Cost of ment received or drugs Treatment

the weapon	
If no treatment received, state the reason	for treatment?
If treatment was on subsidy or free, to whom would parents go	
In case there was any illness, was breast-milk withheld? Yes_	No
In case there was any illness, was breast-milk reduced? Yes	No
In case there was any illness, was breast-milk increased? Yes_	
Remarks (if any)	والمستوال والمستوال والمستور والمتوارق والتواري والمتوارية والمتوارية والمتوارية والمتواركة والمتوا
	<b>.</b>
Reported by (Female interviewer)	Date
verified by (Supervisor)	Date