

Appendices

Appendix1 : Exit Interview questionnaires

Antenatal Client Exit Interview-1

Name of District	
Name of Block	
Date and time of Interview	
Age in years	
Gravida	
Qualification	
Employment status	
No. of live children	
Husband's qualification	
Husband's employment status	

QUESTIONNAIRES

Please tick only one box in each item.

ANC1	Were you happy with the arrangement of your antenatal visit?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC2	How well did you get on with your carer?	Very well (1) <input type="checkbox"/>	Reasonably well (2) <input type="checkbox"/> Not very well (3) <input type="checkbox"/>
ANC3	Waiting time at clinic	Far too long (3) <input type="checkbox"/>	Bit too long (2) <input type="checkbox"/> Happy with waiting time (1) <input type="checkbox"/>
ANC4	Preferred level of continuity of care	- Did not mind some one different each time (1) <input type="checkbox"/> - Small group of 3 – 4 people (2) <input type="checkbox"/> - 1 person but did not mind someone different (3) <input type="checkbox"/> - Same person each time (4) <input type="checkbox"/>	
ANC5	Would you mind male carer checking you?	Yes (1) <input type="checkbox"/> No (0) <input type="checkbox"/>	

ANC6	How satisfied are you with information about preparation for labour?	- Very satisfied (1) <input type="checkbox"/> - Satisfied (2) <input type="checkbox"/> - Dissatisfied (3) <input type="checkbox"/> - Very dissatisfied (4) <input type="checkbox"/>
ANC7	Did the clinic provide ANC class?	Yes (1) <input type="checkbox"/> No (0) <input type="checkbox"/>
ANC8	Did you visit the labour room in the hospital?	Yes (1) <input type="checkbox"/> No (0) <input type="checkbox"/> No opportunity (2) <input type="checkbox"/> Not necessary (3) <input type="checkbox"/>
ANC9	Did you enjoy your carer	Yes(1) <input type="checkbox"/> No (0) <input type="checkbox"/>
ANC10	Did you want to see a doctor but did not?	Yes (1) <input type="checkbox"/> No (0) <input type="checkbox"/>
ANC11	Where would you prefer to deliver?	Home (9) <input type="checkbox"/> Hospital (5) <input type="checkbox"/>
ANC12	Do you know when is your next visit	Yes (1) <input type="checkbox"/> No (0) <input type="checkbox"/>

Appendix 2 : ANC observation Forms

ANC OBSERVATION-2

ANC13	Is the patient received warmly.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC14	History taking and recording done properly.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC15	Examined height.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC16	Examined weight	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC17	Examined Anaemia	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC18	Examined oedema	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC19	Blood pressure recorded?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC20	Urine for albumin and sugar examined?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC21	Abdominal examination done well?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC22	ANC record complete and accurate?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC23	Provided TT with accurate schedule and technique?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
ANC24	Provided Iron folic acid as per requirement?	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>

Appendix 3 : Delivery Observation Form

OBSERVATION FOR MATERNITY CARE EQUIPMENT AND DRUGS -1

MC1	Equipment adequately received.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC2	All instruments for labour are sterile.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC3	Maintained properly.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC4	Adequate supply of gloves.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC5	Drugs in required quantities.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC6	Emergency equipments easily accessible.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC7	Never run short of emergency drugs like methylergometrine or oxytocin	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>

OBSERVATION OF MATERNITY CARE PROVISION -2

MC8	Seen by a doctor upon admission.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC9	Labour been monitor using partogram.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC10	Client prepared for any eventuality.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC11	Checked for anaemia.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC12	Blood grouping done & blood bank informed.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC13	Delivery conducted with good care.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC14	Cord cut and cared with complete sterility.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC15	Perennial care done adequately after delivery.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC16	Client well comforted during and after delivery.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC17	Staffs never get annoyed when the patient cries with pain.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>
MC18	Patient counselled well for postnatal follow-up.	Yes (1) <input type="checkbox"/>	No (0) <input type="checkbox"/>

Appendix 4 : High Risk Screening Form

High Risk

- Age < 15 yrs. Or > 35 yrs
- Prime gravida (elderly prime) > 30 yrs
- Height <140 cm
- Grand multi para P 5 & above
- Past History
 - PPH
 - Retained placenta
 - Still birth
 - LSCS

Present **PET**
 PV bleeding

Medical History

- Heart disease
- Diabetes
- Other medical problem
 - HIV
 - Jaundice
 - Liver failure
 - Renal failure

BP 140/90 and above

HB < 8 gm

Oedema +

Sugar +

Albumin +

Position oblique & breech

Appendix 5 : Guidelines for Focus Group Discussions

FOCUS GROUP DISCUSSION GUIDE

No of participants	-	10 persons (5 from ANC and 5 from Maternity)
Moderator	-	Mr. Kado Zangpo, Chief Research Officer, Dept.of Health.
Note taker	-	2 persons
Date of interview	-	

Points for discussion

1. Technical.

- 1.1 Regarding the contents of ANC.
- 1.2 No. of visits required against actual implementation.
- 1.3 Cards do address the required information for both clients and carers.
- 1.4 Cards do not sufficiently address the referral needs of clients.
- 1.5 Risk detection by ANC not adequate.
- 1.6 Prediction of delivery complications by ANC not useful.
- 1.7 Some of the ANC procedures not required and redundant.

2. Skills

- 2.1 In which areas skills need to be updated.
- 2.2 How can training of the staffs increase trained deliveries?
- 2.3 What is the participants' view on the ANC in predicting the delivery complications?
- 2.4 What extra inputs are necessary to make ANC more proactive so that women would like to come to hospitals and ask for more assistance from trained personals?
- 2.5 How can we improve the referral mechanism between ANC and maternity care?
- 2.6 In the participants opinion is the Health School curriculum satisfactory to meet the increasing demand?
- 2.7 How can delivery of ANC services be better with the limited resources as of now?

3. General focus

- 3.1 Opinion of the participants regarding the attitude of the clients towards ANC.
- 3.2 General behaviour and attitude of the staffs towards the ANC services and maternity services.
- 3.3 Remarks on the administration like supplies, staff incentives etc.

Appendix 6 : Guidelines for In-depth Interviews

In-depth interview guide

This will be conducted with a postnatal mother who has just delivered in JDWNRH Maternity Ward with complete series of ANC at antenatal clinic.

1. Name of the interviewer -
2. Date of interview -

General Guide

- It will be aimed at general satisfaction level of the mother.
- To find the perception, regarding the quality of care and safe delivery of the mother.
- To know, the attitude and behaviour of the staffs, while dealing with the patient in the maternity ward.
- To find out the mother's knowledge regarding care of newborn and also to find out the choice of her carer (male or female) during the delivery.
- To find out some of the reasons why according to her most of the women deliver at home assisted by some one who is not trained to deliver.
- To find out some of the most important means to motivate women to utilize hospitals and health facilities for the purpose of delivery.
- To find out from her some of the ways to improve the ANC and maternity services in future.

Appendix 7 : Approval and clearance letters

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གསོ་བ་དང་ཤེས་ཚིག་ལྷན་ཁག།
གསོ་བའི་ལས་ཁུངས།
ཐིམ་ཕུག།



ROYAL GOVERNMENT OF BHUTAN
MINISTRY OF HEALTH & EDUCATION
HEALTH DEPARTMENT
THIMPHU PO BOX 108

Ref. No. 1(6)DHS/2001/ 6052

January 8, 2002

To
The Offg. Superintendent
JDW/NRH
Thimphu.

Sir,

As we have received a letter from Samlee Plianbangchang, M.D., Dr. P.H. Dean saying that Dr. Dorji Wangchuk who is presently doing his Master Degree on Public Health at Chulalongkom University, Bangkok would like to do a study on the field of Antenatal Care in JDWNR Hospital.

Please provide him all the necessary support to enable him to complete his proposal.


This is for your kind information and necessary action.

Yours faithfully,


(Dr. Gado Tshering)
Director

Copy to:

1. Samlee Plianbangchang, M.D., Dr. P.H. Dean, the College of Public Health, Chulalongkom University, Bangkok for kind information.


1/11/2002

Curricula Vitae

Name : Dr(med) Dorji Wangchuk

Date of Birth : 15. 06.1956

Nationality : Bhutanese

Education : ISC –12, Sherubtse College Kanglung, Bhutan.
MBBS, Medical College Rohtak, Haryana, India

Work Experience :

March 1985-September.1986 - Trashigang Hospital
(General Duty Medical Officer)

October.1986- June 1987 - Thimphu Hospital
(General Duty Medical Officer)

July 1987-December.1987 - Royal Institute of Health Sciences
(Medical officer cum Tutor)

January 1988-December1999 - Samdrup Jonglkar Hospital
(District Medical officer)

January.2000. till date - National Referral Hospital
(Superintendent).