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TRIP REPORT

MOTHER CARE PROJECT NO. 1659

NIGERIA

MARCH 1 - 5 AND MARCH 14 - 19 - 1993

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ACKNOWLEDGEMENTS

Many people contributed to the work achieved during this visit. Special thanks are extended to:

The Mothercare staff - Mrs. Lola Payne, and Mr. U.S.A. Nnanta.

The Life Saving Skills Trainers.

Mr. Rudolph Thomas, Dr. John McWilliam and their staffs at USAID and Family Health Services.

All the staff from Oyo, Osun, and Bauchi states who spent their time working with us and made the commitment to further work on the safe Motherhood work.

ABBREVIATIONS

USAID	United State Agency for International Development
ACM	American College of Nurse-Midwives
FHS	Family Health Services Project
IC	In Charge
IEC	Information, Education, Communication
LSS	Life Saving Skills
PHC	Primary Health Care
SMOH	State Ministry of Health
SNS	Senior Nursing Sister
MCH	Maternal and Child Health
STD	Sexually Transmitted Diseases

I.

EXECUTIVE SUMMARY

Two continuing education workshops for physicians were held in Bauchi and Ibadan. The physicians serve the training and sub-centres from which LSS trained midwives will be drawn.

One of the goals of the workshop was to sensitize and educate participants on issues related to Maternal, Mortality, and Morbidity. From the very lively and open discussions that transpired the barriers to assessibility and quality of care were identified as:

1. Socio-economic and cultural:

This included illiteracy, poverty, ignorance, low social status of women. Malnutrition and religion amongst others.

2. Service Delivery:

The overwhelming absence of basic facilities and inputs for the provision of adequate maternity care. This state of affairs had created a lot of frustration among the physicians. The lack of commitment of some health care providers was also identified as a contributory factor affecting maternal mortality.

The physicians were giving technical updates in obstetrical management. The experience gained from the LSS training programme in Ghana was also shared with them including the appropriateness of expanded roles for midwives and the responsibilities of physicians in giving midwives backup and support.

In general, we believe that the workshops were useful. They had increased and enhanced awareness among the physicians as to the major causes of maternal deaths and how to prevent them. In addition, the workshops offered the physicians the opportunity to update their knowledge in obstetrical emergencies and management.

II. BACKGROUND:

The Mothercare project is a collaborative effort among the Federal Ministry of Health, Nigeria, the several state ministries of health, and the centrally funded USAID project named Mothercare. The project is funded from March of 1992 through August of 1993. The aim of the project is to address the high maternal mortality ratio seen in Nigeria by 1). updating and expanding the skills of midwives to address obstetrical emergencies, and 2). to address the information needs of communities so that they may better prevent and treat maternity health needs and eliminate barriers to good care.

Several needs assessments were conducted seeking two states which are committed to improving maternity care. The state also had to have a maternity service with sufficient volume of antenatal clients and deliveries to permit clinical continuing education for midwives.

The programme then introduced the concepts to national policy makers, finished development of the needed curriculum, obtained consensus that the curriculum already developed fits the education needs of midwives in Nigeria, and started to fit the designated training centres with needed equipment and supplies. Additionally, trainers were identified, a training schedule developed, and equipment ordered. Forms were printed and new forms developed to address evaluation, record keeping, and trainee handouts.

The programme is now at the point of starting training midwives at both training centres. Continuing Education workshops for physicians were held in March, 1993. Continuing education workshops for matrons is planned for April, 1993.

III. PURPOSE

To advance the activities of Mother Care Project in Nigeria and assist with the two continuing education programmes for physicians in Life Saving Skills to be conducted in Bauchi and Ibadan.

IV. SPECIFIC ACTIVITIES:

1. Brief with USAID and the Mother Care Co-ordinator in Lagos.
2. Collaborate with Dr. Shola Franklin and other participants to provide new/updated obstetrical information to physicians, house officers, and medical officers working at the training and sub-centres from which LSS trained midwives will be drawn.
3. Assume major responsibility for the conduct of two three day workshops for physicians to be conducted in Bauchi and Ibadan.
4. Share with physicians, midwives, administrators and other staff the experience gained in LSS training programs in Ghana to include the appropriateness of expanded roles for midwives and system inputs required if a decrease in maternal mortality is to be achieved.
5. Help to plan, implement, and evaluate two continuing education workshops for physicians (Bauchi and Oyo) who work in institutions where LSS trained midwives will function. Workshop dates are tentatively March 3.5 in Bauchi and March, 9.11 in Ibadan.
6. Debrief with USAID in Lagos.

BAUCHI TRAINING CENTRE:

The continuing education workshop for physicians took place as scheduled from the 3rd- 5th March, 1993 at the Bauchi Specialist Hospital.

The main topics discussed on day one were:

1. Overview of Maternal Mortality in the world and in Nigeria by Peg Marshall and Dr. Shola Franklin respectively.
2. Overview of the Mother Care Project - Mrs. Lola Payne.
3. Some solutions to the high Maternal Mortality. Problems in Nigeria by Dr. Shola Franklin.
4. Life Saving Skills programme in Ghana including the appropriateness of expanded roles for midwives and the responsibilities of physicians in giving midwives backup and support. - By Dr. Joseph Taylor

Two films were shown to support the presentations and discussions. The film "Why did Mrs. X die" is a retrospective analysis showing many barriers affecting Maternal Mortality and the interventions that could prevent unnecessary deaths. The second film entitled "Vital allies" addresses the solutions to high maternal mortality that have been tried in other places including LSS.

The second day's presentations included:

1. Update on vacuum extraction:

Use of the CMI soft cap system and Management of Obstructed Labour and its sequelae by Dr. Joseph Taylor.

2. Update on the management of anaemia and update on Pregnancy Induced Hypertension - Dr. Shola Franklin.
3. Introduction to the Antenatal Risk Assessment form and how we can track high risk population - Peg Marshall.
4. Introduction to the Partograph - Emily Medina.
There was also a film on the CMI vacuum extraction setup.

On the 3rd day, we dealt with the following topic:

1. Implementation of the WHO Partograph protocols - Dr. Shola Franklin and Peg Marshall.
2. Update on management of Haemorrhage - Dr. Waziri Saleh.
3. Update on the management of Sepsis - Dr. Joseph Taylor.

ADEOYO TRAINING CENTRE:

The workshop did not start as originally scheduled 9th - 11th March, 1993 due to an industrial action by a section of health workers including midwives. It rather came on 16th - 18th March, 1993. Apart from minor changes, the programme followed the same pattern.

MAJOR FINDINGS:

The participants were receptive and their response encouraging. There was active participation from the physicians particularly in the north who were very frank and open. It was clear that they wanted to share their experiences with others and that they were working under a lot of frustration and constraints.

The issues raised regarding the problem of high maternal mortality rates in Nigeria were:

1. Socio-economic and Cultural:

This included illiteracy, poverty, ignorance, low social status of women, malnutrition and religion amongst others.

2. Service delivery:

The overwhelming absence of basic facilities and inputs for the provision of adequate maternity care. The lack of commitment of some health care providers was also identified as a contributory factor affecting maternal mortality.

It was gratifying to see at the end of the workshops, the emerging positive attitude of the physicians, leaving behind their initial anger, resignation and frustration. They were determined to assume their crucial role in arresting the unacceptably high maternal mortality rates in Nigeria.

The physician's training in the north has resulted in an incredible improvement and new level of understanding of the physician's role in proactive management of obstructed labor as well as much improved support of the midwives as they practice Life Saving Skills. Holding this conference has resulted in profound immediate benefit. The midwives are delighted. We are delighted. We look forward to sustained benefit. As the physician's conference in Oyo is just finishing, we can not make any observations regarding implementation at that site.

MAJOR RECOMMENDATIONS: (In Order of Importance)

A. Acquisition of Life Saving Skills is clearly already making a difference. Anecdotal review of cases managed by the new LSS trainers notes much improved resuscitation of newborns, improved management of post-partum haemorrhage and earlier recognition of obstructed labor on the part of the midwives. It is critical that as indepth an understanding as the trainers now enjoy is transmitted to the rural midwives working so alone facing disastrous emergencies .

B. There is an ongoing and urgent need to strengthen referral centres with basic facilities or inputs to be able to perform essential obstetric functions eg. blood pressure cuffs, hemoglobin testing equipment, weighing scales, laparotomy instruments, evacuation sets, etc. Collaboration and planning for this with appropriate government agencies is critical. This is an appropriate role for the Mother Care Policy Advisory Committee to assume.

C. There is an urgent need that all institutions offering maternity care institute regular periodic maternal and perinatal death audits with the aim of improving care and decreasing future maternal deaths. Formats for death audits are well established in other places and should provide constructive strategies for improvement, not punishment for inadequate care rendered.

D. It is necessary to institute periodic continuing education program for physicians.

E. We recommend that in the follow-on project that money and time be budgeted for the development and implementation of a Maternal Mortality module which would be taught at all Nigerian Medical Schools as a way of getting issues regarding maternal mortality into pre-service education. Where possible, this Module would be accompanied by classes or a conference where the partograph and antenatal risk assessment would be taught.

APPENDICES

Appendix A. PERSONS AND INSTITUTIONS CONTACTED:

United States Agency for International Development:

Mr. Rudolph Thomas, Program Officer AID.

Family Health Services:

Dr. John McWilliam, Project Administrator

Dr. Akin Akinyemi, Deputy Project Administrator

Mrs. Abimbola Payne, Mother Care Project Co-ordinator

Mr. Uzoma S.A Nanta, Administrative Secretary

Mr. Celestine Onwuyali, Expediter

Mr. Innocent Chukwu, Expediter

Mrs. Susan Krenn, Director IEC

Mrs. Data Phido, Programm Officer IEC

Mrs. I. V. Mako, Consultant IEC.

Oyo State:

Mrs. A. O. Ladipo, Deputy Director PHC, SMOH.

Mrs. Elizabeth Adejuwon, Asst. Chief Health Sister PHC, SMOH.

Adeoyo Maternity Hospital, Yemetu, Ibadan:

Dr. Iyun, Chief Consultant (Radiologist)

Dr. Shola Franklin, Chief Consultant Obstetrician

Dr. (Mrs) Williams, STD Clinic

Dr. Williams, Senior Consultant Obstetrics and Gynaecology.

Mrs. Ronke Apatira-Jawando, Principal Hospital Secretary

Dr. V. M. Bello, Consultant Obstetrics and Gynaecology

Mrs. S. T. Akinwale, Senior Matron

L.S.S. Trainers:

Mrs. Comfort Akindede

Mrs. Clara Sanda

Mrs. Matilda Olojedi

Mrs. Jumoke Adekogba

School of Midwifery Yametu, Ibadan:

Mrs. E.F. Oyediji, Principal Midwifery Training School.

Oshogbo, Osun State:

Dr. Adeyefa, Director PHC.

Bauchi, Bauchi State:

Dr. Danjuma Sulai, Executive Secretary, State Health Management Board

Mrs. Helen Jammal, Asst. Chief Health Sister, PHC.

Mrs. Habiba Ali, MCH Co-ordinator.

Bauchi Speciality Hospital, Bauchi:

Mr. Kuli B. Tula, Chief Nursing Officer

Mrs. Salome Sambo, Chief Matron IC Maternity Services.

Mrs. Dorcas Ikpi, Principal Nursing Sister, IC Maternity.

Mrs. Emely Medina, L.S.S. Trainer

Mrs. Paulina Akanet, L.S.S. Trainer.

Midwifery Training School, Bauchi:

Mrs. Hafsa Sugra Mahmood, Principal

Addresses and Phone Numbers:

Family Health Services,
Plot 1601, Adeola Hopewell Street
P. O. Box 554,
Victoria Island, Lagos, Nigeria
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Fax: 011 - 234 - 1 - 612 - 815.

Dr. A. A. Adeyemi, Asst. Director PHC Services
PHC/Family Health Division
8, Harvey Road, Yaba
Telephone: 868 - 185

Mrs. E. F Oyediji, Principal
School of Midwifery Yemetu
P. O. Box 7866 Secretariat Ibadan
Ministry of Health
Yemetu, Ibadan, Nigeria.

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PMB 5115
Dugbe, Ibadan, Nigeria
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Mrs. A. O. Ladipo, DD PHC
Ministry of Health
Directorate of Primary Health Care
Secretariat, Ibadan, Nigeria.
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Ministry of Health
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Bauchi Specialist Hospital
P. M. B 005
Bauchi, Bauchi State.

School of Midwifery, Bauchi
Bauchi, Bauchi State.

Telephone: 42 - 632.

Appendix B. CONTINUING EDUCATION WORKSHOP FOR DOCTORS
BAUCHI SPECIALIST HOSPITAL
MARCH 3 - 5, 1993

Wednesday, March 3rd:

8 AM: Welcome, Introductions- Dr. Danjuma Sulai

Registration

Film: "Why Did Mrs. X Die"?

Overview of Maternal Mortality in the World- Peg Marshall

Overview of Maternal Mortality in Nigeria- Shola Franklin

Tea Break

10:30 AM: Registration and Overview of the Mothercare Project-
Mrs. Lola Payne.

Progress to date with the Bauchi LSS Training Programme- Mrs.
Salome Sambo

Some solutions to the high Maternal Mortality Problem in Nigeria-
Dr. Shola Franklin

Lunch

2:00 pm: What solutions to high Maternal mortality have been
tried in other places?

Film: "Vital Allies".

Life Saving Skills Programme in Ghana: How expanded roles for
midwives and management protocols (e.g. partograph) can improve
maternity care- Dr. Joseph Taylor

Thursday, March 4th:

8 AM: Update on Vacuum Extraction: Use of the CMI soft cup
system- Dr. Joseph Taylor

Film: The CMI vacuum Extraction Setup

Tea Break

10:30 AM: Update on the Management of Anaemias- Dr. Shola
Franklin

Introduction to the Antenatal Risk Assessment Form and how we can
track our high risk populations- Peg Marshall

Lunch

2:00 PM: Update on Pregnancy Induced Hypertension- Dr. Shola
Franklin

Update on the Management of Prevention of Obstructed Labour:
Introduction to the Partograph- Emily Medina

Management of Obstructed Labour and its Sequelae- Dr. Joseph Taylor

Friday, March 5th:

8 AM Implementation of the WHO partograph protocols- Dr. Shola Franklin and Peg Marshall.

Tea Break

10:30 AM: Update on the Management of Haemorrhage-Dr. Waziri Saleh

Update on the Management of Sepsis- Dr. Joseph Taylor

Lunch

2 PM: What are the short, intermediate, and long term steps we must take to reduce maternal and infant mortality?

Panel Discussion:

Dr. Magaji
Mrs. Mahmood
Dr. Jorge
Mr. Tula
Mrs. Sambo
Dr. Taylor

APPENDIX C CONTINUING EDUCATION WORKSHOP FOR DOCTORS
OYO AND OSUN STATES AT ADEOYO MATERNITY
HOSPITAL IBADAN MARCH 16 - 18, 1993

Tuesday, March 16th:

8 AM: Welcome, Introductions-
Registration

Film: "Why did Mrs. X Die"?

Overview of Maternal Mortality in the World- Peg Marshall or
Dr. Franklin

Overview of Maternal Mortality in Nigeria- Dr. Sola Franklin

Tea Break

10:30 AM: Registration and overview of the Mother Care Project -
Mrs. 'Lola Payne

Progress to date with the Oyo State LSS Training Program

Some solutions to high Maternal Mortality problem in Nigeria -
Dr. Sola Franklin.

Lunch

2:00 PM: What solution to high Maternal Mortality have been tried
in other places?

Film: Vital Allies

Life Saving Skills Programme in Ghana: How expanded roles for
midwives and management protocols (e.g. partograph) can improve
maternity care - Dr. Joseph Taylor.

Wednesday, March 17th:

8 AM: Update on Vacuum Extraction: Use of the CMI soft cup system
- Dr. Joseph Taylor

Film: The CMI Vacuum Extraction Setup

Tea Break

10:30 Update on the Management of Anaemia - Dr. A Obisesan
Introduction to the Antenatal Risk Assessment Form and how we can
track our high risk populations - Peg Marshall

Lunch

2:00 PM: Update on Pregnancy Induced Hypertension - Dr. Shola
Franklin

Update on the Management of prevention of obstructed Labour
Introduction to the Partograph - Jumoke Adekogba
Management of obstructed Labour and its Sequelae -
Dr. Joseph Taylor

Thursday, March 18th:

8 AM: Implementation of the WHO partograph protocols -
Dr. Sola Franklin and Peg Marshall

Tea Break

10:30 AM: Update on the Management of Hemorrhage - Dr. O
Williams, consultant Alafia Hospital, Ibadan

Update on the Management of Sepsis - Dr. A Awomolo - Iwo
Specialist Hospital, Osun State.

Lunch

2 PM: What are the short, intermediate, and long term steps we
must take to reduce maternal and infant mortality?

Panel Discussion:

Dr. Ojengbede]
Dr. O. Williams
Dr. N.A.O. Williams
Dr. Sola Framsibi
Dr. O. Obisesan
Dr. A. Awomolo

Friday March 19

8. AM Interpersonal Communication - Mrs. Mako

Appendix D COMMUNIQUE ISSUED AT THE END OF LIFE
SAVING SKILLS TRAINING PROGRAMME CONTINUING EDUCATION
PROGRAMME FOR DOCTORS HELD 3 - 5 MARCH, 1993
AT BAUCHI SPECIALIST HOSPITAL. BAUCHI

It is agreed by participants that:

1. Maternal Mortality rate has reached an unacceptable level;
2. Most causes of maternal mortality are preventable;
3. The MotherCare Initiative is a timely and bold attempt at reducing maternal mortality.

The workshop further resolved that:

- (a) Government being the main provider of Health Services in our area should view more seriously provision of maternal and child health especially in the area of effective antenatal care in cooperating the use of the Antenatal Risk Assessment form.
- (b) Health Personnel involved in maternal health services should rededicate ourselves to ensure safe motherhood even in the presence of inadequate facilities;
- (c) Bureaucracies involved in procurement of drugs, surgical and other materials needed in obstetric care should be minimized;
- (d) In view of the increased responsibility of the Midwife in the provision of maternal health services, Midwifery training standard should be improved;
- (e) Government should get politically committed to the life saving skill programme;
- (f) Continuing education programme should be organized for all those involved in maternal health services;
- (g) Communities, individuals and non-governmental organizations should assist in the provision of maternal health services.
- (h) The government should declare an annual remembrance day (similar to that of soldiers who died at War) for all women who died of preventable causes associated with pregnancy, childbirth and puerperium;
- (i) All women, whether individually or as groups should embrace the life saving skills programme;
- (j) The partograph is accepted as part of the labour room practice and it's [partograph] use must be encouraged anywhere child delivery is taken; and
- (k) Maternal and Perinatal Mortality audit should be an integral part of routine departmental programmes.

APPENDIX E PARTICIPANTS AT BAUCHI PHYSICIANS' CONFERENCE

Dr. Hassan B. Gegare, MO, General Hospital Toro

Dr. D.D. Barau, MO, General Hospital Gombe
Dr. Kumangh Umru, SMO, General Hospital Gome

Dr. Suleman Sa'an, MO, General Hospital Azare
Dr. Mohammed Isa Umar, MO I\C, General Hospital Azare

Dr. C. F, Buma, Mo, General Hospital Darazo

Dr. Yakuba Modi ALiyu, MO. II, General Hospital Misau

Dr. Jorge Jorge, Consultant Obstetrician, Bauchi Specialist Hosp.

Dr. D.O. Chima, SMO, (Obstetrics) Bauchi Specialist Hospital
Dr. Arabs Rukujei, MO II (Obstetrics) bauchi Specialist Hospital
Dr. Mohammed Alkali, MO, (Obstetrics) Bauchi Specialist Hospital

Dr. Sola Avong, MO, (Pediatriacs) Bauchi Specialist Hospital
Dr. M. Areng, SMO, (Pediatriacs) Bauchi Specialist Hospital
Dr. Robbium Yusuf, MO, (Pediatriacs) Bauchi Specialist Hospital

Dr. Faruk Buba, MO (Internal Medicine) Bauchi Specialist Hospital

Dr. I.B. Peter-Kio SMO (Internal Medicine) Bauchi Specialist Hosp.

Dr. Iris Ojeda, Consulting Physician, Bauchi Specialist Hospital
Dr. Violeta Castillo Abros, Consulting Physician, Bauchi Specialist

Dr. Reynaldo Hernandez, Consultant Surgeon, Bauchi Specialist Hosp.

Appendix F PARTICIPANTS AT IBADAN'S PHYSICIAN CONFERENCE

Dr. N. O. A Williams, Chief Medical consultant, Adeoyo Maternity, Ibadan, Oyo State.

Dr. K. O. Iyun, chief Consultant, Adeoyo Maternity, Ibadan, Oyo Maternity, Ibadan, Oyo State.

Dr. T. A. Fulami, House Officer, Adeoyo Maternity, Ibadan, Oyo State

Dr. K. O Otukoya, House Officer, Adeoyo Maternity, Ibadan, Oyo State

Dr. E. O. Sanya, House Officer, Adeoyo maternity, Ibadan, Oyo State

Dr. (Mrs.) R.O. Adeyemi, St. Peters Maternity Hospital, Aremo, Ibadan. Oyo State.

Dr. B. T. Kasika, Medical Officer, Adeoyo Maternity, Ibadan, Oyo state

Dr. S. A. Adediran, Senior Medical Officer, Adeoyo Maternity, Ibadan, Oyo State.

Dr. S. B. Adeoye, Senior Medical Officer, Adeoyo Maternity, Ibadan Oyo State

Dr. J. K. Fahm, Medical Officer, Jericho Nursing Home, Ibadan, Oyo State

Dr. Olaymola Apena, House Officer, Iwo, Osun state

Dr. L. O. Odesanmi, Medical Officer I, Iwo, Osun State.

Dr. Ayodeji Awomolo, Principal Medical Officer, Iwo State Hospital, Osun State.

Dr. Francis Anibasa, Medical Officer, Eruwa District Hospital, Oyo State.

Dr. Gbenga Adepoju, Medical Officer, Osogbo, Osun State.

Dr. Olusegun Aforabi, Senior Medical Officer, Osogbo, Osun State

Dr. S.N.H. Ibeh, Senior Medical Officer II, State Hospital Ilesa, Osun State.

Dr. O. A. Ogundiran, Medical Officer I, Ife, Osun State.