

A-ATF-5572
53
78046



**MOTHERCARE PROJECT
FOURTH SIXTH MONTH PROGRESS REPORT**

November 30, 1990 - May 31, 1991

**Report Prepared for the
Agency for International Development
Contract # DPE 5966-Z-00-8083-00
Project #936-5966**

TABLE OF CONTENTS

I. Executive Summary

II. MOTHERCARE PROJECT STATUS: CENTRAL ACTIVITIES

- A. Administration
- B. Subcontractors
- C. Promotional Activities and Products
- D. New Technical Directions
- E. Meetings and Conferences

III. MOTHERCARE PROJECT STATUS: COUNTRY PROJECTS BY REGION

- A. Africa
- B. Asia/Near East
- C. Latin America and the Caribbean

APPENDICES

- A. Long-term Demonstration Projects (matrix)
- B. Short-term Country Projects (matrix)
- C. Research (matrix)
- D. Budget
- E. Listing of Reports

I. EXECUTIVE SUMMARY

During this period, November, 1990 through May, 1991, MotherCare has continued to provide Missions, Ministries of Health, international donors and cooperating agencies with current information about major issues affecting maternal and neonatal health and nutritional status. The MotherCare demonstration projects in four countries are implementing strategies designed to influence the range of behaviors that affect the health and nutritional status of mothers and the newborn; strengthen women's abilities to use available resources; and, strengthen and coordinate relevant service systems that respond to the health and nutritional needs of the mother and the neonate. In addition, MotherCare continues to examine and describe these strategies as well as project areas of focus through a series of promotional and educational papers. Those papers finalized and prepared for dissemination during this reporting period include:

Anemia

- **The Prevalence of Anemia in Developing Countries, 1979-1989
An Annotated Bibliography (Working Paper 7A, February, 1991)**

Use of Services

- **Behavioral Determinants of Maternal Health Care Choices in Developing Countries. (Working Paper 2, October, 1990)**
- **Qualitative Assessment of Attitudes Affecting Childbirth Choices of Jamaican Women (Working Paper 5, November, 1990)**

Quality of Care

- **Interventions to Improve Maternal and Neonatal Health and Nutrition (Working Paper 4, November, 1990)**
- **Achieving Safe Motherhood with Limited Resources: A Case Study of Maternity Care in Grenada (Working Paper 6, June, 1991)**

Breastfeeding

- **Early Infant Feeding in Haiti: A Synopsis and A Proposal (Working Paper 3, October, 1990)**

All Areas of Project Focus

- **MotherCare Matters Quarterly Issue**

The MotherCare Matters Quarterly is now available and distributed in English, Spanish and French and over time will address all areas of project

focus as well as address linkages and lessons learned from other child survival and family planning projects.

The above listed working papers are ready for final distribution; other working papers, such as, **Social Mobilization in Tetanus Immunization Programs: Lessons Learned from Haiti** are in progress and will be finalized and distributed within the next six months. It is also anticipated that three major products will be finalized in late summer, 1991 - **Life Saving Skills Manual for Midwives (MotherCare/ACNM), A Guide for a Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding, Maternal Nutrition and Pregnancy Outcomes**, PAHO.

MotherCare has demonstration projects underway in three long-term countries and will finalize plans for projects in the fourth and perhaps fifth long term country over the next six months.

- Bolivia: Cochabamba and Inquisivi
- Guatemala: Quetzaltenango
- Indonesia: Low Birth Weight Study, Univ. of Padjadjaran
- Uganda: Midwifery Training Project (project start-up anticipated in October, 1991)

During this reporting period, MotherCare provided on-going technical assistance to the long term demonstration projects and also responded to short-term technical assistance requests from other countries. There have been twenty-six visits to a total of 11 countries from November, 1990 - May, 1991:

Long Term Technical Assistance

- Bolivia: Development of detailed implementation plan for Inquisivi Project
- Bolivia: Develop and conduct qualitative research in Cochabamba
- Bolivia: Conduct training and facilities needs assessment in Cochabamba
- Bolivia: Refine hospital cost model and conduct workshop with hospital and project staff to discuss model and its uses (Cochabamba)
- Bolivia: Oversee qualitative research analysis in Cochabamba (two consultancies)
- Bolivia: Analyze data from case control study and train staff in methodology
- Guatemala: Practice protocol development (2 consultancies)
- Guatemala: Project monitoring visit
- Guatemala: TBA training assistance
- Guatemala: Develop evaluation framework and research design
- Guatemala: Technical assistance for financial monitoring
- Guatemala: Assess project computer capability and train staff for data entry
- Guatemala: Finalize proposal for Technical Working Group on high risk women and neonates

- Indonesia: Development of social marketing component of Indramayu Study and assess social marketing potential in Tanjunsari
- Indonesia: Review data collection instruments and develop analytic plans and models for analyses of longitudinal surveillance of pregnant women
- Uganda: Prepare for midwifery project start-up

Short Term Technical Assistance

- Ecuador: Technical assistance for study design
- El Salvador: Country assessment
- Haiti: Development of breastfeeding strategy and a strategy to reach women
- Haiti: Technical assistance to the maternal mortality study
- Nigeria: Country assessment
- Papua New Guinea: Country assessment

Meetings

- Philippines: Participation in Sixth International Women and Health Meeting
- Zambia: 7th Regional Conference of the African Union of Venereal Diseases and Treponematoses

During this reporting period, MotherCare/Manoff produced the final draft of the Guide for a Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding and will use this guide in the conduct of country assessments planned for this summer and early fall in the Dominican Republic, Bolivia and perhaps Ghana (or another African country to be identified).

In March, MotherCare began the discussions and negotiations for a potential buy-in from the S&T/H, AIDS Division for a MotherCare proposal that would initiate activities to: raise awareness of the public health threats, particularly the consequences on the health of mothers and their neonates and feasible options for controlling syphilis and ophthalmia neonatorum; and demonstrate the feasibility of implementing cost-effective syphilis prevention and control programs and ophthalmia neonatorum prevention programs.

II. MOTHERCARE PROJECT STATUS: CENTRAL ACTIVITIES

A. Administration

The new central JSI accounting system, DELTEC, has been put into place in order to track all A.I.D. centrally funded projects. Therefore, MotherCare has adapted the project coding system to be compatible with the DELTEC

system. In addition, MotherCare is developing a data base which will be used to track all country project budgets and monitor country project data. This data base program should be available for implementation within the next six months. This system and the information it affords should be very useful for the MotherCare mid-term evaluation which is anticipated in November, 1991.

MotherCare Procedures Manual is in use and is constantly expanding. The manual is very useful for quick reference and orientation of new project staff. The project backstopping procedures remain under review in order to arrive at the most efficient division of labor among the MotherCare project staff.

B. Subcontractors

MotherCare has spent the last six months examining the level of effort and budgets of all Subcontractors in order to bring their levels of effort and spending into line over the life of the project. To date, only the MotherCare subcontract with Save the Children has been amended to include two field projects. Subcontract amendments with The Population Council, The Manoff Group, ACNM and CEDPA are in the final rounds of negotiation and should be finalized and sent to the Contracts Office in early fall, 1991.

C. Promotional Activities and Products

During this period, MotherCare has continued to provide USAID Mission staff, representatives from Ministries of Health and International Donors, PVOs, NGOs, and cooperating agencies with current information about major issues affecting maternal and neonatal health and nutrition. To this end, MotherCare has initiated a technical working paper series and **MotherCare Matters**, a quarterly newsletter. The latter is now available and distributed in English, French and Spanish. Each issue of the quarterly includes abstracts of key articles on topics related to MotherCare Project focus areas and strategies, such as, maternal anemia, neonatal tetanus, epidemiology and risk factors associated with perinatal mortality.

The below listed working papers which address the major areas of focus under the MotherCare Project, have been finalized and are ready for distribution:

Anemia

- **The Prevalence of Anemia in Developing Countries, 1979-1989 in Developing Countries, 1979-1989**
An Annotated Bibliography (Working Paper 7A, February, 1991)

Use of Services

- Behavioral Determinants of Maternal Health Care Choices in Developing Countries (Working Paper 2, October, 1990)
- Qualitative Assessment of Attitudes Affecting Childbirth Choices of Jamaican Women (Working Paper 5, November, 1990)

Quality of Care

- Intervention to Improve Maternal and Neonatal Health and Nutrition (Working Paper 4, November, 1990)
- Achieving Safe Motherhood with Limited Resources: A Case Study of Maternity Care in Grenada (Working Paper 6, June, 1991)

Breastfeeding

- Early Infant Feeding in Haiti: a Synopsis and a Proposal (Working Paper 3, October, 1990)

Other working papers are in progress (Social Mobilization in Tetanus Immunization Programs: Lessons Learned from Haiti, Breastfeeding and Iron Status of the Infant) and will be finalized and distributed within the next six months. It is also anticipated that the Life Saving Skills Manual for Midwives (MotherCare/ACNM), will be finalized and ready for use in the late summer, 1991.

D. New Technical Directions

Prevention of Congenital Syphilis and Control and Prevention of Ophthalmia Neonatorum

In March, 1991, MotherCare submitted a proposal to A.I.D., S&T/H/AIDS which proposes a project to control and prevent congenital syphilis and ophthalmia neonatorum by: raising awareness of the public health threat, particularly the consequences on the health of mothers and their neonates and feasible options for controlling syphilis; demonstrating the feasibility of implementing cost-effective syphilis prevention and control interventions.

As a result of this proposal, MotherCare has received a buy-in from S&T/H/AIDS, and will host a workshop in November, 1991 in Washington aimed at raising the awareness of program officials from agencies with services that reach women as well as officials of donor agencies. The workshop will bring together interested parties from USAID, other agencies (such as NIH, WHO, UNFPA, The World Bank), cooperating agencies (such as, The Population Council, JHPIEGO, PATH, FPLM, AIDSTECH, NGOs - CARE, Project Hope, Save the

Children, The Experiment in International Living) and program officers from countries involved in STD programming (such as, Haiti, Kenya, Uganda, Zambia, Egypt, India, Indonesia).

The objectives of this workshop will be to:

- stimulate programmatic interest in integrating STD services with existing services for antenatal care, family planning and EPI;
- examine the benefits and constraints of integrating services for STDs into these services; update available diagnostic techniques and training and counseling materials for program components;
- develop and critique possible programmatic integration strategies;
- propose possible next steps for funding, policy review and debate.

Over the next six months, MotherCare will initiate at least one demonstration project (possibly in Haiti, Malawi, or Uganda) and one operations research project in a country such as the Zambia.

Guide for Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding

In 1990 A.I.D. issued its Breastfeeding for Child Survival Strategy and requested that Mission staff with country counterparts assess the country's breastfeeding situation and propose ways to strengthen it. To that end, the Office of Health has made assistance available for country-level assessments, through MotherCare, of the breastfeeding situation. The results of this preliminary country analysis will include: a summary of the current situation; identification of factors supportive of or obstacles to early and exclusive breastfeeding; and gaps requiring further investigation or immediate action.

During this reporting period, MotherCare, in collaboration with AID, WHO and the AID-supported Latin American Health and Nutrition Sustainability Project, has written a document (work began on this draft in Nov., 1990), Guide for a Preliminary Country Analysis of Activities and Practices Supporting Breastfeeding. This document will be used to guide and direct country assessments. MotherCare intends to conduct several assessments starting this summer - Dominican Republic, Bolivia, possibly Ghana and Nigeria.

Projected Central Technical Activities

Safe Motherhood Guidelines

Over the next six months MotherCare staff will develop guidelines for program staff of A.I.D. and The World Bank to assist with program planning

in safe motherhood. This effort will be made possible through assistance from A.I.D. to MotherCare, and assistance from the World Bank, to John Snow, Inc.

E. Meetings and Conferences

1. African Union of Venereal Disease and TreponematosiS (AUVDT)

As previously stated, MotherCare is embarking upon STD programming efforts, specifically country projects which focus on integrating maternal syphilis screening, treatment, I.E.C. into family planning, antenatal services and other services, such as EPI, that are frequented by women.

Thus, due to MotherCare interest in this area, Marjorie Koblinsky attended the AUVDT conference in Lusaka, Zambia in March, 1991 to learn more about country activities from researchers and program officials from many different African countries. During this conference, she also visited some of the facilities of the National STD Control Program in Zambia and discussed with Dr. Subhash Hira, Director of the Program, the details of his pilot project for the control and prevention of congenital syphilis in several Lusaka clinics between 1985 - 1987. Syphilis screening and treatment are now carried out in the 47 STD clinics and all MCH clinics, during prenatal services, throughout the country.

The Sixth International Women and Health Meeting

Willa Pressman, MotherCare/CEDPA and Theresa Nsubuga, National Resistance Council Women Representative, Office of the President, Uganda, attended the Sixth International Women and Health Meeting which was held in Manila, in November, 1990. This meeting provided a forum for supporting cooperative endeavors among women to share information and propose concrete strategies and actions for women's health and reproductive rights.

Projected Meetings

Over the next months, MotherCare will be actively involved with preparations for the NCIH conference on Women's Health (June, 1991) and will prepare for the second MotherCare Technical Advisory Meeting (July, 1991) which will immediately follow the NCIH conference. MotherCare will sponsor the participation of field staff from the MotherCare demonstration projects at both of these meetings.

MotherCare will also send MotherCare technical staff to the FIGO Pre-Congress workshop in Singapore, IVth Congress of International Association for Maternal/Neonatal Health and IVth Congress of PERINASIA, XIII World Congress of Gynecology and Obstetrics. All of these meetings are scheduled for September, 1991.

III. MOTHERCARE PROJECT STATUS: COUNTRY PROJECTS BY REGION

As previously stated, MotherCare has initiated demonstration projects in three long-term countries - Bolivia (Cochabamba and Inquisivi), Guatemala (Quetzaltenango), and Indonesia (Indramayu, Tanjungsari/Bandung). A fourth demonstration project in Uganda will begin in October, 1991. Each of the three existing demonstration projects encompass multiple interventions and include an applied research component. The project interventions in Bolivia, Guatemala and Indonesia are designed to influence the range of behaviors that affect the health and nutritional status of the mothers and newborns; strengthen women's abilities to use available resources; and strengthen and coordinate relevant service systems that respond to the health and nutritional needs of the mother and neonate. Uganda will differ from this norm with only one major intervention designed to strengthen the quality of care for the mother and neonate through in-service training of midwives. However, all demonstration projects have as an objective "to influence national and/or regional policy, particularly as it relates to practices and maternal and neonatal services".

The MotherCare staff continue to work on the evaluation framework for the demonstration country projects. The framework has been completed for Guatemala during this reporting period and will be developed for the other demonstration projects over the next six months.

In addition to the above mentioned demonstration projects, MotherCare is providing technical assistance and financial support to a two year multi-intervention project in Bangladesh and is carrying out studies (apart from the demonstration projects) in countries such as Ecuador and Haiti.

During this reporting period MotherCare responded to requests for short term technical assistance in four countries - El Salvador, Haiti, Nigeria and Papua New Guinea.

A. Africa

1. Long term Demonstration Projects

Uganda

Midwife Training Project

Institute: Ministry of Health
Principal Investigator: NA
Resident Advisor: Sandra Buffington (proposed)
Dates: October, 1991 - September, 1993

In October, 1990, Dr. Ebanyat, Assistant Director of Medical Services (ADMS) approved the MotherCare/ACNM proposal to initiate a two year training strategy to strengthen and upgrade midwives' skills and practices

in problem-solving techniques, risk assessment and case management with a focus on appropriate and timely responses to obstetrical emergencies.

During the MotherCare country visit in May, 1991, a project agreement between the Ministry of Health, MCH/FP was drawn up which outlines the specific responsibilities of the both parties in the performance of this two year training project. During this visit, potential training sites were identified and Ms. Sandra Buffington was nominated as the Resident Advisor. The MOH/ADMS accepted this candidate and agreed to initiate the paperwork for her residence visa and work permit.

Another visit by MotherCare/ACNM (including the proposed Resident Advisor) is planned for late summer, 1991 in order to finalize the selection of training sites, identify a project office and begin the recruitment process for the Ugandan midwife who will function as the counterpart to the Resident Advisor. Project start-up is anticipated in October, 1991. All technical inputs to this project will be provided by the American College of Nurse Midwives.

With regards to other potential activities in Uganda, it was decided that MotherCare would not provide technical support to the Safe Motherhood activities at this time. Support to Uganda STD activities, particularly maternal syphilis will be discussed further with the proposed USAID STD Advisor from CDC.

2. Short-term Country Projects

Nigeria

Preliminary Country Assessment

At the request of the Federal Ministry of Health, Primary Health Care (FMOH,PHC), MotherCare conducted a country assessment in May, 1991, to examine the magnitude and major causes of maternal and neonatal mortality and morbidity in Nigeria and to identify potential strategies to address the problems as well as specific interventions which could be supported through the MotherCare Project.

The maternal mortality ratio in Nigeria is alarmingly high and ranges between 700-1600/100,000 live births. The causes are similar to those seen in other developing countries - hemorrhage, obstructed labor, eclampsia, sepsis and unsafe abortions. The factors influencing these high rates include: teenage marriage and pregnancy, high parity and close birth spacing, low access to and under-utilization of health services, particularly for delivery services. The high neonatal mortality rates also reflect the poor health and nutritional status of the woman and lack of or under-utilization of quality maternal care services.

Based on the magnitude of the problem and current capabilities of the government and non-government sectors in Nigeria, it is felt that the time has come to expand the focus beyond child survival and family planning

projects to include a broader focus on the health and nutritional status of the mother and the neonate.

As a result of this visit, MotherCare proposed to the Federal Ministry of Health, Primary Health Care (FMOH,PHC), a technical assistance package, including diagnostics, training and I.E.C. components, which is aimed to reduce maternal and neonatal mortality, to upgrade providers' skills and to strengthen the PHC infrastructure.

It is anticipated that the FMOH, PHC will review this proposal and identify priority areas for MotherCare's technical input. To this end, MotherCare will schedule a return visit to Nigeria in early fall, 1991 to finalize the proposal with representatives from the FMOH.

B. Asia/Near East

1. Long-term Demonstration Projects (including Research)

Indonesia

Low Birth Weight/Perinatal Mortality Study (Research)

Institution: University of Padjadjaran, Bandung, West Java

Principal Investigator: Dr. Anna Alisjahbana

Dates: March, 1990 - June, 1991 (no cost extension through Sept. 30, 1991)

The Low Birth Weight/Perinatal Mortality Study began in mid-March, 1990, with the aim to determine the birth weight distribution and outcomes of pregnancies in seven selected rural sites throughout Indonesia, from Bali in the east to Sumatra in the west. Each center has collected data (approximately 500 deliveries per center) on the relative and attributable risks factors for perinatal mortality. These data are presently being analyzed. Preliminary analyses were presented to the Ministry of Health at a day long seminar in May, 1991. Final reports will be presented at a seminar in the fall.

The technical input to this project has been provided by the MotherCare staff and The Population Council.

Improved Iron-Folate Distribution to Alleviate Maternal Anemia in Two Subdistricts of Indramayu Regency, West Java, Indonesia (Research)

Institution: Center for Child Survival, University of Indonesia

Principal Investigator: Dr. Budi Utomo

Dates: September 26, 1990 - June 26, 1992

This study focuses on maternal morbidity, use of services during pregnancy and compliance with advice given during pregnancy, especially regarding taking iron folate tablets. A longitudinal surveillance system (pregnancy module developed at CCS and funded by MotherCare) based on quarterly

household visits provides the data to monitor this study. This data collection module also monitors women's morbidities during pregnancy along with the outcomes of birth. Weight and iron status are measured twice during pregnancy. The data collection instruments have been reviewed by MotherCare staff and The Population Council.

MotherCare will develop and field test an experimental service delivery model of iron-folate tablets. The delivery model is a community-based distribution system where community health workers or TBAs distribute the iron folate.

In-depth interviews for the qualitative research on factors influencing compliance with iron supplementation among pregnant women have been completed and results are being reviewed. The preliminary results indicate that pregnant women generally visit the TBA at the fourth month to confirm pregnancy and again at the seventh month to check the fetal position. These visits provide the opportunity for the TBAs to distribute iron folate supplements during the second and third trimester.

The protocols for iron distribution and the communication strategy will be developed once the quantitative and qualitative data have been reviewed. It is envisioned that the communications strategy will be developed this summer and the materials pretested in early fall, 1991.

Technical input to this study is provided by the MotherCare staff and Subcontractors - The Population Council and The Manoff Group.

A Pilot Study of a Perinatal Regionalization Network (Research)

Institute: University of Padjadjaran
Principle Investigator: Dr. Anna Alisjahbana
Dates: January 2, 1991 - September 30, 1993

The Regionalization Project in Tanjungsari is designed to provide a coordinated system of appropriate maternal and child care at three levels - village, health center, district hospital. The goal of the project is to increase awareness among the villagers and health care providers of the risks of pregnancy and the importance of appropriate and timely care; to provide appropriate antenatal, intrapartum and postpartum care to all pregnant women and neonates at the primary, health center and district hospital levels; to strengthen the communications and information networks; to strengthen existing data information system.

The Manoff consultant has met with the Regionalization Project staff to begin the planning phase of the social marketing component. Preparations and training for the qualitative research is anticipated in fall, 1991.

2. Other Field Projects

Bangladesh Save the Children Field Project (Research)

Institute: Save the Children

Principle Investigator: Dr. Md. Afzal Hussain

Dates: April 1, 1991 - August 31, 1991

The objective of this study is to demonstrate a community based approach to maternal and neonatal health and nutrition improvement; to test methodologies and service linkages and make recommendations for reaching women who are at high risk, to develop and test educational materials and enhance and test information/surveillance systems.

The project is still in "start-up" phase and is anticipating a consultation in summer, 1991 to develop study tools and diagnostic studies so as to ascertain the accurate numbers and causes of perinatal and neonatal deaths and to discuss possible interventions even in the early phase of the project.

The technical input to this project will be provided by the MotherCare staff and The Manoff Group.

3. Short-term Country Projects

Papua New Guinea

Preliminary Country Assessment

In response to USAID/Suva request, a MotherCare Team conducted a country assessment in Papua New Guinea during May, 1991. Due to time limitations, the team focused their attention on maternal health issues, with perinatal and neonatal health covered only as related to maternal variables.

According to existing data, the maternal mortality ratio is alarmingly high at an estimated 700/100,000 live births. The underlying causes are undoubtedly related to high rates of maternal under-nutrition; high rates of sexually transmitted diseases; high parity and little or no access to family planning; low status, heavy workload and physical abuse of women; inaccessible or poor quality of maternal health services.

While maternal care is a very neglected element of PNG's primary health care strategy, the Government deserves praise for its system of emergency obstetrical care. Most subcenters and health centers are staffed and equipped to deal with these emergencies. Norms and treatment protocols for maternal and neonatal care exist and are in use and there is an articulated policy for emergency referral and transfer. However, Caesarian section capability is still severely limited due to the lack of surgically trained physicians.

Women's groups exist throughout the country, although, in most cases it appears that women's group activities have not significantly changed women's lives. It is also generally true that organizations that work with women's groups have not taken advantage of the potential these groups have for spreading health information.

As a result of this visit, MotherCare proposed several interventions which could be offered through MotherCare with the Child Survival Support and USAID (if adequate funding were available) - a rapid case investigation of maternal and perinatal/neonatal deaths; a 2 year demonstration project in 2-3 provinces to test the feasibility of disseminating maternal and infant health information through non-governmental agencies that are already working with groups (particularly women's groups) at the village level; training in project development and management for Provincial Women's Officers and Women's Council Representatives (drawn from demonstration project). MotherCare is awaiting USAID/Suva response to these recommendations.

C. Latin American and the Caribbean

1. Long-term Demonstration Projects

Guatemala

Quetzaltenango Maternal and Neonatal Health Project (Research)

Collaborating Center: INCAP (Nutrition Institute for Central America and Panama)

Principal Investigator: Dr. Barbara Schieber

Dates: August, 1990 - February, 1993

During this reporting period, data collection has been completed for numerous diagnostic studies - the Intrapartum/Neonatal Mortality Survey, the Maternal Mortality Study, the Referral Compliance Study, and the National Oxytocin Study. Analysis is presently underway for all of these studies.

MotherCare and INCAP decided to abandon the village informant network and have replaced this reporting with a periodic household census to detect births and deaths. This new data collection system began in May.

The Quetzaltenango hospital norms for the care of normal and high risk neonates as well as high risk women have been revised and staff have been trained in the use of these practice norms. Similarly, a workshop was held for district health teams to revise clinical norms at health centers and health posts for screening and care of pregnant women and neonates and appropriate and timely referral of the high-risk obstetrical and neonatal cases. As a result of this workshop, a referral form was completed and the ground work was laid for a referral system. TBA training throughout the district will begin in July, 1991.

A data base for the project has been developed which will provide rapid feedback of data collected and will provide the framework for project evaluation.

Technical assistance to this project is provided by MotherCare staff, ACNM. The Manoff Group will provide technical assistance in early fall, 1991.

Technical Working Group for High Risk Women and Infants

Collaborating Center: Guatemalan Association of Obstetricians and Gynecologists

President: Dr. Rolando Figueroa

Period: May, 1991 - December, 1991

This working group was established in May, 1991 in order to integrate the activities of different organizations working in maternal and perinatal and neonatal health in Guatemala. Two workshops will be conducted, the first in May for those groups involved in policy, service delivery, and training. MotherCare has provided a part-time local consultant to assist the OB/GYN Association with the first workshop.

In addition to these workshops, the working group will produce and distribute two newsletters to provide member organizations with topics of interest. These activities will permit the exchange of information and experience from different institutions that work with midwives or provide services to referred mothers and normal or high risk neonates.

Bolivia

Cochabamba Reproductive Health Project (including Research)

Collaborating Organizations: PROMEFA, COMBASE, ME.DI.CO., CPCCM, CIAES

Project Coordinators: Lic. Eduardo Vexina and Lisa Howard-Grabman

Period: October 1, 1990 - September 30, 1993

Project start-up occurred in November, 1990 and the Resident Advisor was hired in December, 1990; the Project Coordinator was hired in March, 1991.

A qualitative research study has been initiated through CIAES, a local public health research organization working with MotherCare. This research will determine specific behaviors, motivations and resistance factors associated with poor pregnancy outcome. In-depth interview questionnaires for women who have recently delivered, husbands, doctors and midwives have been finalized. Focus group discussions and behavioral observations have been carried out with pregnant women or recently delivered women. An IEC strategy workshop through MotherCare/The Manoff Group is planned for early fall, 1991.

Subcontracts between MotherCare and four local NGOs (PROMEFA, COMBASE, ME.DI.CO., and CPCCM) have been finalized. MotherCare will assist these

NGOs to strengthen their maternal health services, that is, to provide women with low cost but comprehensive, high quality reproductive health care.

In late summer, MotherCare/Population Council will develop the baseline household survey to provide prevalence data on priority maternal health problems and health service utilization.

Technical inputs to the Cochabamba project are being provided by MotherCare staff, The Manoff Group and the Population Council.

Inquisivi Province "Warmi" (Women's) Health Project

Collaborating Organization: Save the Children/Bolivia Field Office
Project Director: David Rogers, SCF/Bolivia
Dates: July, 1990 - June, 1993

The final results and recommendations for the intrapartum/neonatal mortality retrospective case control study, including data analysis, was completed in April, 1991. The purpose of this study was to provide information regarding the characteristics of the study population during pregnancy, labor and delivery, and the postpartum period, to identify risk factors and probable causes of maternal and neonatal mortality. The study confirmed the high maternal, perinatal and neonatal mortality rates in the Inquisivi population. According to the findings, the majority of perinatal and maternal deaths were associated with complications due to infections, trauma, hemorrhage, malpresentation, and obstructed labor. The majority of neonatal deaths were associated with infectious disease - sepsis, pneumonia, and in some cases, tetanus. Review of the process diagnosis component of the study revealed that families' decision-making capability in the face of life-threatening maternal and neonatal complications is extremely inadequate. There was no variation found in community member profile which protected them against the risk of perinatal and neonatal mortality. For example, membership in women's group did not protect them against the mortality risk.

The majority of births were attended by family members (55% and 38% husbands) despite the presence of trained health providers in many of the communities. The frequent presence of husbands at births make husbands a very important target audience, at least for raising awareness of problems that occur during labor and delivery and appropriate actions to take.

Based on these findings the recommended actions include: a strong education and communications component, expanding the target audience to men's groups and community health personnel, identifying and training community members as birth attendants.

Simultaneous to the case control analysis and review of recommendations, the self-diagnosis exercise ("autodiagnostico") was being held with the women's groups to help them to explore and prioritize community maternal and neonatal health problems. These interviews encouraged women to share

their experiences and served as a basis for women's group members to determine major maternal and neonatal health problems in their communities.

The "autodiagnostico" exercises will continue in other communities over the next months and practice protocols for problem responses will be developed for all levels - community, health center, hospital. Groups which have completed the "autodiagnostico" will participate in planning and implementing future interventions which may include: development of educational materials and selection of methods as appropriate to their communities; political lobbying for resources and services; income generation activities.

2. Short-term Country Projects (including Research)

Haiti

Assessment of Maternal Mortality and Perinatal Outcome Study

Collaborating Center: Child Health Institute of Haiti (CHI)

Project Director: Dr. Michael Cayemite

Dr. Debora Barnes, Child Survival Fellow

Project Dates: November, 1989 - December, 1991

This study is following a national cohort of 11,000 women and project personnel conduct an initial brief interview with each woman, then return approximately one month after probable date of delivery to assess the status of mother and infant. Initially two surveillance systems based in two national maternities in urban Port-au-Prince were set up to track maternal deaths (This system has been discontinued due to problems in data collection).

MotherCare's input into this study is the development and implementation of a social autopsy interview schedule to determine social circumstances surrounding a maternal death. One schedule is designed for the family members and neighbors and the other is for traditional birth attendants.

The MotherCare subcontract with CHI to support the development of the instrument, as described in the preceding paragraph, was scheduled to end January, 1991. However, due to internal constraints in collecting the data, the CHI director requested in that MotherCare extend the subcontract, at no cost, through December, 1991. This extension was approved in May, 1991.

To date, approximately 200 infants and 18 maternal verbal autopsies have been collected by the field supervisors. (Approximately 700 neonates <2,000 grams at birth are expected to be born at the Isidro Ayora Maternity Hospital during the study enrollment period. Half of these newborns will be allocated to the KMM and the remaining half will be followed-up for the control study groups.) Preliminary analysis of data has begun and should be available in July. Analysis of social data is projected in August.

National Breastfeeding Strategy

Collaborating Organizations: To be determined

Project Director: To selected

Dates: September, 1991 - September, 1993

MotherCare sent a second team to Haiti in April, 1991, as a follow-up to a MotherCare/Manoff consultant assessment in September, 1990, of current breastfeeding practices and efforts to support and promote breastfeeding in Haiti. The purpose of this second visit was to expand upon the initial review of breastfeeding practices, further assess the need and country priority for the design and implementation of a national strategy to promote breastfeeding in Haiti, as well as identify and prioritize components of the strategy which could be supported by MotherCare.

With the consensus of a working group made up of representatives from government and private institutions, MotherCare prepared a document which outlines a potential approach to a National Breastfeeding Strategy in Haiti. This document, complete with an estimated budget for the strategy components, was sent to the Mission in May, 1991.

A third visit by the MotherCare/Manoff is anticipated in early fall, 1991. At this time, a steering committee will be formed and develop a two year workplan which will address the strategy activities.

MotherCare staff and The Manoff Group will provide technical input to this breastfeeding strategy.

El Salvador

Preliminary Country Assessment

At the request of USAID/San Salvador, a MotherCare team conducted in April, 1991, a rapid assessment of the maternal and neonatal health situation in El Salvador. Through an extensive review of the literature, the team noted the high maternal mortality ratio which, depending on the source, ranges from 140/100,000 live births to 300/100,000 live births. As in many countries in the region, neonatal mortalities may account for 40%-50% of all deaths in children under one year of age.

Factors associated with these mortalities include pregnancies in young, unmarried women, high parity, a persistent use of untrained birth attendants, and the poor quality or unavailability of emergency referral services for problems during the prenatal period or at the time of delivery. It is also felt that improving the quality and promoting the use of prenatal care and institutional birthing could result in earlier detection and management of maternal and neonatal complications.

The MotherCare team also met with PVOs working in the areas on maternal and infant health and other donors to assess their focus and capacities to address these problems.

As a result of this visit, the MotherCare team prepared a MotherCare proposal which outlines particular interventions which could be supported through MotherCare under the existing USAID Maternal and Child Survival Project (PROSAMI).

Specifically, MotherCare proposes to offer technical assistance to the PVO community through PROSAMI which would: increase the PVO knowledge of maternal and neonatal health problems in their project areas; increase the number of PVOs which have written plans of action addressing maternal and neonatal health improvement; increase the number of sites where PVOs are actively working with TBAs, teams of health promoters, local health facilities; improve communications and collaboration between the PVOs and Regional office.

MotherCare anticipates Mission response to this proposal in early fall, 1991.

3. Research

Ecuador

Kangaroo Mother Method Study (KMM)

Collaborating Center: Isidro Ayora Maternity

Principal Investigator: Dr. Lenin Leon

Dates: February, 1991 - July, 1993

The subcontract with Isidro Ayora Maternity Hospital to conduct this study to evaluate the effectiveness and efficiency of the Kangaroo Mother Method approach was signed in February, 1991 and the study protocol for medical, anthropometric and sociologic components for the study, analytic plan, study questionnaires, study manuals have been developed during this reporting period.

A provisional study office has been set up and office equipment and project equipment have been ordered according to Office of Procurement guidelines.

MotherCare, The Population Council and USAID Mission are discussing the dimensions for inclusion of a cost study component of the KMM. There is some debate as to whether cost analyses beyond those focusing on the differential in resource utilization. Consensus should be reached prior to The Population Council's next visit to Ecuador scheduled in August.

In order to maintain the generalizability of study results, educational materials, beyond those currently used by the hospital, will not be a part of the study (fewer than 33% of KMM programs have the resources or materials available to develop and distribute sophisticated pamphlets).

Training materials and education materials will be produced during the summer and fall, 1991.

The technical input to this project will be provided by The Population Council with some input by MotherCare staff.

APPENDIX A: LONG-TERM DEMONSTRATION PROJECTS (MATRIX)

MOTHERCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
1. PROJECT SUPPORT SYSTEM				
A. Complete evaluation framework for demonstration projects				
1. Conduct working group meeting	5/90	5/90	Koblinsky	
2. Prepare draft country framework	6/90	2/91 (see dates for specific countries)	Taylor	Guatemala completed 2/91 Bolivia (Inquisivi) completed 4/91 Bolivia (Cochabamba) will be completed 9/91 Uganda will be completed 9/91 Indonesia will be completed 2/92
3. Complete internal review	8/90	In progress	Staff, CTO	
4. Finalize framework	9/90	4/91	Taylor	
B. Complete adaption of JSI accounting and reporting guidelines for subcontracts and field offices.	7/90	1/91	Vongitbuncha Taylor	JSI's new accounting/monitoring system (finalized).
II. DEVELOP LONG TERM DEMONSTRATION PROJECT				
A. BOLIVIA				
1. DESIGN AND MANAGE BOLIVIA PROJECTS				
a. Complete country strategy statement	9/90	10/90	Taylor	Workplan covers all MotherCare planned and ongoing projects in Bolivia.
b. Workplan approved in A.I.D.	12/90			
c. Assign Resident Advisor and establish office for coordination of country activities.	11/90	12/90	MotherCare	Lisa Howard-Grabman assigned as MotherCare Bolivia Projects Coordinator; Bilingual Secretary hired and office rented, furnished and equipped.

21

MOTHERCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
d. Complete legal registration and agreements for operations in Bolivia.	1/91	12/90	Taylor	PUK #, organization registration and bank accounts were completed by end of 12/90; Agreements with MPSSP and Unidad Sanitaria completed 12/90.
2. SCF/INQUISIVI MOTHERCARE PROJECT				
a. Case Control Study	12/90	4/91	SCF/Bartlett	Bartlett consultancy completed 10/90. Study Completed 4/91.
b. Women's group formation and strengthening.	8/90 to end	On-going	SCF	Moore Consultancy completed 8/90. Women group meetings on-going.
c. Autodiagnostic Workshop	9/90	1/91		Workshop for project staff planned for 1/91.
d. Women's group assessment (auto-diagnostic)		on-going		Will continue in new communities until the end of project.
e. IEC strategy development and intervention	12/90 to end	To begin 6/91 and continue to end	SCF/Manoff	Strategy development to start 6/91 and will continue to end of project. Manoff TA planned for 10/91.
f. Training development 3rd intervention.	3/91 to end	To begin 10/91 and continue to end	SCF	Training for health staff, TBAs & SCF staff in protocol use.
g. Provide on-going technical assistance to SCF.	on-going	on-going	Howard -Grabman	Mary McInerney, MotherCare Program Associate working in Bolivia in Howard-Grabman's absence until 12/91.
3. COCHABAMBA REPRODUCTIVE HEALTH PROJECT				
a. Complete detailed proposal and implementation plan	8/90	10/90	Taylor Assess Team	Assessment report and proposal report and proposal submitted for AID approval in October 1990.
b. Complete internal review and AID approvals	11/90	11/90	Staff CTO, Mission	AID approval received.
c. Recruit Advisor	12/90	12/90		Lisa Howard-Grabman assigned as MotherCare Resident Advisor.

22

MOTHECARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
d. Conduct Project Activities				
- Start-up of Activities	11/90	12/90	Howard-Grabman	Initial briefings held with participating agencies and other AID Collaborating Agencies. REPs for NGO subprojects and qualitative research studies distributed to appropriate NGOs.
- Conduct hospital cost study	11/90 2/91	Phase I: 11/90 Phase II: 4/91	Unidad Sanitaria JSI Rosenthal/Day Rosenthal/Percy	This study was conducted as a pre-project activity at the request of the Regional Health Office.
- Develop and conduct qualitative research studies	1/91-5/91	7/91	Manoff/Vexina Local Staff	TA supplied by Manoff Consultants Elder, Favin, Brems.
- Plan and conduct household survey	2/92	2/92	Pop Council Local contractor	Consultancy of Nancy Sloan is planned 9/91.
- Develop NGO subprojects	1-2/91	5/91	Putney/Howard G.	Subcontracts approved for 4 NGOs.
- Conduct training and facilities needs assess.	1-2/91	2/91	Putney	
e. Coordinate technical assistance and monitor implementation of project.	on-going	on-going	Taylor/Monterroso	
B. GUATEMALA				
1. INCAP QUETZALTENANGO MATERNAL AND NEONATAL HEALTH PROJECT				
a. Conduct Project Activities				
- Start up of activities	7/90	7/90		
- Conduct Diagnostic Studies:			INCAP	Data collection completed on all studies /3/91. All are in analysis phase.

MOTHCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
- Intrapartum/Neonatal Mortality Study	1/92		INCAP	
- Maternal Mortality Study	1/92		INCAP	Data collection completed 7/91. Analysis underway.
- Compliance with Referral Study	1/92		INCAP	Data collection in hospital started in 10/90. Expected date of completion is 3/91; community component eliminated as this information will be collected in the vital events reporting system.
- National Oxytocin Study Report	11/91		INCAP	Data collection completed 9/91. Analysis underway.
- Finalize evaluation/research design	1/91	2/91	INCAP/Daulaire Taylor	Daulaire consultancy and plan for vital events reporting system completed 10/90; Taylor consultancy 3rd draft evaluation framework completed 11/90.
- Development data base for evaluations.	4/91		Daulaire Church	Consultancy by Daulaire and Church.
- Establish surveillance system	1/91	On-going		Information network replaced with periodic household consensus to detect births and deaths. Workers in the field beginning new data collection 5/91 onwards. Workers were in the field and a control and intervention villages had been selected and 50% had been visited by the end of 11/90.
- Develop hospital norms and forms and implement	3/91	6/91	INCAP/Sosa Najarro	Sosa consultancy 1/91. Najarro consultancy early 1991, to be intermittent over a period of six months.
- Develop District norms and forms and implement training of District Health Teams	11/90 4/91	4/91 6/91	INCAP/ACNM	Consultancy delayed to 4/91, Putney and Beck workshop completed 4/91, norms completed 6/91.

10

MOTHELCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
- Develop TBA training curriculum new forms	4/91	7/91	INCAP/ACNM	ACNM consultancy planned 7/91. Start of training (TOT by 3/91) 3 day completed 6/92, Inservice Training until end of project.
b. Coordinate technical assistance and monitor implementation of project	on-going	on-going	Taylor/Monterroso Howard-Grabman	Project monitoring visit completed by Taylor 11/90.
- Evaluate Hospital Training	1/92		Najarro/Sosa	
- Evaluate District Training	3/92		ACNM	
- Monitor Evaluate TBA Training	6/92 6/93			TBA Training will be evaluated every six months.
- Monitoring data collection	3/92	on-going	INCAP	
- On-going referesher training	on-going	on-going	INCAP	
- Mid project review valuation	2/92			To extend length from 32 months to 38 months. To submit 8/91.
c. Project Amendment				
2. WORKING GROUP ON HIGH RISK WOMEN AND NEOMATES				
a. Develop proposal for working group support	3/90	3/91	Trott (PRITECH) OB/GYN Assoc.	Scope of work developed 11/90. Proposal and budget prepared by OB/GYN Association Expected date of completion: 3/91.
b. Convert proposal to subcontract	9/90	4/91	Taylor	
c. Complete AID approval process	11/90	5/91	CTO/USAID	

20

MOTHECARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
d. Conduct Project activities			OB/GYN Association	
- Start-up	3/91	5/91	OB/GYN Assoc.	
- Conduct workshop # 1	5/91	5/91	OB/GYN Assoc.	2 days workshop within organizations participating was held in Antigua Guatemala results were overwhelming positive.
- Conduct workshop # 2	8/91		OB/GYN Assoc.	2 follow-up subcommittee meetings planned prior to 2nd workshop, scheduled for 10/91.
- Prepare Newsletters	9/91		OB/GYN Assoc.	Newsletters scheduled for 10/91; 1/92.
e. Participate in Regional Safe Motherhood Conference	1/92		Working Group MotherCare	
f. Coordinate technical assistance and monitor implementation of project	on-gong	on-going	Taylor/Monterroso	
3. Technical Assistance to Other Organizations				
a. APROFAM - Consultancy for development of urban house birth program to be implemented in Guatemala City	10/91			
b. Project Hope	10/91		ACNM/INCAP	Consultancy for development of new TBA training program in Totonicagan

28

MOTHECARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS/COMMENTS
C. UGANDA				
MIDWIFERY TRAINING PROJECT				
a. Completed detailed proposal	6/90	7/90	MotherCare, Conroy ACNM, Kaufman	Country visit to discuss proposal cond 7/90.
b. Submit to counterparts and USAID	8/90	8/90	MotherCare, Conroy ACNM	Proposal approved by MOH/MCH 10/90.
c. Prepare country agreement	11/90	6/91	MotherCare, Conroy	Agreement will be signed by MOH & JSI
d. Identify/Approve RA	9/91	7/91	ACNM, Marshall	RA, Sandy Buffington approved by MOH & A.I.D. Process for work permit and residence permit begun.
e. Conduct Project Activities - Start-up established office	10/91		ACNM, Marshall, Buffington	ACNM visit to Uganda 8/91. Project sta anticipated 10/91.
f. Recruit Ugandan Midwife Training Officer	10/91		ACNM, Buffington	Ugandan midwife counterpart will be identified and hired by RA with MOH (A approval.
D. INDONESIA				
1. LOW BIRTH WEIGHT STUDY UNIVERSITY OF PADJADJARAN				
a. Conduct project activities				
- Data collection in 7 sites	5/91	5/91	U. of Padjadjaran	
- Workshop with principal investigators from 7 sites	5/18/91	5/18/91	U. of Padjadjaran	
- Process and analyze data	8/91		U. of Padjadjaran	
- Produce final report	9/91		U. of Padjadjaran	

27

MOTHERCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS/COMMENTS
b. Coordinate technical assistance and monitor data processing of project	on-going		Koblinsky, Helveston	Gour DasVarma provides 10% of his time to assist with data analysis until end project. Extended time of project thr 9/91 in order to hold workshop with researchers to present proposals to ot donors for interventions in September.
2. REGIONALIZATION PROJECT UNIVERSITY OF PADJADJARAN				
a. Develop full proposal/submit to AID	7/90	10/90	U. of Padjadjaran, Koblinsky	
b. Complete internal review	8/90	12/90	MotherCare	
c. Prepare subcontract	9/90	Submitted 1/91 Approved 2/91	MotherCare, Koblinsky, Helveston	
d. Process for AID approval	12/90	2/91	CTO, Mission	
e. Conduct project activities start-up	12/90 to end	Start-up 2/91	U. of Padjadjaran	
f. Coordinate technical assistance and monitor implementation of project	on-going		MotherCare, Koblinsky, Helveston	Financial assessment conducted by Vongkitbuncha 11/90; Audit contracted
g. Coordinate audit to establish overhead rate	3/91	5/91	Vongkitbuncha	Overhead rate established
h. Set up and meet with advisory and executive committees	6/91	6/91	U. of Padjadjaran	
i. Select control area	6/91	6/91	U. of Padjadjaran	
j. Develop screening tools	12/91		U. of Padjadjaran	
k. Develop and equip maternity huts	9/91		U. of Padjadjaran	
l. Train TBA's	9-10/91		U. of Padjadjaran	

28

MOTHERCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS/COMMENTS
m. Assess training needs of services	10-11/91		U. of Padjadjaran	
n. Develop/adapt guidelines for screening, management, referral of obstetric/neonatal cases, and services information system	11/91-2/92		U. of Padjadjaran	
o. Develop training modules	11-12/91		U. of Padjadjaran	
p. Train health staff at all levels	12/91-2/92		U. of Padjadjaran	
q. Conduct formative research	12/91		U. of Padjadjaran	
r. Develop communications strategy	12/91		U. of Padjadjaran	
s. Implement interventions Monitoring and evaluation	2/92- on-going		U. of Padjadjaran	
3. INDRAMAYU RESEARCH PROJECT				
a. Develop full proposal/submit to AID	6/90	6/90	Indramayu Pop Council, Nancy Sloan, Gour DasVarma	
b. AID Approval/Project start-up	8/90	8/90		
c. Develop modules B,C,D		3/90	Pop Council	Nancy Sloan, David Leon, and Gour DasV , provided assistance
d. Develop and carry out formative research	4-5/91	5/91		Mona Moore provided technical assistan
e. Develop communications strategy	8/91	8/91	Manoff	Richard P. Pollard provided technical assistance.
f. Develop communications materials and implement intervention	12/91		Manoff	Carrie Hessler-Radalet to provide assistance.
g. Implement community-based iron distribution.	6/91		Pop Council Manoff	

12.

MOTHERCARE SIX MONTH PROGRESS REPORT
LONG-TERM DEMONSTRATION PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS/COMMENTS
<p>4. DEVELOP OTHER SAFE MOTHERHOOD PROJECTS</p> <p>a. GDS-Iron tablet</p> <p> Proposal development</p> <p> Contract approval/start-up</p> <p>b. Surabaya Perinatal Regionalization Project</p> <p> Proposal development</p> <p> Contract approval/Start-up</p> <p> Proposal Development</p> <p> Contract approval/Start-up</p>	<p>9/91</p> <p>11/91</p> <p>10/91</p> <p>12/91</p> <p>9/91</p> <p>11/91</p>		<p>MotherCare Marge Koblinsky</p> <p>MotherCare Marge Koblinsky</p>	
<p>III. OTHER DEMONSTRATION PROJECTS</p>				
<p>A. BANGLADESH</p> <p>1. Develop and approve field project</p> <p>2. Project Start-up</p> <p>3. Diagnostic Studies Retrospective Care Study</p>	<p>8/90</p> <p>8/91</p> <p>9/91</p>	<p>5/91</p> <p></p> <p>7/91</p>	<p>SCF</p> <p>BFO/MC Marge Koblinsky</p>	<p>Al Bartlett TA assisted by SCF/Katheri Kaye, BFO staff - trained BFO staff in development of methods and instruments verbal autopsy and process diagnosis</p>

190

APPENDIX B: SHORT-TERM PROJECTS (MATRIX)

MOTHERCARE SIX MONTH PROGRESS REPORT
SHORT-TERM PROJECTS

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	development of methods and instruments STATUS COMMENTS
A. PAPUA NEW GUINEA				
1. Conduct country assessment and project development mission	5/91		Pat Taylor Debra Keith (ACNM)	
2. Distribute Recommendations for AID, USAID action	7/91			Recommendations under Review by MotherCare AID/W, USAID, etc.
3. Develop projects/studies of funding available	9-12/91			
4. Implement	3/92 onwards			
B. EL SALVADOR				
1. Conduct country assessment and project planning mission	4/91		Pat Taylor Willa Pressman, (CEDPA)	
2. Distribute recommendations for USAID & AID action	7/91			Recommendations under review.
3. Process buy-in for assistance				
4. Technical Assistance and Training Project start-up	11/91 onward			

124

MOTHEHCARE SIX MONTH PROGRESS REPORT
SHORT-TERM DEMONSTRATION PROJECT

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
C. HAITI				
1. A Maternal Mortality and Perinatal Outcome Study	12/91		MotherCare C. Conroy	Extension of subcontract was approved May 1991 (completion date moved from Jan. 1991 to Dec. 1991)
2. National Breastfeeding Strategy	9/93	on-going	MotherCare/Manoff	MotherCare/Manoff Team (C. Conroy & G. Berggren) visited Haiti 4/91 and proposed strategy components. Return MotherCare/Manoff (Griffiths, Berggren) visit anticipated 9/91 to identify and appoint committee members and to develop annual workplan.
D. NIGERIA				
1. Conduct Preliminary Country Assessment	5/91	6/91	MotherCare C. Conroy	As result of this visit MotherCare prepared draft proposal for package of technical assistance. MotherCare anticipates return visit in 9/91 to finalize proposal and prioritize

32

APPENDIX C: RESEARCH (MATRIX)

MOTEHRCARE SIX MONTH PROGRESS REPORT
RESEARCH

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
<p>ECUADOR - Assignment</p> <p>1. Kangaroo MotherCare Method</p> <ul style="list-style-type: none"> o Subcontract approved o Finalize Study Protocol o Analytic Plan - preliminary o Study Questionnaires <ul style="list-style-type: none"> - develop - review o Study Manuals <ul style="list-style-type: none"> - develop - review - pretest o Training <ul style="list-style-type: none"> - develop o Educational Materials <ul style="list-style-type: none"> - develop - review - produce 	<p>1/91</p> <p>3/91</p> <p>3/91</p> <p>3/91 5,7/91</p> <p>4/91 4/91 5/91</p> <p>4/91</p> <p>4/91 6/91 7/91</p>	<p>2/91</p> <p>4/91</p> <p>4/91</p> <p>4/91 5/91</p> <p>5/91</p> <p>5/91</p> <p>4/91</p>	<p>Population Council Nancy Sloan</p> <p>Pop. Council Nancy Sloan</p> <p>Maternidad Isidro Ayora (MIA) Pinto</p> <p>MIA Leon, Pinto</p>	<p>For study group assignemnt and follow-up; including appts. & transportation as required.</p> <p>For monitoring cross-sectional & long-term & longitudinal uni., bi & multivariate analysis.</p> <p>For newborn exam, initial interviews (Hx, SES), predischarge household visit form, follow-up interviews & exams, cost assessment indices.</p> <p>For training mothers in KMM and care of LBW newborns and for hospital/clinic personnel (standardization of physical, anthropometric measurement, interviewing & home visits).</p> <p>For trainers, study staff, attending physicians, nurses & social workers, interviewers, data entry clerk, refresher training, care of LBW & KMM.</p> <p>Hand-out pamphlets, home diaries.</p>

62

MOTEHRCARE SIX MONTH PROGRESS REPORT
RESEARCH

November 30, 1990 - May 31, 1991

ACTIVITY TARGETS	EXPECTED DATE OF COMPLETION	DATE COMPLETED	RESPONSIBLE	STATUS COMMENTS
<ul style="list-style-type: none"> o Project Monitoring <ul style="list-style-type: none"> - begin - end 	2/91 4/93		Pop. Council Sloan, Tolbert	A trips by NLS &/or KT to monitor & provide TA/guidance re project activities + trip reports.
<ul style="list-style-type: none"> o Other TA Trips <ul style="list-style-type: none"> - before pretest 	2/91	4/91	NLS/KT	4 Trips total for study foundation (development & modification of questionnaire/database/training/sequential analysis).

2/9

APPENDIX D: BUDGET

JOHN SNOW INC.,
MOTHERCARE PROJECT
DPE-5966-Z-00-8083-00

REPORT PERIOD JANUARY - JUNE 1991

CATEGORY	TOTAL BUDGET AMOUNT (A)	ACTUAL SPENT FR. START UP TO DEC. 90 21 mos (B)	ACTUAL SPENT FR. JAN 91 TO JUNE 91 6 mos (C)	ACTUAL SPENT FR. START UP TO JUN. 91 27 mos (B+C)= D	PROJECTED COST FR. START UP TO DEC. 91 33 mos (E)	TOTAL BUDGET AVAILABLE 21 mos (A-E)
SALARIES	1,231,576	532,687	192,280	724,967	909,282	322,294
CONSULTANTS	922,350	74,746	29,314	104,060	136,060	786,290
TRAVEL/TRANS PER DIEM	2,174,529	311,066	118,521	429,587	591,378	1,583,151
ALLOWANCES	169,123	0	4,419	4,419	4,419	164,704
FIELD OFFICE SUPPORT	1,607,277	0	18,673	18,673	78,713	1,528,564
COMMODITIES/EQUIPMENT	361,247	83,475	24,247	107,722	118,372	242,875
OTHER DIRECT COSTS	535,865	256,441	82,811	339,252	439,700	96,165
OVERHEAD	862,104	372,880	134,595	507,475	636,496	225,608
SUBCONTRACTS	5,138,455	955,733	392,389	1,348,122	2,409,011	2,729,444
SUBTOTAL	13,002,526	2,587,028	997,249	3,584,277	5,323,431	7,679,095
FEE 4%	520,000	103,482	39,890	143,371	212,937	307,063
TOTAL	13,522,526	2,690,510	1,037,139	3,727,648	5,536,368	7,986,158
INCOME AS OF 7/91 see funding status (PIO/T)					7,904,883	
FUND AVAILABLE AS OF 1/92					2,368,515	

File name: SUMPROG
9/3/91.

30

JOHN SNOW INC.,
MOTHERCARE PROJECT
DPE-5966-E-00-8083-00

REPORT PERIOD JANUARY - JUNE 1991

FUNDING STATUS PIO/T NUMBER	INCOME	COMMITTED FR. START UP TO DEC. 1990	%	COMMITTED JAN. 1991 TO JUNE 1991	%	TOTAL COMMITTED THRU JUNE 1991	%	BALANCE
S ET/H								
8361248 & A-1	582,000	582,000	100	0	0	582,000	100	0
9361134	1,037,500	1,037,500	100	0	0	1,037,500	100	0
9365966-9361134A.1	321,000	321,000	100	0	0	321,000	100	0
936-5966-0361145	2,250,000	606,399	27	781,486	35	1,387,885	61.6	862,115
0361615	300,000	2,774	1	22,998	8	25,772	8.59	274,228
1361115	2,300,000	0	0	0	0	0	0	2,300,000
SUB-TOTAL	6,790,500	2,549,673	38	804,484	12	3,354,157	49.3	3,436,343
BUY-IN								
8361550	50,000	2,742	5	0	0	2,742	5.48	47,258
936-5115-9361482	40,783	0	0	0	0	0	0	40,783
9365115-9361481	100,000	0	0	0	0	0	0	100,000
521-0206-3-90130	75,000	36,380	49	23,391	31	59,771	79.6	15,229
520.0000.5-00121A	210,000	44,098	21	96,637	46	140,735	67	69,265
511-0568-3-00049	300,000	57,617	19	74,026	25	131,643	43.8	168,357
596-0115350074&A.1	16,582	0	0	16,582	100	16,582	100	0
596-0115380085&A.1	22,018	0	0	22,018	100	22,018	100	0
511-0568-10009	300,000	0	0	0	0	0	0	300,000
SUB-TOTAL	1,114,383	140,837	13	232,654	21	373,491	33.5	740,892
GRAND TOTAL	7,904,883	2,690,510	34	1,037,138	13	3,727,648	47.1	4,177,235

file name: BYIN.PROG
9/3/91

29

MOTHERCARE SIX MONTHS PROGRESS REPORT
 =====

REPORT PERIOD
 JUNE - DEC. 90

PIO/T
 936-5966-
 361145

FUNDING SOURCE
 S & T/H

BUY-IN AMOUNT
 "NO" \$2,250,000.00

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
290	Off. Oper. U.S.A				
291	Contract Admin. U.S.A	112,228.26	12.4		
292	Gen. Tech. Del. U.S.A	20,382.13	2.37		
293	Meeting/Conf. U.S.A	94,033.98	17.21		
294	Wkshp/Seminar U.S.A	22,522.15	2.32	MC, Subcontractors,	on-going
295	ACNM Manual U.S.A	19,525.21	1.06		
296	Breastfeeding U.S.A.	11,671.29	1.68		
298	Working paper U.S.A.	(1,756.47)	(0.26)	ACNM: Marshall Manoff: Griffiths	5/90-9/91 on-going on-going
232	TA/Admin Support Bangladesh	386.94			
303 *	REGIONALIZ/SUBC. INDONESIA	14,200.00	0.04	MC, SCF, Bartlett UNPAD: Dr. Alisjahbana Dr. J.Thouw	on-going 1/91-9/93
305	LBW, TA/Admin Indonesia	7,401.93	0.52	MC: Koblinsky, Manoff: Moore,	on-going
306 *	LBW UNPAD/SUBC. INDONESIA	46,515.20		UNPAD, Dr. Alisjahbana	3/90-9/91
307	Indramayu TA/Adm Indonesia	58,397.30	5.16	MC: Koblinsky, Pop Council: Sloan, Leon, Manoff: Moore, Pollard	on-going
308 *	INDRAMAYU SUBC. INDONESIA	22,152.81		Univ. Indonesia, Dr. Utomo	8/15/90-5/15/92
309	Regionalization Indonesia	10,486.10	0.91	MC: Koblinsky, Manoff	on-going
310 *	INQUISIVI/SUBC. BOLIVIA	36,667.12		SCF: Slusser, E. Sanchez	7/90-7/93
311	Inquisivi TA/Adm Bolivia	20,927.80	2.11	MC: Taylor, SCF: Slusser, Manoff, Barlett	on-going
312	Cochabamba/TA supBolivia	52,141.36	4.44	MC, Manoff: Favin, Putney, S. Brem	on-going
317	Midwifery TA U.S.A.	9,158.89	0.53	MC: Conroy, ACNM: Marshall	3/21/91-4/6/91
320	Bolivia field Bolivia	885.46	0.04	MC: Howard Grabman, Blanca, Vexina	1/91-9/93
325	Hope S/T researchJamaica	665.96	0.10	Hope Enterprises, Jamaica	done
326	Kangaroo ResearchEcuador	24,327.43	3.07	MC, Pop Council: Sloan, Dr. L. Leon	on-going
327 *	KMM SUBCONTRACT ECUADOR	7,241.00		Isidro Ayora Mat. Hospital Dr. L. Leon	2/91-7/93
340	ST/Prelim. Haiti	1,596.40	0.15	CEDPA: Pressman	done
341	Prelim. Bolivia	107.35	0.01	MC, Manoff, Pop Council	done
344	ST/Study Indonesia	14,540.45	1.26	MC: Koblinsky, Pop Council	done
346	ST/Study Ecuador	1,102.92	0.29	MC, Pop Council	done
348	Peru (Prism) Peru	0.00		Prism	done
349	Development Jamaica	108.54	0.03	Manoff: Moore	done
350	Prelim. Ivory Coast	252.13	0.02	MC: Conroy, ACNM, Pope, Pierre-Louise	done
351	Development Bangladesh	10,930.60	1.11	SCF: Slusser	done
352	Nepal Delv. Nepal	509.96			done
353	Development Guatemala	400.00	0.50	MC: Taylor	done
355	Development Uganda	9,778.13	0.87	MC: Conroy, ACNM: Marshall, Kaufman, CEDPA: Pressman, Krasovec, MC, PAHO, WHO, AID	done on-going
358	Maternal Workshop U.S.A	478.83	0.11	ICM	done
360	Workshop Burkino-Faso	392.01	0	Pop Council	done
363	Case Study Grenada	17,801.73	0.60	G. Berggren	done
366	FCI Lahore Pakistan	78.48	0.23	S. Tom	done
367	Development Thailand	(2,200.92)	(0.15)		done

* Trans. to PIO/T 0361615

SP

370	TAG 2 meeting		
381	PNG Development PNG	34,647.48	4.08
		13,199.71	0.24
382	STD Development U.S.A	12,750.78	1.10
383	Nigeria Developm. Nigeria	16,074.12	1.16
384	NCIH conference U.S.A	8,980.07	0.83
385	Haiti B-in Women Haiti	4,270.69	
386	Country Assessmnt El Salvador	8,504.29	0.70
	Sub-Total	751,429.22	68.11
	Fee 4%	30,057.18	
	Total expend	781,486.40	68.11

MC, Subcontractor, Consultants 7/1/91-7/3/91
 MC: Taylor, CEDPA: Pressman, 4/18-5/19/91
 ACNM: Dupar
 MC: Koblinsky, Conroy on-going
 MC: Conroy, ACNM: Marshall 4/21-5/8/91
 MC, Subcontractor, Consultants 6/28-7/1/91
 * To trans. to PIO/T90130
 CEDPA: Pressman, MC: Conroy 4/6-4/16/91
 MC: Taylor, ACNM: Keith 4/14-4/26/91

file name: vong/PRO61145
 9/3/91

11

MOTHECARE SIX MONTHS PROGRESS REPORT
 =====

REPORT PERIOD
 JAN. - JUNE 91

PIO/T FUNDING SOURCE
 520-0000.5 Guatemala
 00121 & A1

BUY-IN AMOUNT
 "YES" \$210,000.00

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
300 *	INCAP SUBCONTRACT	Guatemala	59,533.69		
301	TA/Admin supp.of INCAP Subc	Guatemala	18,212.15	3.24	MC: Taylor, Schieber MC staff, Church, Sosa
302	ROCAP/TA support of INCAP	Guatemala	5,293.05	0.45	MC staff, Church, Najaro,
371 *	Guatemala/Tag Subcontract	Guatemala	5,000.00		Putney, Beck Guatemalan Association of GYN. and Obsetrics
372	TAG management and TA	Guatemala	4,881.06	0.65	Trott, E. Bocalette MC: Taylor, Daulaire
	Sub-Total		92,919.95	4.34	
	Fee 4%		3,716.80	0.00	
	Total expend		96,636.75	4.34	

file name:vong/PRO121gm
 9/3/91

42.

MOTHECARE SIX MONTHS PROGRESS REPORT
 =====

REPORT PERIOD
 JAN.- JUNE. 91

PIO/T
 0361615

FUNDING SOURCE
 "S&T/H"

BUY-IN AMOUNT
 "NO" \$300,000.00

ACTIVITY

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
296 Breast feeding	U.S.A	7,993.47	1.10	Manoff: Griffith	on-going
367 Thailand Del.	Thailand	3,517.26	0.15	WIPN: Baumslag	3/14/91-3/27/91
369 Breast feeding	Pakistan	9,208.62	1.37	S. Tom	5/10/90-6/8/90
387 Breast feeding	Dominican Republic	1,394.23	0.17	Manoff: Griffith	2/19/91-3/20/91
				Manoff: R. Horner	7/97/91-7/19/91
Sub-Total		22,113.58	2.79		
Fee 4%		884.54	0.00		
Total expend		22,998.12	2.79		

file name:vong/PRO61615
 8/2/91

23

MOTHERCARE SIX MONTHS PROGRESS REPORT
 =====

PIO/T FUNDING SOURCE
 511-0568- "BOLIVIA"
 3-00049

REPORT PERIOD
 JAN-JUNE 91
 BUY-IN AMOUNT
 "YES" \$300,000.00

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
312 Cochabamba TA/Adm. Sub	Bolivia	40,141.13	4.25	Putney, Favin MC: Rosenthal, Percy Manoff: Brems	1/18-2/14/91, 3/16-21/91 4/15-27/91 5/30-6/15/91
320 Bol. Field Office	Bolivia	31,037.98	2.65	MC: Taylor, Grabman	10/90-9/93
Sub-Total		71,179.11	6.90		
Fee 4%		2,847.16			
Total expend		74,026.27	6.90		

file name:vong/PRO049BV
 8/2/91

24

MOTHERCARE SIX MONTHS PROGRESS REPORT
 =====

REPORT PERIOD
 JAN - JUNE. 91

PIO/T FUNDING SOURCE
 596-015-3- ROCAP, Guatemala
 50074

BUY-IN AMOUNT
 "YES" \$16,582.45

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
302	ROCAP/TA Support of INCAP subcontract	15,944.59	1.18	MC: Taylor, Schieber Najaro Putney Daulaire	6/01/90-6/30/91 2/01/91-6/30/91 3/05/91-3/23/91 4/01/91-4/17/91
	Sub-Total	15,944.59	1.18		
	Fee 4%	637.86	0.00		
	Total expend	16,582.45	1.18		

file name:vong/PRO50074g
 7/31/91

25

MOTHERCARE SIX MONTHS PROGRESS REPORT
 =====

PIO/T FUNDING SOURCE
 596-0115-3-ROCAP, Guatemala
 80085, A.1

REPORT PERIOD
 JAN. - JUNE 91

BUY-IN AMOUNT
 "YES" \$22,017.55

ACTIVITY	COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING	
302	ROCAP/TA Support of INCAP subcontract	GUATEMALA	21,170.81	1.61	MC; Taylor, Schieber Najaro Daulaire Putney	6/1/90-6/30/91 2/1/91-6/30/91 4/1/91-4/17/91 3/5/91-3/23/91
	Sub-Total		21,170.81	1.61		
	Fee 4%		846.74	0.00		
	Total expend		22,017.55	1.61		

file name:vong/PRO80085
 6/26/91

MOTHERCARE SIX MONTHS PROGRESS REPORT
 =====

REPORT PERIOD
 JAN - JUNE 91

PIO/T	FUNDING SOURCE	BUY-IN	AMOUNT
521-0206-3-90130	USAID/Haiti	"YES"	\$75,000.00

ACTIVITY		COUNTRY	AMOUNT EXPEND	PM EXPEND	KEY PERSONS	TIMING
343	Maternal Mortality	Haiti	6,327.71	0.07	J. Coreila	done
345 *	Breastfeeding	Haiti	14,967.75	1.25	Haiti Institute for Child Health	1/22/90-12/31/91
385	Women's group	Haiti	1,195.59	0.63	MC: Conroy, CEDPA: Pressman	4/06/91-4/16/91
	Sub-Total		22,491.05	1.95		
	Fee 4%		899.65	0.00		
	Total expend		23,390.70	1.95		

file name:vong/PRO90130
 6/26/91

57

APPENDIX E: LISTING OF REPORTS

REPORT LISTING

TRIP REPORTS: Short Term Technical Assistance

Africa

Côte d'Ivoire

- Côte d'Ivoire Trip Report
July 30-August 9, 1990
Colleen Conroy
Charlene Pope
Raynald Pierre-Louis

Kenya

- Kenya Trip Report: Project Development
September 6-7, 1990
Willa Pressman

Nigeria

- Nigeria Trip Report
April 22 - May 10, 1991
Colleen Conroy
Peg Marshall

Uganda

- Uganda Trip Report
December 1-19, 1989
Colleen Conroy
Cindy Kaufman
Charlotte Neumann
- Uganda Trip Report: Project Development
August 11-September 5, 1990
Willa Pressman
- Uganda Trip Report
May 26-June 12, 1991
Colleen Conroy

Asia and the Near East

Bangladesh

- Bangladesh Trip Report
October 10-17, 1989
Marjorie A. Koblinsky
Zahidul Huque
- MotherCare Trip Report
Save The Children
Bangladesh Field Office, Dhaka
July 9-25, 1991
Katherine Kaye
- Trip Report
Save The Children, Bangladesh
July 13-29, 1991
Dr. Alfred Bartlett

India

- Trip Report
September 24 - October 4, 1989
Mary Ann Anderson

Indonesia

- Indonesia Trip Report #1
October 1-9, 1989
Marjorie A. Koblinsky
- Technical Assistance to the University of Indonesia Child Survival
Institute: The Indramayu Project MotherCare Initiative
October 1-9, 1989
James F. Phillips
- Indonesia Trip Report #2
January 17-February 8, 1990
Marjorie A. Koblinsky
- Indonesia Trip Report #3
June 21-July 7, 1990
Marjorie A. Koblinsky
- Indonesia Trip Report #4
October 7-21, 1990
Marjorie A. Koblinsky

- Indonesia Trip Report
Development of the Social Marketing Component of a Project to Alleviate Maternal Anaemia in Indramayu. Review of Possible Social Marketing Activities in the Perinatal Regionalization Network Project in Tanjungsari, January 9-31, 1991
Mona Moore
- Indonesia Trip Report
March 28-April 6, 1991
Nancy L. Sloan & David Leon
- Development of the Social Marketing Component of a Perinatal Regionalization Project in Tanjungsari: West Java
May 20-27
Mona Moore
- A Qualitative Investigation of Factors Influencing Use of Iron Folate Tablets by Pregnant Women in West Java: A Summary of Findings
May 1991
Mona Moore
- Improved Iron Folate Distribution to Alleviate Maternal Anemia, Indramayu, West Java: Analysis of the Qualitative Research Results and Preparation of the Research Report.
April 22 - May 18, 1991
Mona Moore
- Indonesia Trip Report
October 7-13, 1990
Mary Ann Anderson

Jordan

- Jordan Country Assessment
November 28-December 18, 1989
Patricia Taylor
Oona Campbell
Mona Moore
Janet Tognetti
Salva Bitar
- Jordan Trip Report
March 4-15, 1990
Wilma H. Lynn

Papua New Guinea

- Papua New Guinea: MotherCare Country Assessment
May 5-21, 1991
Patricia Taylor, Willa Pressman,
Marsha Dupar, and Pamina Gorbach

Philippines

- Philippines Trip Report: Sixth International Women and Health Meeting
November 2-13, 1990
Willa Pressman
(also listed under Workshops)

Thailand

- Thailand Trip Report
May 14-23, 1990
Sally A. Tom
Audrey J. Naylor
Janet Tognetti

Latin America and the Caribbean

Bolivia

- La Paz, Bolivia Preliminary Assessment Report
June 1-8, 1989
Marjorie A. Koblinsky
Patricia Taylor
- Bolivia Trip Report
October 28-November 9, 1989
Lisa Howard-Grabman
Pamela J. Putney
Marcia E. Sell
- Bolivia Trip Report #3
February 18-March 1, 1990
Patricia Taylor
Lisa Howard-Grabman

- Assessment Report and Proposal for MotherCare Project in Cochabamba, Bolivia
 Trip Report #4
 July 9-17, 1990
 Lisa Howard-Grabman
 Dr. Alfredo Guzman
 Dr. Pedro Rosso
 Patricia Taylor
 Melody Trott
 (also listed under Proposals)

Inquisivi - Bolivia

- Inquisivi, Bolivia Trip Report #1
 August 17-September 1, 1990
 Mona Moore
- Inquisivi, Bolivia Technical Report
 September 24-October 6, 1990
 Al Bartlett
- Inquisivi, Bolivia Trip Report
 Development of the Detailed Implementation Plan
 For the Save The Children MotherCare Project Called Warmi
 April 19 - May 9, 1991
 Wendy Slusser
- Inquisivi, Bolivia Technical Report # 2
 March 23 - April 3, 1991
 Alfred Bartlett

Cochabamba, Bolivia

- Cochabamba, Bolivia Trip Report # 1
 January 18-February 2, 1991
 John Elder (not for distribution)
- Cochabamba Bolivia Trip Report # 2
 January 18-February 14, 1991
 Pamela J. Putney
- Cochabamba Bolivia Trip Report # 3
 March 17-20, 1991
 Mike Favin

57

- Study of the Costs and Cost-Recovery Alternatives
for Maternal and Neonatal Care Services at the Hospital
German, Urquidi, Cochabamba, Bolivia
Phase One Report
November 1990
Larry Day
Gerry Rosenthal
- Maternity Services in Cochabamba, Bolivia
Costs, Cost-Recovery, and Changing Markets
(Report of a Field Study)
April 25-27, 1991
Gerald Rosenthal and Allison Percy
- Cochabamba Trip Report #4
May 29 - June 15, 1991
Susan Brems

Chilé

- Chilé Trip Report
July 9-19, 1990
Marcia Griffiths

Ecuador

- Maternal and Neonatal Health and Nutrition: Ecuador
Trip Report #1
January 1989
Marjorie A. Woblinsky
- Ecuador Trip Report #2
March 12-23, 1990
Claudio Stern
Nancy L. Sloan
- Ecuador Trip Report #3
October 7-20, 1990
Nancy L. Sloan
Claudio Stern
Michael del Aguila
- Ecuador Trip Report #4
April 17-26, 1991
Nancy L. Sloan
Kathryn Tolbert

54

El Salvador

- MotherCare Country Assessment: El Slavador
April 15-26, 1991
Patricia Taylor
Debra Keith

Guatemala

- Trip Report: Initial Site Visit to Guatemala
October 10-17, 1989
Patricia Taylor
- Trip Report: Guatemala
January 15-26, 1990
Patricia Taylor
- Guatemala Trip Report #3-A
August 27-September 6, 1990
Nils M.P. Daulaire
- Guatemala Trip Report #3-B
August 27-September 6, 1990
Marcia Monterroso
- Guatemala Trip Report #4
October 22-November 9, 1990
Pamela J. Putney
- Guatemala Trip Report #5
November 4-17, 1990
Patricia Taylor
- Guatemala Technical Report
January 13-18, 1991
Roberto Sosa
- Guatemala Trip Report # 6
March 6-23, 1991
Diana R. Beck
Pamela J. Putney
- Guatemala Trip Report # 7
April 1-17, 1991
Nils M.P. Daulaire
INTERCEPT
- Guatemala Trip Report
September 30 - October 5, 1990
Mary Ann Anderson

- Guatemala Trip Report
May 7-17, 1991
Marcia Monterroso

Haiti

- Haiti Preliminary Site Visit
May 30-June 3, 1989
Colleen Conroy
Debbie Kreutzer
- Assessment of Maternal Mortality and Perinatal Outcomes Study: Haiti
November 26-December 10, 1989
Jeannine Coreil
- Haiti Trip Report
May 13-20, 1990
Jeannine Coreil
- Haiti Trip Report
September 18-October 5, 1990
Maria D. Alvarez
- Haiti Trip Report: Project Development
December 27-28, 1990
Willa Pressman
- Haiti Trip Report: A Plan to Promote
Breastfeeding in Haiti "Mothers Milk is Best Milk"
April 7-15, 1991
Gretchen Berggren
Colleen Conroy
- Haiti Trip Report:
Assessment Report on Women's Group and
NGO Activity in Maternal and Neonatal Health
April 1-12, 1991
Willa Pressman

Jamaica

- Jamaica Trip Report
September 24-29, 1989
Colleen Conroy
Mona Moore
Usha Shah

- Design of a Study to Investigate Beliefs and Perceptions of Jamaican Women that Influence their Utilization of Childbirth Services.
November 7-17, 1989
Mona Moore
Elaine Maran

- Jamaica Technical Assistance Visit
January 15-February 16, 1990
Mona Moore

Peru

- Trip Report: Preliminary Site Visit, Lima, Peru
August 29-September 1, 1989
Patricia Taylor

PROJECT REPORTS

- **Maternal and Neonatal Health and Nutrition in India**
March 1-31, 1989
Usha Shah
- **Evaluating the Quality of Prenatal Care**
September 12, 1989
Zahidul Huque
- **Eliminating Neonatal Tetanus: An Annotated Bibliography**
Working Paper 1
January 1990
Connie Keedle
- **Development of Instruments for the Systems Assessment of Maternal Health Services in the Peru Ministry of Health (PMOH) and Macroanalysis of Current PMOH Maternal Health Services in the Cono Sur of Lima, Peru.**
The PRISM Group
Donna Stultz
Marcia Luz Zaanoni
William M. Spira
- **Manual for Completing the CMI Community Members Interview**
The PRISM Group
Donna Stultz
Marcia Luz Zaanoni
William M. Spira
- **Assessment of Technology Needs at the First Level of Referral**
PATH
March 1990
- **Recommendations to the MotherCare Project Concerning Components of Prenatal, Intrapartum and Postnatal Care and Focus Areas**
March 10, 1990
Aida Lo
- **Mother's Clubs for Health Promotion: A Brief Review of Program Experience and Lessons Learned**
May 1990
Mona Moore
(also in Spanish)
- **Peru Country Study: Management Assessment of Primary Health Care Services in the Peru Ministry of Health: 1990 National Assessment**
The PRISM Group

- **A Case Study of Maternity Care in Grenada**
Working Paper 6
October 1990
Virginia Hight Laukaran
Adity Bhattacharyya

- **Behavioral Determinants of Maternal Health Care Choices in Developing Countries**
Working Paper 2
November 1990
Mona Moore

- **Qualitative Assessment of Attitudes Affecting Childbirth Choices of Jamaican Women**
Working Paper 5
December 1990
Maxine Wedderburn
Mona Moore

- **Community Level Maternal and Neonatal Health Information and the Collaboration of MotherCare with Local and Women's Organizations in Africa**
December 1990
Belkis Giorgis

- **Interventions to Improve Maternal and Neonatal Health and Nutrition**
Working Paper 4
December 1990
Niki George

- **The Prevalence of Anemia in Developing Countries, 1979-1989**
An Annotated Bibliography
Working Paper 7A
Elizabeth A. Jordan
Nancy L. Sloan

- **Notes on Appropriate Approach to Safe Motherhood**
June 1991
Working Paper 8
USAID/Jakarta

- **Save The Children/MotherCare**
Bolivia "Warmi" Program Detailed Implementation Plan
July 15, 1990 - July 15, 1993
May 1991
Save the Children

PROPOSALS

- Report on the Feasibility of Implementing and Evaluating a "Kangaroo Mother" Project for the Neonatal Care of Low Birth Weight Infants Born in the Isidro Ayora Maternity Hospital in Quito, Ecuador
September, 1989
Claudio Stern
Veronica Valdes
- Quetzaltenango Maternal Neonatal Health Project, INCAP, 1990
Barbara Schieber
Alfred Bartlett
Joyce Hermida
Hernan Delgado
- Evaluation of the Effects of the "Kangaroo Mother" Program Neonatal Care of Low Birthweight Newborns in the Isidro Ayora Maternity, Quito, Ecuador
May 1990
Claudio Stern
Nancy L. Sloan
- Measuring Women's Health in Multipurpose Household Surveys: Development of a Model Questionnaire
May 1990
Wendy Graham
- Improved Iron-Folate Distribution to Alleviate Maternal Anemia in Two Subdistricts of Indramayu Regency, West Java, Indonesia
June 1990
Center for Child Survival, University of Indonesia
- Bangladesh/SCF Proposal to MotherCare
June 1990
September 1990
- Improved Maternal and Neonatal Care Through Upgrading Nurse-Midwifery Skills and Services
July 1990
ACNM
- Assessment Report and Proposal for MotherCare Project in Cochabamba, Bolivia
Trip Report #4
July 9-17, 1990
Lisa Howard-Grabman
Dr. Alfredo Guzman
Dr. Pedro Rosso
Patricia Taylor
Melody Trott
(also listed under Trip Reports)

- A Pilot Study of a Perinatal Regionalization Network: An Operations Research Proposal to MotherCare
August, 1990
Anna Alisjahbana
James Thouw
Marjorie A. Koblinsky
- Early Infant Feeding in Haiti: A Synopsis and a Proposal
Working Paper 3
October, 1990
Maria D. Alvarez
- MotherCare Safe Motherhood Project
Strengthening Safe Motherhood Project Activity
Willa Pressman
- Nigeria Proposal
MotherCare Proposal for Technical Support
to Federal Ministry of Health/Primary Health Care Unit
May 17, 1991
Colleen Conroy
- Syphilis Proposal
Preliminary Proposal: Prevention of Congenital Syphilis
A MotherCare Proposal to The Agency for International Development
March 27, 1991
Marjorie A. Koblinsky
- World Bank Proposal
Guidelines for Safe Motherhood
A MotherCare Proposal to the World Bank
May 21, 1991
Marge Koblinsky

61.

CONFERENCES/WORKSHOPS

- WHO Interested Parties Meeting, London School of Hygiene and Tropical Medicine, Institute for Child Health
June 18-23, 1989
Marjorie A. Koblinsky
- Maternal and Child Health Projects in India, NCIH Annual Conference
June 21, 1989
Usha Shah
- WHO Workshop on Prevention of Tetanus of the Newborn, Geneva
June 26-28, 1989
Gretchen Berggren
- Post-Congress Consultation on Asphyxia and Thermal Control in Newborns, International Children's Center, Paris
July 29-31, 1989
Sharon Guild, M.D.
- Safe Motherhood Initiative: Technical Working Group on Measurement of Reproductive Morbidity, WHO, Geneva
August 30-September 1, 1989
Marjorie A. Koblinsky
- Intercountry Workshop of Safe Motherhood Initiative: Recent Developments and Key Issues, WHO/SEARO, New Delhi
November 6-10, 1989
Zahidul Huque
- A Meeting with Mrs. Marie Goubran, Executive Secretary, International Confederation of Midwives, London, England
December 14, 1989
Cindy Kaufman
- Mortalité Maternelle: Les Sages-Femmes se Mobilisent
Rapport d'un atelier sur "Renforcement des services nationaux de sage-femme"
January 12-19, 1990
Ouagadougou, Burkina Faso
- Report on the First African Regional Conference on Women and Health
January, 1990
Naomi Baumslag
- Reaching Women
January 5, 1990
Carol A. Carp

- Neonatal Tetanus Elimination: Issues and Future Directions
Meeting Proceedings
REACH/MotherCare with USAID
Alexandria, VA
January 9-11, 1990
- Maternal Anthropometry for Prediction of Pregnancy Outcomes
April 23-25, 1990
- ACC/SCN Workshop on Iron Deficiency Control Programmes
A Brief Summary of MotherCare Staff Participation and Workshop Proceedings
Dublin, Ireland
June 6-8, 1990
K. Mona Moore
- Japan Trip Report: ICM/WHO/UNICEF Pre-Congress Workshop and Triennial
Congress of the International Confederation of Midwives
October 1-12, 1990
Margaret Marshall
- Philippines Trip Report: Sixth International Women and Health Meeting
November 2-13, 1990
Willa Pressman
(also listed under Trip Reports)
- Zambia 7th Regional Conference of African Union
of Venereal Disease and Treponematoses
March, 1991
Marjorie A. Koblinsky
- STD Workshop
Centers for Disease Control, Atlanta
July 23-25, 1991
Marjorie A. Koblinsky
- ARI Conference
July 31, 1991
Marjorie A. Koblinsky

53

INTERNAL REPORTS

- MotherCare Project Annual Workplan
June 1, 1989-May 31, 1990
- MotherCare Six Month Progress Report
May 1989-November 1989
- Technical Advisory Group Meeting, Arlington, VA
March 6-7, 1990
- Technical Advisory Group Meeting Report
March 6-7, 1990
- Advisory Subcommittee Meeting:
A Summary of Recommendations and My Impressions
April 30-May 2, 1990
Marjorie Koblinsky
- MotherCare Six Month Progress Report
November 1989-May 1990
- MotherCare Project Annual Workplan
Year 2
June 1, 1990-May 31, 1991
- MotherCare Six Month Progress Report
June 1, 1990-November 30, 1991