

**CONTRACTOR:** John Snow, Inc. / MotherCare  
**CONTRACT #:** HRN-C-00-98-00050-00  
**REPORTING PERIOD:** July 1 – September 30, 1999

## **A. NARRATIVE**

### **1. BACKGROUND**

The MotherCare III Subproject will continue and complete selected portions of the MotherCare II Subproject, which promoted maternal and neonatal health and nutrition and the reduction of maternal and neonatal mortality. Long-term country programs, operations and applied research, policy formulation and information dissemination activities are to be continued for the purposes of scaling-up and sustainability. This Cost-Plus-Fixed-Fee completion contract totals \$4,800,000.00.

### **2. EXPECTED RESULTS**

In accordance with the MotherCare III contract, MotherCare expects the following results by the end of the contract:

- Continued and completed work in long-term countries, divided as follows:
  - Three intensive long-term country programs continued and completed; Monitoring and evaluation systems instituted
  - Less intensive, long-term country programs or demonstration projects completed and results reported by MotherCare
- Applied research on key issues related to maternal health, nutrition and STD/RTIs completed and prepared for publication, primarily in peer-reviewed journals
- World-wide, policy-related operations continued; Commitment built through increased dialogue that stems from a) participation in workshops, meetings and seminars with ministry officials, international NGOs, multilateral agencies, development banks, international professional organizations; b) the production of documents that synthesize state-of-the-art understanding about priority programming in reproductive health for significant and sustainable impact
- Information dissemination efforts continued through presentations at international fora, informational seminars for USAID in Washington, D.C., knowledge sharing with USAID missions and partners in countries where MotherCare has long-term programs, dissemination of MotherCare publications, fulfillment of requests for information and the publication of the MotherCare Matters newsletter

### **3a. CURRENT CORE ACTIVITIES**

#### **3.a.1. LONG TERM COUNTRY PROGRAMS**

## *Intensive Long-Term Country Activities*

### **GUATEMALA:**

#### **I. MOTHERCARE/GUATEMALA CLOSES WITH IMPORTANT MEETING**

This past August, MotherCare/Guatemala held a three-day meeting to disseminate the results of programming in safe motherhood from 1994-1999 and to teach the methods that produced their positive outcomes. The meetings on August 16 and 17 included detailed presentations by MotherCare/Guatemala staff about each aspect of the project and included methods and results. Among the audience were personnel from USAID Guatemala, Nicaragua and Washington, DC, as well as the Ministry of Health and JPHIEGO. This audience along with regional Ministry of Health officials, TBAs, NGOs, nurses, INCAP and Office of the First Lady representatives were also present on August 18 for the larger, more general presentation of MotherCare's progress during the past six years. The following press release was an outcome of the meeting. It was sent to hundreds of individuals at international organizations, donors, NGO's and local government agencies.

#### *A Step Forward on the Pathway to Maternal and Perinatal Survival: Guatemala's MotherCare Project*

Guatemala has a Maternal Mortality Ratio of 248 per 100,000 live births, the third highest in the Western Hemisphere. Yet over the past four years, Guatemala has made a major step forward on the pathway to survival for women and newborns in both its coverage and quality of Essential Obstetric Care (EOC):

#### Coverage of EOC

- In rural departments where use of EOC facilities for delivery is reported as low as five percent, **Hospitals in project areas have witnessed increases in use rates of 50 to 77 percent.**
- **Met Need has doubled in project area hospitals** (meaning a greater proportion of women having complications seek care).
- **Equity has improved through increased use of EOC services by women with little or no education and those who are indigenous.**

#### Quality of Essential Obstetric Care

- **The confidence and skills of providers to perform high quality maternal and newborn care have significantly improved.** This effect of training continues more than two years after completion of the training course.
- Providers who have received training and the facility directors (both medical and nursing) report an **improved attitude toward providing care and working in a team, as well as providers' enhanced ability to recognize problems early and to intervene skillfully.**

The barriers to care in Guatemala are formidable. Cultural and language differences among the Latinos and the indigenous peoples, who make up approximately half the population, and a civil war of 36 years that ended only in 1996, have accentuated the standard obstacles to accessing formal care (e.g., costs,

distance, gender preferences, and concerns for privacy). Both traditional birth attendants, who provide most of the birthing care, and rural women, primarily indigenous women, express a fear of the hospitals and speak of the shame they feel in going there. Skilled staff is not always available to respond, even when their services are sought. The lack of professional nurses, doctors and specialists in the country has meant that all staff rotate within a hospital, and only one doctor (a general surgeon) may be attending in the hospital at night. Health centers and posts, located closer to women, are not always open and not usually equipped to manage births.

In this climate of fear and suspicion, the MotherCare Project, directed by Dr. Elizabeth Bocaletti, aimed to bring the communities and health facilities together to save the lives of women and newborns. Recognition of life-threatening complications and their danger signs and where to go for help were emphasized during TBA training, as well as broadcast by radio to the communities. They also formed the basis for counseling during prenatal care, and were a major focus in the discussions with women's groups. Tutorial training for doctors, nurses and nurse auxiliaries strengthened their counseling and clinical skills. Monthly visits by a specialist provided the trainees with continued opportunity to sustain these skills. And sensitizing clinical and non-clinical hospital staff to the local birthing traditions began to shift the facility balance toward a more "woman-friendly" hospital approach. Community maternities, set up by the community and staffed by rotating physicians or auxiliary nurses, began the process of demystifying traditional birthing practices for the medical staff and acquainting families with formal health services.

This \$1.3 million MotherCare/USAID effort, in support of the Guatemala Ministry of Health, was augmented with funding from the European Union. Together nearly a third of the country has been reached by this community-based approach to reach women and newborns with essential obstetric services. The next steps are to sustain current activities and expand them across of the country—efforts that rank high on the agenda of the Ministry of Health in Guatemala.

## **BOLIVIA:**

### **I. ACHIEVEMENTS**

#### *a. Monitoring and evaluation*

- Data collection and processing for monitoring and evaluation of the MotherCare Program was finalized for the 21 health facilities within MotherCare Bolivia's area of influence and in control districts. This information includes met need and iron supplementation for pregnant women. The information that will be used for monitoring purposes corresponds to the first semesters of the years 1996 to 1999. The results are encouraging regarding the increase in coverage for iron tablets supplementation.
- We determined the questions about iron supplementation that will be included in the final evaluation of the IEC strategy and social marketing for the MotherCare program.
- We reached an 80% advance for analysis of information about key indicators of the program.

- By the end of October, Dr. Beatrice Selwyn from the Texas University will be working in MotherCare/Bolivia with data corresponding to project evaluation.
- Data collection regarding complications in health services was completed for the years 1996, 1997, 1998, and until June 1999 in the Cochabamba districts and in the control district, Illampu. The data collection in La Paz and El Alto will be completed at a later date.
- Meetings were held with James Browder from MSH to discuss data collection coordination, the use of indicators and supporting the SNIS about changes that are being implemented. During these visits, MotherCare/Bolivia supervised the social marketing strategy implementation to improve the coverage of iron supplementation. MotherCare/Bolivia helped strengthen the technical ability of the personnel in the management of supplies and forms as well as interpersonal communication techniques.

*b. Publications*

- Work has continued on the "Supervision Manual." This document includes the guide and the curricula for the training workshops "Care for Women in their Reproductive Years and Care for Children under 5 years of age". This work is carried out together with the Ministry of Health and the Health Reform Unit within the Framework of the Basic Health Insurance.
- The second issue of the MotherCare Municipal Bulletin was printed and distributed to program users at the central, regional, and local levels.

*c. Maternal and Congenital Syphilis*

- MotherCare/Bolivia reviewed, together with the Ministry of Health and PAHO, the document about STD Care within the framework of the National Plan for Sexual and Reproductive Health and the Basic Health Insurance.
- MotherCare/Bolivia planned the training courses for implementation of the National Sub-program for the Elimination of Maternal and Congenital Syphilis.

*d. Training*

- The training evaluation is being translated into Spanish for final review in Bolivia.
- From September 1 - 3 1999, a workshop was carried out with the Nursing School-UMSA to integrate the new maternal and perinatal health curricula. The class was 10 classroom hours (from 3 pm to 6:30 pm during three days) and was directed to teaching staff and students interns. There were a total of 35 participants. (Eight teaching staff participants were from the

maternal/child area, and the rest were intern students.) The workshop objectives were:

- Strengthen the teaching-support agreement for the training on management of obstetrical and perinatal complications.
- Share the main objectives of training
- Share the contents and training tools in order to manage obstetrical and neonatal complication curricula. Initiate the training program within the Maternal/Child Department and for the Interns in the Nursing School.
- Strengthening the Document Center and Training in Sexual and Reproductive Health.

The workshop program had the following theoretical/practical content:

- Reading of the Agreement MotherCare/School of Medicine/Ministry of Health
  - Presentation of Curricula
  - Presentation of the Pathway to Maternal and Perinatal Survival
  - Interpersonal Communication and Orientation (former Counseling)
  - Barrier and Enablers for obstetrical and perinatal care
  - Using educational materials and IEC
  - Problem Solving Methods
  - Anemia during Pregnancy
  - Congenital and Maternal Syphilis and National Plan
  - All MotherCare documents were given to the School Main Office, the Library, and the Medicine School.
- The issue of training was included and work was carried out in "Program Schedule for the Rotating Interns". This has been made by the School Coordinator together with MotherCare to support some training needs.
  - The personnel are motivated, and since the workshop, three more meetings have taken place to work on activities related to curricula (adaptation of model to be shorter and more objective) such as replicating the course in 3 days and only in 12 classroom hours. The model will be applied using the guide starting on October 27,28 and 29. The registered nurses Luz La Fuente and Gloria Peñaranda (Trainer Nurses from MotherCare courses) have given their continuous support to the organization of this model. Ninety percent of the health services have received the educational materials.

*e. Information, Education and Communication*

During this quarter the following activities were accomplished:

- **Contracts signed with 5 local radios.**

- **New Broadcasting:** Radio soap opera, radio messages for husbands, songs and publicity spots and brochures were re-aired. The broadcasting was carried out in 5 regional radio stations of La Paz and Cochabamba in Spanish, Aymara, and Quechua. The new broadcasting started on August 9, 1999 and will finish at the beginning of November 1999. This is the last broadcasting.
- **Monitoring:** During the broadcasting, two people monitor the hours for soap episodes, messages to husbands, spots, and songs. This has been very helpful to ensure appropriate broadcasting.
- **Contest for Radio Listeners in La Paz and Cochabamba:** In order to increase the interest in the radio soap opera and in the husband's messages, the IEC coordinator arranged a radio contest for listeners. During the last four weeks of broadcasting each radio will carry out a contest as it was done before during the first broadcasting. The radios will keep track of the people that called or wrote to answer the questions. The prizes will be small portable radios.
- The Protocol for the IEC/C Final Impact Study, which includes sample size, clusters, target population, independent and dependent variables was finalized on September 29, 1999. The data collection, data entering, data processing and the analysis will be carried out during the next quarter. This study is similar to the mid-term IEC/C Impact Study. The difference is the sample size. In the previous study 1070 people participated and in this study 2584 will be interviewed.

## II. PROGRAM COORDINATION

- MotherCare/Bolivia participated in all meetings called by the First Lady's Office to discuss issues related to the implementation of a national program for the Prevention of Nutritional Anemia. Also, MotherCare/Bolivia participated in a meeting called by the World Bank about Food Security for the next millenium.
- MotherCare/Bolivia participated in all the meetings with the National Committees Services belonging to the Sexual and Reproductive Health Program and with the National Forum of Reproductive Health.
- MotherCare participates in various meetings and workshops together with the Health Reform Unit and the Ministry of Health for writing and reviewing the document "National Strategy of the Maternal/Neonatal package".
- Interns from UCLA visited the health centers that used the culturally sensitive approach in order to determine if the materials given to them were being used. These materials were:
  - plastic bags to return the placenta
  - hospital clothing for husbands

- hospital clothing for TBAs
- small mattresses cover with plastic to give birth kneeling down
- blankets to keep women warm

The data will be analyzed and a report will be written next quarter.

- During this quarter, six interns from the University of San Andrés and the Universidad Católica implemented the Community Outreach Program. They worked in two rural communities (Guaqui and Tiawanacu) and in one peri-urban community (Villa Santiago II) carrying out 14 sessions about recognizing danger signs during pregnancy, delivery and post-delivery and the newborn. They also facilitated lessons on decision making, access and use of health services when complications arise. Additionally, they identified the community leaders and they trained them on these subjects. The subjects are based on the IEC/C Campaign for Safe Motherhood (educational materials and radio campaigns). Finally, they acted out how to react in emergency cases and applied the " Access Plan in Case of Obstetrical and Neonatal Complications"
- A total of 116 women and men participated in the meetings: 60 in Santiago Segundo, 22 in Guaqui and 34 in Tiawanacu. This activity ended on September 1999. Marketing/Diagnosis SRL carried out a post-evaluation in each community to determine if the communities improved or changed their knowledge, attitudes, behaviors and practices towards safe motherhood.
- The video script has been reviewed and finalized. A production plan has been developed. The video will include the Findings from the Final Evaluation of MotherCare Bolivia. It is estimated that will be finished by December 1999.
- The three interns from the School of Public Health/ University of UCLA were visiting MotherCare at the end of July to help with Monitoring and IPPC Training Supervision. They received a 20-hour training course in IPPC, Culturally Sensitive Health Services and ways to use them. Then, they visited 21 centers in La Paz and Cochabamba to validate the IPPC Manual Training Supervision, to supervise the health providers in IPPC abilities. They work in determining the level of use of educational material in the health services. The information obtained will be analyzed during the next quarter. The finding will be incorporated in the final report of this component. The interns finalized their work and returned to their country at the end of September 99.

### **III. OTHER ACTIVITIES**

- MotherCare provided technical assistance to the National Program for the Control of Micronutrients Malnutrition from the Ministry of Health and to the new personnel in charge of the program at the Health Departmental Unit in La Paz and the Health Departmental Unit in Cochabamba.

- MotherCare provided technical assistance to the Health Reform Unit from the Ministry of Health for the design and adaptation of the Maternal Neonatal Package to the national scenario. This package will be implemented at the national level as a strategy to accelerate the reduction of the maternal and neonatal mortality at the national level.
- The IEC Strategy for Safe Motherhood, implemented by MotherCare, was presented to the Health Reform Unit to be replicated at the national level. MotherCare/Bolivia participated in many meetings to define the national IEC strategy of the Basic Health Insurance with financial resources coming from the World Bank.
- The following presentations were given in events that took place outside Bolivia:
  - "Health Reform" for consultancy work in Guatemala, APRESAL, Dr. Guillermo Seoane
  - Human Rights and Safe Motherhood - with the participation of Verónica Kaune in the Inter-Agency Task force Consultation on Behavior and Communication From a Rights Perspective.
  - MotherCare Bolivia Project, Summary of the Components, by Dr. Guillermo Seoane - Guatemala project closing.
  - Neonatal Mortality in the Hospital de La Mujer, Basics, MotherCare, presentation made for Dr. Héctor Mejía - INCLEN - Tailandia and México.
  - Participation in the XII Latinamerican Congress of STDs, ULACETS and in the VI Panamerican Conference for AIDS in Salvador Bahía, Brasil. Presentation of the Bolivian strategy for the elimination of the maternal and congenital syphilis. Participation in debates: Report given to Ministries and PAHO members about accomplishments to eliminate maternal and congenital syphilis in America
- The IEC coordinator was invited to present a poster and make a presentation for the 16<sup>th</sup> Latin-American Meeting of the Association of Human Reproduction Researches. The poster presentation took place in Marbella, Chile in September 28. The presentation about Behavior Change Strategies for Safe Motherhood took place in Santiago, Chile on September 29.
- Work was carried out to incorporate the Maternal and Congenital Syphilis Prevention and Control Manual within the curricula of the Master Program in STDs - PAHO - ULACETS University Net that will be on Internet.
- Work was carried out for the Municipal Bulletin N° 3 issue July 1999
- The IEC/C Coordinator trained four members of CARE/Bolivia staff from Potosí about the use and implementation of the IEC/C Safe Motherhood Campaign (educational materials and radio campaign). A 16 hours training course was given to them and they in turn will train other staff in Potosí.

- The MotherCare/Bolivia staff met with the Reproductive Health Director to determine how to make the campaign sustainable and how to implement it at the national level. After this meeting it was determined to work with the Health Reform in Bolivia. In order to accomplish this MotherCare was invited to work with the IEC/C Committee and some MotherCare materials were chosen for the first phase of the campaign. Some additional materials will be produced for the second and third phase of the campaign. Finally, the Health Reform in Bolivia has asked MotherCare to be in charge of the IEC/C Strategy for the Maternal/Neonatal Component.

#### **IV. SUPPORT FROM MOTHERCARE/WASHINGTON**

- MotherCare/Bolivia has the support of the consultants Eva Weisman and Leslie Elder who reviewed the cost study for the anemia component and made suggestions to improve the presentation of information.
- Meetings were held with the STD/AIDs Services from the Ministry of Health to initiate the implementation of the National Plan for the Basic Health Insurance within the new structure that depends from the Direction of for the Mother/Child Care. Within this structure is included the component for the control of sexually transmitted diseases in maternity hospitals.
- Meetings were held with new STDs authorities at the PROSIN (Holistic Health Project)
- Meetings were held with representatives from STD/AIDS PAHO - ONUSIDA
- The Training Plan for RPR was outlined for La Paz and Cochabamba.
- The MC/Bolivia training supervision material was reviewed.
- Colleen Conroy visited the office to review the accomplishments made by MotherCare/Bolivia-

#### **V. PROBLEMS ENCOUNTERED**

- The SNIS is facing some problems due to their change of address and phones, which had an effect in MC/Bolivia accessibility to their database
- The availability of iron folate tables was solved at national level.
- The Basic Health Insurance for Bolivia is not yet being applied as it should.
- There has been a change of the person in charge of the Sexual and Reproductive Program in the Ministry of Health (Dr. Oscar Landivar)

- There was also a change of the person responsible for STD/HIV/AIDS in the Ministry of Health (Dr. Vito Rivas)
- The frequent work trips of the STD/AIDS responsible person has affected new activities that had taken a longer time to be promoted.
- There is still a weak coordination and support from the Maternal/Child Department in the teaching area for the Nursing School.
- Advances had not been accomplished in Cochabamba regarding the training process. The Neonatal Department and Rotating Interns need more time to get organized. There are "power struggles" within the hospital and the Medicine School that unfortunately hinder the progress of activities. MotherCare/Bolivia is waiting to coordinate activities once more with Dr. Max Sánchez chief of the Maternal/Child Department. Unfortunately, the visits from MIN/JHPIEGO during training activities in reproductive health had interfered with our normal development of activities.

## **INDONESIA:**

### **I. ACHIEVEMENTS**

#### ***a. Information, Education and Communication***

##### Inter-personal Communication and Counseling (IPCC) Skills Evaluation

Draft reports, Indonesian and English version, are complete. The final report will be incorporated into the MotherCare final report.

**(Notes:** MotherCare in collaboration with PATH/Indonesia trained 555 Bidan di Desa in IPC/C skills, to increase the Bidan di Desa's (**BdD**) ability to communicate with community members and improve their integration into the village of their responsibility in April/May 1997. Observation/evaluation were conducted both for Bidan di Desa in MC districts and a non-MC district as a control. The evaluation included exit interviews of clients and observations of IPCC trained and non-trained midwives. Results were analyzed using a scoring method to measure midwives' skills in the areas of welcoming, active listening and responding to questions, general attitude and counseling. The preliminary results indicate a difference between trained and non-trained midwives in the above area. Some midwives feel that they are more sensitive to their clients and better in responding to client's questions).

#### ***b. Anemia Control Program for Newlywed Women (Marriage Registration Study)***

Final paper has been submitted to Journal of Nutrition.

**(Notes:** MotherCare and MOH initiated an innovative intervention strategy, using an IEC approach, to control anemia in newlywed women, in collaboration with the Ministry of Religious Affairs. The project was launched at the end of July 1998. The newly wed women were recommended to take iron pills 30-60 pills prior to marriage. The results showed about 40% decrease of anemia prevalence from 23.8 % to 14.0% after approximately one month of iron-folate pills consumption. The second evaluation results showed that about three months after the first monitoring, the prevalence is still about 14%. The possible explanation is that there was a gap of about two months when the women did not take iron pills anymore (as recommended), and their body iron level is marginal to compensate the needs).

### *c. Bidan di Desa Survey*

In April 1999, a second BdD survey was conducted, and information from 498 BdD was gathered. Data entry and cleaning was done, and Dr. Jeanne McDermott and Ali Zazri have been analyzing the data since September 1999. The results will be compared with the first BdD survey to see if any changes occur.

**(Notes:** In April 1997, a survey of Bidan di Desa was conducted. The purpose was to get information about the profile of Bidan di Desas, including when they started working as BdD in their village, the status within the MOH system, the services they provide (e.g. number of deliveries), etc. By the end of the MotherCare project, another survey was considered needed to capture any changes. For the second survey, other variables were also added, including information about Peer Review/Continuing Education for the trained BdDs, iron pills distribution/supply, involvement of BdDs in MPA activities, IEC media, and the Social Safety Net Program implementation (MOH/ADB/World Bank project).

### *d. Ongoing Activities*

Data collection, Entry, Cleaning and Analysis of the following information :

- **Hospital Register:**  
Hospital/Delivery Register was developed during MotherCare II to gather information related to MotherCare interventions, including percent of women estimated to have direct obstetric complications who are treated at hospitals (**Met Need**); Case Fatality Rate (**CFR**), Obstetric Complications, etc. Data collection, entry and cleaning is conducted every month, from six Hospitals (one provincial Hospitals and five district Hospitals of the three MC districts) and one Puskesmas (HSS district).

Status: Data up to the month of August 1999 has been collected and entered.

- **Bidan di Desa Registers:**  
The BdD register was developed during MotherCare II to gather information, including post-

partum visits by LSS trained midwives (only in HSS district) and average number of iron tablets consumed by post-partum women. Data collection and entry is conducted every 3 months.

Status: Data from the period of April - June 1999 has been collected and entered.

- **MOH statistics from 3 MotherCare districts (HSS, Banjar and Barito Kuala):**  
To gather information on percent of births attended by trained health providers; percent of pregnant women going for first ANC visit (**K1**); percent of pregnant women making at least four ANC visits (**K4**); percent of pregnant women receiving or buying iron tablets (**Fe-1**); percent of pregnant women receiving or buying 90 iron tablets (**Fe-3**).

Status: Data on K1, K4 and births by trained attendance from January 1997 until August 1999 has been collected from MotherCare districts.

- **MOH statistics from six non-MotherCare districts and one Municipal (Banjarmasin) :**  
To gather the same information as above, MotherCare staff coordinate with MOH staff at provincial and district health office.

Status: Data from January 1997 until August 1999 from non-MotherCare districts is available.

#### Maternal and Perinatal Audit:

- **Continuation of MPA activities after MotherCare Project.**  
The three MotherCare districts are continuing the MPA activities with MOH funding. The implementation of the MPA meeting is still using the same pattern developed by MOH and MotherCare. However, due to the limited MOH budget, the activity is only implemented two times/year at the district level.
- **Distribution of MPA guideline produced by MotherCare.**  
During the MotherCare II Project, the MPA activities have been initiated and additional guidelines to the existing MOH guideline was developed. Modification of maternal, perinatal and summary forms has also been completed. The modification of MOH guideline and forms has been accepted by MOH South Kalimantan and currently is being used for MPA activities in South Kalimantan. The MPA guideline has been printed and distributed to MotherCare districts as well as non-MotherCare districts in South Kalimantan.

#### Post Survey

With the assistance from Mr. Tom Marshall of London School of Hygiene and Tropical Medicine and Dr. Jeanne McDermott of MotherCare/USA, a post-survey has been conducted, as a follow-

up of the baseline survey conducted in the early stage of the project (mid year, 1996). Data collection was completed by July 30, 1999, and was entered and cleaned by August. Data collection was conducted as a collaboration with Provincial Bureau of Statistics and Provincial and District Health Office. Data entry and cleaning was done by University of Indonesia staff. In September, data analysis was started.

### Cost Study

To see the cost-effectiveness of the training program, a study on costing and cost effectiveness of the training program was conducted. The study is assisted by Dr. Julia Fox-Rushby and Mr. Damian Walker of London School of Hygiene and Tropical Medicine. From August 9 - 20, Mr. Damian Walker worked with Dr. Mardiaty and Mr. Dono from Faculty of Public Health, University of Indonesia, and Marwan Tanjung of MotherCare-Jakarta office, to finalize the tools and collect data, both in Jakarta and South Kalimantan. Activities are included visits to three non-MC districts (Amuntai, Barabai and Pelaihari), to collect data on LSS internship program. All data was collected by the end of September and currently is being analyzed by the team.

### Evaluation of : LSS - Skills Training, Post-partum Program and Peer Review/Continuing Education/Fund Raising Program.

During the project period, MotherCare developed Clinical Training System, trained about 400 Midwives/Village Midwives in Obstetric and Life Savings Skills, developed Peer Review/Continuing Education/Fund Raising system which was implemented by the trained Midwives in collaboration with IBI, developed Post-partum Visit Program for Bidan di Desa, and developed LSS-Oriented Internship Program in all district hospitals in South Kalimantan.

It is too short of a period of time to evaluate the impact of these program on maternal/neonatal health and maternal/perinatal death. Instead, ACNM and MotherCare have developed evaluation tools to evaluate the Obst/LSS skills of the trained midwives, PR/CE/FR, and the post-partum program. Ms. Diana Beck of ACNM and Dr. Jeanne McDermott of MotherCare/USA assisted the evaluation activities. The skills evaluation was carried-out by Midwives from Jakarta (IBI/Indonesia Midwifery Association and Academy of Midwifery). The Peer Review/Continuing Education/Fund Raising was conducted by IBI/Jakarta and province, and Ms. Diana Beck. The qualitative postpartum program evaluation was conducted by MotherCare/JKT and Dr. Sudarti from University of Indonesia.

As a follow up of the PR/CE/FR evaluation, a meeting was conducted in Sept 20-21 in Banjarmasin. The purpose of the meeting was to further evaluate the activities, to solve the problems identified during the implementation of those activities, and for each district to share their experience. The meeting participants were the responsible midwives from the three districts, and were attended by IBI Jakarta, IBI Province and MC/Banjarmasin.

### Translation and publication of the latest version of Healthy Mother and Health Newborn Manual.

American College of Nurse Midwives (ACNM) produced a latest version of the Healthy Mother and Healthy Newborn Manual. Additions are mostly in the 'working with the community section' and elaboration of the antenatal care (including Home Visits) section. The previous version of the manual was used in the training of Bidan and Bidan di Desa in the MotherCare project areas in South Kalimantan. It is important that those Bidan and Bidan di Desa receive the up-to-date version of the manual, as they might not receive any other clinical training in the near future. Therefore, MotherCare is planning to translate it into Indonesian, print and deliver it to the LSS trained Bidan and Bidan di Desa. Currently the translation has started and is predicted to be finished (after editing and re-editing) by November/December, 1999. The manual is expected to be printed by the end of January 2000.

***e. Administrative :***

**Dr. Gunawan Supratikto**, MotherCare-PIO, resigned in July 1, 1999. While waiting for the new PIO, Ali Zazri, Research Coordinator, and Marwan Tanjung, Admin/Finance Manager and other MC-Jakarta staff have been in charge alternately. **The Monitoring and Evaluation position** is still vacant up to now. Ali Zazri, research coordinator, Idrus Jus'at, Anemia Program coordinator, and Agoes Setiaji, IEC specialist have resumed the task as needed.

**Dr. Asra Al Fauzi**, joined MotherCare in August 1999, to replace Dr. Gunawan Supratikto as MotherCare PIO. Dr Asra has finished his 3-year contract with MOH in one district in South Kalimantan. Dr. Asra was given the award for best Puskesmas doctor in South Kalimantan (province level), for the year of 1998/1999.

***f. International Travel:***

**Ms. Diana Beck**, of ACNM, **MotherCare Technical Advisor**, visited Indonesia, July 28 - September 7, 1999 to assist the implementation of the LSS Skills Assessment, Peer Review/Continuing Education/FundRaising, and LSS internship Program. Ms. Beck worked with **Dr. Jeanne McDermott**, **Training Technical Advisor/MotherCare-USA**, who also came between August 4- 30. Both of them traveled to South Kalimantan.

**Mr. Damian Walker**, of **London School of Hygiene and Tropical Medicine**, came to Indonesia (Jakarta and Banjarmasin) August 7-20 to assist the implementation of the Cost-Effectiveness Study.

**In-Country Travel:**

No	Dates	Place	Person	Purpose/Objective
1.	<b>June/July:</b> June 28 - July	Banjarmasin	<i>Ali Zazri</i>	TOT for the post-survey,

2.	3 July 26 - 29	Banjarmasin	<i>Ali Zazri</i>	To monitor/supervise data collection of the post-survey.
3.	June 28 - July 1	Banjarmasin	<i>Idrus Jus'at</i>	Training of the interviewers, post survey
4.	July 13 - 15	Banjarmasin	<i>Idrus Jus'at</i>	To monitor/supervise data collection of the post-survey, Batola district
5.	July 20 -24,	Banjarmasin	<i>Idrus Jus'at</i>	To monitor/supervise data collection of the post-survey, Banjar and HSS districts.
6.	July 13 - 15	Banjarmasin	<i>Agoes Setyadji</i>	To resume PIO and Monitoring/Evaluation tasks temporarily
7.	<b><u>August:</u></b> July 30 - August 1	Jakarta	<i>Gunawan S (previous MC/PIO)</i>	To give input for the training evaluation
8.	Aug 4 - 6	Banjarmasin	<i>Marwan Tanjung</i>	Preparing the plan for data collection of cost-study (coordination with MOH) and assist financial assistant for training evaluation and cost study.
9.	Aug 10 - 16	Banjarmasin	<i>Marwan Tanjung</i>	Data collection, cost-study (with the team)
10.	Aug 9 - 11	Banjarmasin	<i>Agoes Setyadji</i>	To prepare focus group discussion (FGD)for post-partum visits program
11.	Aug 8 -25	Banjarmasin	<i>Jeanne McDermott (MC/USA)</i>	Training Evaluation
12.	Aug 8 - 25	Banjarmasin	<i>Diana Beck (ACNM)</i>	Training Evaluation
13.	Aug 10 - 20	Banjarmasin	<i>Damian Walker (LSHTM)</i>	Cost-study : data collection
14.	Aug 10 - 15	Banjarmasin	<i>Endang Achadi</i>	To observe Training Evaluation
15.	Aug 18 - 20	Banjarmasin	<i>Marwan Tanjung</i>	To accompany Ms. Molly Gingerich and Ms. Lana Dakan of USAID.
16.	Aug 24 -27	Banjarmasin	<i>Agoes Setyadji</i>	To assist field finance assistant on financial report of the LSS Training Evaluation.
17.	Aug 23 - 28	Banjarmasin		FGD post-partum program
18.	<b><u>August/ September:</u></b> Aug 29 - Sept 3	Banjarmasin	<i>Diana Beck</i>	Training Evaluation
19.	Sep 6 - 9	Jakarta	<i>Dr. Asra Al Fauzi, new</i>	For orientation on the MotherCare project, and worked with MC/JKT staff to

20.	Sept 13 - 22	Banjarmasin & 10 districts	<i>MotherCare PIO Ali Zazri &amp; Dr. Asra Al Fauzi</i>	plan the upcoming activities .  To collect MOH data from 10 districts
-----	--------------	----------------------------	---	---

### ***Less-Intensive Long-Term Country Activities***

Completion reports have been received from Egypt, Eritrea, Guinea, Honduras, Malawi and Pakistan. Reports from Benin and the LAC Initiative are forthcoming.

### **3.a.2. APPLIED AND OPERATIONS RESEARCH**

#### Thailand

An explanation of the methodology of the applied research project in Thailand, "A Randomized Controlled Trial for the Evaluation of a New Antenatal Care Model" by P. Lumbiganon, N. Winiyakul, K. Chaisiri, and C. Chongsomchai was published in *Paediatric and Perinatal Epidemiology* in October 1998, Vol 12, Suppl. 2. The study, in collaboration with WHO, is still in process.

#### Ghana

"Training Non-Physician Providers to Improve Post-Abortion Care" project with Ipas and Deborah Billings is complete. Several papers from the research have been submitted for publication. One article was published in *Midwifery Today* in Spring 1998, Issue Number 45. Another paper will be published as a chapter in a postabortion OR book by Population Council. Finally, "Decentralizing Postabortion Care in Africa: A Call for Action" was accepted for publication in the March 1999 edition of African Journal of Reproductive Health.

#### Indonesia

"An Impact Evaluation of Low-Dose vitamin A Supplementation on Maternal and Neonatal Infections and Prematurity" by Gadjah Mada University and Michael Dibley is complete and on file.

#### Peru

"Improving dietary intake to prevent anemia in adolescent girls through community kitchens in a peri-urban population of Lima, Peru" and "Efficacy and acceptability of two iron supplementation schedules in school adolescent girls in Lima, Peru." by the Institute de Investigacion Nutricional and Hilary Creed-Kanashiro were presented and published at the Federation of American Societies for Experimental Biology meeting in April 1999.

#### Uganda

"Access to Reproductive Services: Participatory Research with Adolescents for Control of STDs" by the Pacific Institute for Women's Health by Lisa Bohmer is complete and will be submitted for publication, possibly to the new British journal, Culture, Health and Sexuality.

## Uganda

The final analysis is being conducted on the study "STD Control for Maternal and Infant Health" by The Johns Hopkins University and Ron Gray.

### **3.a.3. WORLD WIDE POLICY**

- July 2, 1999 Marge Koblinsky spoke during the JHU Perinatal Epidemiology class on MotherCare's experiences in this area
- Sept 3, 1999 Jeanne McDermott, MotherCare Training Advisor, attended the *Second Conference on Global Strategies for the Prevention of HIV Transmission from Mothers to Infants*. She co-chaired the workshop entitled "Clinical Practice Issues in Midwifery" with Maryanne La Chat. The per diem was sponsored by Conference organizers.

### **3.a.4. INFORMATION DISSEMINATION**

Aside from the aforementioned presentations, MotherCare conducted several other information dissemination activities.

- MotherCare distributed over 400 copies of MotherCare Matter 8,2 *Scaling-up MotherCare* at the Guatemala final meeting and several other Guatemala publications to an audience of 200+ government, university and hospital officials.
- During this quarter MotherCare responded to over 45 requests for a total of approximately 175 documents. The majority of these were mailed to developing countries.
- Carla Chladek continued to update the MotherCare webpage at [www.jsi.com/intl/mothercare](http://www.jsi.com/intl/mothercare).
- MotherCare Matters issue entitled *Scaling-up MotherCare* was mailed in August to over 3500 individuals and organizations.
- The MotherCare Matters on community diagnosis' is near completion and will be distributed in December.
- A new electronic news bulletin entitled Reproductive Health Focus was designed during this period and MotherCare's first monthly policy brief was distributed in August to over 300 policy level individuals at major donors, international organizations, universities and NGOs.

### **3b. CURRENT BUY-INS**

No delivery orders are included in this contract.

### **3c. CURRENT SUBCONTRACTING ACTIVITIES**

### **American College of Nurse Midwives (ACNM)**

Jeanne McDermott, seconded as MotherCare's Training Advisor, and Diana Beck conducted an evaluation of the in-service education program in South Kalimantan, Indonesia. In addition, Diana conducted a review of the Peer Review/Continuing Education System in three MC Indonesia districts with key members from IBI (National Midwifery Organization) at district, provincial and national levels.

### **Program for Appropriate Technology for Health (PATH)**

Please see Bolivia IEC section for a list of Veronica Kaune's activities during this quarter.

### **University of Indonesia**

The activities performed by Endang Achadi, Project Director, MotherCare Indonesia and Idrus Ju'sat are included in the quarterly report for Indonesia.

### **Family Health International (FHI)**

Patsy Bailey's activities have focused on providing technical assistance for MotherCare activities in Guatemala. During this period she assisted in the following:

1. Preparation and presentation of process indicators for the August final meetings in Guatemala, based on hospital data from the same three hospitals.
2. Discussions with consultant Jorge Matute regarding the analysis of the community-based survey to determine the effectiveness of MotherCare's IEC activities, community mobilization efforts and health center-based anemia prevention and control interventions;
3. Revision and presentation of the process indicators at a seminar for Maternal & Child Health at the University of North Carolina School of Public Health.
4. Sharing of the process indicators with staff at Columbia University and the MNH Project at a meeting at Columbia.
5. Revision of draft report about referrals based on hospital data from three hospitals.

Bailey traveled to Guatemala during this period (August 9-22) to attend the final meetings for the project in Guatemala.

### **London School of Hygiene & Tropical Medicine (LSHTM)**

See MotherCare/Indonesia section for a description of Carine Ronsmans, Damian Walker, Tom Marshal and Julia Fox-Rusby's work during this quarter.

### **University of Texas Health Science Center**

During this last quarter most of Beatrice Selwyn's work has revolved around the Impact Studies for the information, education and communication component of the MotherCare/Bolivia project.

*Analysis of the First Impact Study:* Dr. Selwyn worked together with Veronica Kaune (of MotherCare) and Julio Cordova (of Diagnosis, the Bolivian contractor collecting and analyzing the data) on the analysis of this data set. There were three different population groups included in the data collection plus two groups in health services (those in the intervention areas and those not in the intervention areas). They refocused the analysis to use more straight forward cross-tabulation and stratified tables in the analysis. She suggested that they use relative risk as a

measure of the strength of associations along with 95% confidence intervals to provide statistical significance testing, and that they analyze each population group separately so that they could compare findings among them. The goal of the analysis is to learn which groups showed the most effect from the interventions put in place, and for which items.

The Bolivian contractor was unfamiliar with this mode of analysis, and although they were using SPSS, which has all the statistical measures, she provided considerable teaching and guidance using these measures. She reviewed and critiqued the report that was written. Problems were uncovered by everyone with some of the items on the questionnaire and with skipping patterns in the original questionnaire. It has been decided to treat this exercise as more of a pilot test for the Final Impact Study.

*Final Impact Study:* She provided technical assistance for decisions about the sampling methods and the sample size to be used in the final study. There was a considerable amount of e-mail communication in making this decision. She provided a number of sample size scenarios along with costs. Using this information along with knowledge of the ultimate objectives for this study, a final decision was made in Sept. They also had a number of discussions about the appropriate population groups to study and some changes were made from the first study.

Anemia portion of the questionnaire: Technical appraisal of the 11 anemia-related questions resulted in the decision to augment the findings from the final impact study. A small (approximately 100 respondents) in-depth study will be designed to look at pregnant and recently delivered women's experience with iron supplement availability, distribution, counseling, and education through the community as well as in health posts and hospitals.

#### **4. PERFORMANCE HIGHLIGHTS**

##### *Country Programs:*

- MotherCare/Guatemala held a three-day final meeting to disseminate the results from the past six years of programming. Representatives from USAID Washington, Guatemala, and Nicaragua were present as were personnel from the levels of the MOH, NGOs and JHPIEGO. A press release summarizing the results was sent to hundreds of individuals in the international community
- MotherCare/Bolivia began the rebroadcast of the radio soap opera, spots for husbands, songs and soap opera publicity spots in three languages on five stations.
- MotherCare/Bolivia is helping the MOH write and review the National Strategy of the Maternal/Neonatal Package and provided technical assistance to the Bolivian Health Reform Unit and the National Program for the Control of Micronutrients.
- The Maternal and Perinatal Death Audit activities conducted by MotherCare/Indonesia will be continued by the MOH after the projects termination.
- MotherCare/Indonesia conducted a second survey of 485 Bidan Di Desa to determine when they

started as a BdD, what their status is in the MOH system and the services they provide. The results are being analyzed and compared to the first survey

- Thirty-two of 77 contract deliverables have been completed. Please see attached Appendix 1.

***Applied and Operations Research:***

- The majority of the reports is complete and awaits only publication.

***World-wide Policy:***

- The IEC Coordinator, Veronica Kaune, was invited and presented at the 16<sup>th</sup> Latin American Meeting of the Association of Human Reproduction Researchers.
- MotherCare/Bolivia participated and presented at the XII Latinamerican Congress of STDs and the VI Panamerican Conference for AIDS

***Information Dissemination:***

- Over 175 documents were requested and mailed from the Washington, DC office.
- Approximately 3900 copies of MotherCare Matters were distributed.

## **5. STATEMENT OF WORK**

There have been no changes that require a modification to the scope of work

## **B. ADMINISTRATIVE INFORMATION**

See Appendix 2

## Annex I

## MotherCare III Contract Deliverables

Table-1 Long-Term Country Programs					
Product No.	Country	Title	Responsible Staff	Date Expected	Status
1.	Bolivia	Completion reports of long term intensive country programs	Guillermo Seoane <b>Colleen Conroy</b> Leslie Elder Carla Chladek	9/01/00	Not started
2.	Guatemala	Completion reports of long term intensive country programs	Elizabeth Bocaletti <b>Colleen Conroy</b> Leslie Elder Carla Chladek	9/01/99	Done
3.	Indonesia	Completion reports of long term intensive country programs	Endang Achadi <b>Jeanne McDermott</b> Leslie Elder Carla Chladek	9/01/00	Not started
4.	Bolivia	Country Workplan (annually)	Guillermo Seoane <b>Colleen Conroy</b>	4/01/99	Done
5.	Guatemala	Country Workplan (annually)	Elizabeth Bocaletti <b>Colleen Conroy</b>	4/01/99	Done
6.	Indonesia	Country Workplan (annually)	Endang Achadi <b>Jeanne McDermott</b>	4/01/99	Done
7.	US	Community Diagnosis Model Tool and Guide for Analysis—for programmers	<b>Anjou Parekh</b>	4/01/99	Done
8.	Bolivia	Final Community Diagnosis Report -- for general audience (Spanish)	Veronica Kaune <b>Colleen Conroy</b>	4/01/99	Done
9.	Indonesia	Final Community Diagnosis Report -- for general audience (English)	Lara Zizic <b>Jeanne McDermott</b>	4/01/99	Done
10.	Bolivia	Final baseline and maternal and post maternal and neonatal health survey report	Guillermo Seoane <b>Colleen Conroy</b> Leslie Elder	12/01/99	Deleted *
11.	Indonesia	Final baseline survey and maternal and neonatal health report—technical papers*	<b>Jeanne McDermott</b> Tom Marshall	3/31/00	Baseline survey-Done Post survey-In progress
12.	US	Prototype curriculum for postpartum and new born care (Healthy Mother/Healthy Newborn) for trainers	ACNM <b>Jeanne McDermott</b>	4/01/99	Done
13.	US	Final manual for policy-makers and trainers (Life Saving Skills Training Program Process)	<b>Jeanne McDermott</b>	4/01/99	Done
14.	Bolivia	Prototype registers/client records for maternal/newborn care at district level--for programmers	Guillermo Seoane <b>Jeanne McDermott</b> Patsy Bailey	4/01/99	Done

\* Changes were made in Contract Modification 01 dated January 29, 1999.

\*\* Suggest that these be covered in one maternal health programming guidelines document

\*\*\* Proposed title changes

-Any individual stated in **Bold** type is considered to be the local point of contact for the stated item

-Not started: The item stated has not yet begun, but will begin shortly

-In progress: The item stated is still in draft form or is a continuous item (e.g. seminars, meetings, etc.) which will not be fully complete until number complete is equal to contract requirements

-Done: The item stated is in its final form and ready for distribution according to contract requirements

**Table-1**  
**Long-Term Country Programs**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
15.	Guatemala	Prototype registers/client records for maternal/newborn care at district level-for programmers	Elizabeth Bocaletti Patsy Bailey <b>Jeanne McDermott</b>	4/01/99	Done
16.	Indonesia	Prototype registers/client records for maternal/newborn care at district level-for programmers	Endang Achadi Carine Ronsmans <b>Jeanne McDermott</b>	4/01/99	Done
17.	US	Anemia Prevention and control package—for programmers**	<b>Leslie Elder</b>	9/1/00	In progress
18.	Bolivia	Report of cost to municipalities of Safe Motherhood interventions-general audience	Guillermo Seoane <b>Colleen Conroy</b> Eva Weissman	2/01/00	In progress
19.	Bolivia	Cost effectiveness analysis of anemia interventions – technical paper ***	Eva Weissman Juan Carlos <b>Leslie Elder</b>	2/01/00	In progress
20.	Indonesia	Cost effectiveness studies of MotherCare interventions – technical paper ***	Endang Achadi <b>Jeanne McDermott</b> Julia Fox-Rushby	3/01/00	In progress
21.	Bolivia	Report on progress of safe motherhood program for publication *	Guillermo Seoane <b>Colleen Conroy</b> Marge Koblinsky Leslie Elder Jeanne McDermott	3/01/00	Not started
22.	Guatemala	Report on progress of safe motherhood program for publication *	Elizabeth Bocaletti <b>Colleen Conroy</b> Marge Koblinsky Leslie Elder Jeanne McDermott	3/01/00	In progress
23.	Indonesia	Report on progress of safe motherhood program for publication *	Endang Achadi Carine Ronsmans Marge Koblinsky Leslie Elder <b>Jeanne McDermott</b>	3/30/00	Not started
24.	Egypt	Long-term, less-intensive country programs Completion Report	Ali Mageid <b>Colleen Conroy</b>	4/01/99	Done
25.	Pakistan	Long-term, less-intensive country programs Completion Report	<b>Nazo Kureshy</b> Carla Chladek	4/01/99	Done
26.	Honduras	Long-term, less-intensive country programs Completion Report	Leslie Elder <b>Colleen Conroy</b>	4/01/99	Done
27.	Benin	Long-term, less-intensive country programs Completion Report	Sourou Gbangbade <b>Colleen Conroy</b> Jeanne McDermott	6/01/00	In progress
28.	Eritrea	Long-term, less-intensive country programs Completion Report	Nueys Kidane <b>Colleen Conroy</b>	4/01/99	Done
29.	Guinea	Long-term, less-intensive country programs Completion Report	CPTFAFE – Kouyate <b>Colleen Conroy</b>	4/01/99	Done
30.	Malawi	Long-term, less-intensive country programs Completion Report	Dorothy Namate <b>Leslie Elder</b>	4/01/99	Done

**Table-1**  
**Long-Term Country Programs**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
31.	LAC Initiative	Long-term, less-intensive country programs Completion Report	Gonzalo Fernandez Marco Casto <b>Colleen Conroy</b>	6/01/00	In progress
32.	Africa Initiative	Long-term, less-intensive country programs Completion Report	Joe Taylor, Pius Okong, Ann Phoya Jeanne McDermott <b>Colleen Conroy</b>	4/01/99	Done
33.	US	Final Reports of results from each targeted country program -- for general audience	<b>Marge Koblinsky</b> Claudia Morrissey	9/28/00	In progress

**Table -2**  
**Applied and Operations Research**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
34.	Thailand	Effect of a streamlined vs. traditional approach to antenatal care (technical paper)	Khon Kaen Univ., Thailand and WHO; Piskake Lumbiganon, <b>Jeanne McDermott</b>	9/01/00	In progress
35.	Ghana	Feasibility of provision of postabortion care by non-physician providers – to be prepared and submitted for scientific publication	IPAS <b>Jeanne McDermott</b>	10/1/99	Done
36.	Uganda	Effect of mass, population-based STD treatment of pregnant women on pregnancy outcomes	Ron Grey, JHU <b>Marge Koblinsky</b>	6/01/00	In progress
37.	Uganda	Adolescents' perceptions and practices concerning sexuality and health seeking behavior— to be prepared and submitted for scientific publication	Pacific Institute for Women's Health <b>Marge Koblinsky</b>	6/01/00	In progress
38.	Indonesia	Effect of low-dose Vitamin A supplementation for pregnant women on pregnancy outcome—to be prepared and submitted for scientific publication	Gadjah Mada Univ., Indonesia; PI: Michael Dibley <b>Leslie Elder</b>	2/01/00	In progress
39.	Peru	Effect of educational intervention to improve dietary intake in adolescents and women with community kitchens in Lima, Peru—to be prepared and submitted for scientific publication *	Instituto de Investigacion Nutricional (IIN) Peru, <b>Leslie Elder</b>	10/1/99	Done
40.	Peru	Efficacy and acceptability of two iron supplementation schedules in school adolescent girls in Lima, Peru — Submitted for scientific publication ***	Instituto de Investigacion Nutricional (IIN) and JHU; PI: <b>Leslie Elder</b>	10/1/99	Done
41.	Indonesia	Effect of TBA distribution of iron tablets on tablet consumption and hemoglobin levels –technical paper	Project Concern Intl, MC/Washington, <b>Leslie Elder</b>	10/1/99	Done

**Table –2  
Applied and Operations Research**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
42.	Pakistan	Unsafe abortion practices – to be prepared and submitted for scientific publication	Aga Khan Univ. (Fariyal Fikree & Sara Jamil) <b>Nazo Kureshy</b>	6/01/00	In progress
43.	Pakistan	Description of training and outreach to pregnant women in an urban Muslim setting on pregnancy outcome – Technical report ***	Aga Khan Univ. (Fariyal Fikree) <b>Nazo Kureshy</b>	10/1/99	Done
44.	Pakistan	Training, behavior change/communications intervention, and linkages with the formal health system in a community setting – Technical paper	Farid Midhet <b>Nazo Kureshy</b>	10/1/99	Done
45.	US	Attitudes and behaviors of women about anemia and taking iron supplements (Malawi, India, Indonesia, Bolivia, Guatemala, Honduras)—for scientific publication	<b>Leslie Elder</b> Rae Galloway Erin Dusch	9/01/00	In progress
46.	Bolivia	Final anemia qualitative and quantitative research study reports– for general audience	Juan Carlos <b>Leslie Elder</b>	3/01/00	Not started
47.	Guatemala	Final anemia qualitative and quantitative research study reports– for general audience	Elena Hurtado <b>Leslie Elder</b>	3/01/00	In progress
48.	Indonesia	Final anemia qualitative and quantitative research study reports– for general audience	Endang Achadi <b>Leslie Elder</b>	3/01/00	Not started
49.	Egypt	Selected issues in pre-natal care based on data collected for the perinatal/neonatal mortality project in Minia and Qaliubia, Egypt***	Ray Langsten <b>Colleen Conroy</b>	9/01/00	Done
50.	Guatemala	Final report of perinatal quantitative and qualitative research-- to be prepared and submitted for scientific publication	Elizabeth Bocaletti <b>Jeanne McDermott</b> Patsy Bailey	4/30/00	In progress
51.	Honduras	Final report of perinatal quantitative and qualitative research-- to be prepared and submitted for scientific publication	Ada Rivera <b>Colleen Conroy</b>	9/30/00	Done
52.	US	Perinatal Mortality in Developing Countries: A review of the current literature and methodological issues in community-based assessment— Technical paper ***	<b>Donna Espuet</b> Jeanne McDermott	9/1/99	Done

**Table- 3  
World-Wide Policy**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
53.	US	Summaries of interviews and focus groups about content and format of final MotherCare products for programmers and general audience	Measure III <b>Marge Koblinsky</b>	4/1/99	Done
54.	US	Framework for improvement of quality of care (antenatal, safe delivery, essential obstetric, postpartum, newborn care)**	<b>Jeanne McDermott</b> Colleen Conroy	9/28/00	In progress
55.	US	Pocket handbook for management of obstetric emergencies and normal pregnancy, labor, birth, postpartum and new born care in resource-poor settings	<b>Jeanne McDermott</b> Colleen Conroy	9/28/00	In progress
56.	US	Framework for increasing demand for services for antenatal care, safe delivery, postpartum/newborn care and treatment of complications**	Veronica Kaune <b>Colleen Conroy</b>	9/28/00	In progress
57.	US	Common communication messages for safe birth and the healthy women and newborn	<b>Nazo Kureshy</b>	2/01/00	In progress
58.	US	Framework for improving the policy environment for Safe Motherhood and reproductive health **	Colleen Conroy <b>Marge Koblinsky</b>	9/28/00	In progress
59.	US	Recommendations for national anemia reduction programs, with emphasis on distribution and compliance**	<b>Leslie Elder</b>	9/28/00	In progress
60.	US	Safe Motherhood Indicators – Lessons from the Field, MotherCare Matters 8.1 ***	<b>Marge Koblinsky</b> Jeanne McDermott Leslie Elder	9/28/00	Done
61.	US	Lessons learned document for donors, programmers **	Colleen Conroy <b>Marge Koblinsky</b> Leslie Elder Jeanne McDermott	9/28/00	In progress
62.	US	Lessons learned document for researchers **	Colleen Conroy <b>Marge Koblinsky</b> Leslie Elder Jeanne McDermott	9/28/00	In progress
63.	US	Slide/Powerpoint presentation describing the problems of maternal and neonatal mortality and morbidity and lessons learned, "best practices", and programming priorities **	Colleen Conroy <b>Marge Koblinsky</b> Leslie Elder Jeanne McDermott Measure III	9/28/00	In progress
64.	US	Setting priorities for programming and identifying appropriate packages of services in Safe Motherhood and reproductive health—guidance document for programmers **	Colleen Conroy <b>Marge Koblinsky</b> Leslie Elder Jeanne McDermott	9/28/00	In progress

**Table 4  
Information Dissemination**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Expected</b>	<b>Status</b>
65.	US	Six seminars for USAID Washington and cooperating agency staff <sup>1</sup>	Suzanne Jessop <b>Marge Koblinsky</b>	9/28/00	In progress
66.	US	Eight seminars for USAID mission staff, MotherCare country personnel, other donors and interested parties in MotherCare long-term countries <sup>2</sup>	Guillermo Seoane Endang Achadi Elizabeth Bocaletti <b>Marge Koblinsky</b>	9/28/00	Done
67.	US	Six presentation at major national/international meetings <sup>3</sup>	<b>Marge Koblinsky</b>	9/28/00	Done
68.	US	Three presentations or seminars for donors <sup>4</sup>	<b>Marge Koblinsky</b>	9/28/00	In progress
69.	US	Closing international seminar/workshop in a developing country to present USAID/MotherCare contributions to the field of maternal and neonatal health	<b>Marge Koblinsky</b>	9/28/00	Not started
70.	US	Regional meeting to report on MotherCare program experience	<b>Marge Koblinsky</b>	9/28/00	In progress
71.	US	Summary meeting in Washington DC, for USAID and partners to present research outcomes and summarize lessons learned in MotherCare programs and the state-of-the-art in Safe Motherhood	<b>Marge Koblinsky</b>	9/28/00	Not started
72.	US	Frameworks, communication messages, lessons learned, programming priorities document, and research findings summary sent to all USAID missions, UN multilateral agencies, major bilateral donors, major international NGO/PVO umbrellas,(cont'd in description)	<b>Marge Koblinsky</b>	9/28/00	In progress
73.	US	Provision of all requested materials, site visit preparation, and availability for interview for external final evaluation of MotherCare, as requested	<b>Carla Chladek</b>	9/28/00	In progress

<sup>1</sup> "Making motherhood safe: An integrated approach to improving maternal health care in South Kalimantan, Indonesia," 3/18/99 and "Health system research for anemia control in pregnancy in India," 4/22/99 held thus far.

<sup>2</sup> Three held in Bolivia, three held in Guatemala, and three held in Indonesia

<sup>3</sup> One in Mexico (Unicef) (1/99), Three at APHA (11/99), Two at NCIH (6/99), and One in Kenya (1/99), Two at CORE in DC (5/99), Two at JHU Perinatal meeting, Four at FASEB (4/99)

<sup>4</sup> One in Mexico (Unicef) (1/99)

**Table 5  
Overall Project Deliverables**

<b>Product No.</b>	<b>Country</b>	<b>Title</b>	<b>Responsible Staff</b>	<b>Date Due</b>	<b>Status</b>
74.	US	Monthly Financial Reports	<b>Margaret McGunnigle</b>	Monthly	In progress
75.	US	Quarterly report of progress on contract tasks and performance requirements *	<b>Marge Koblinsky</b>	Quarterly	In progress
76.	US	Annual Work-plan	<b>Marge Koblinsky</b>	Annually	First workplan completed
77.	US	Annual report of PHN indicators and narrative results (for inclusion in G/PHN Results Reporting and Resource Request Report--R4)	<b>Marge Koblinsky</b>	Annually	In progress

**MotherCare III**  
**CONTRACT NO: HRN-C-00-98-00050-00**

**MANAGEMENT INFORMATION REPORT**

**July 1 - September 30, 1999**

**1. Current and Projected Level of Effort: Not Applicable (Not a Level of Effort Contract)**

**2. Financial Status by Funding Source:**

	Amount Obligated	Expended thru 9/29/98-6/30/99	Expended thru 7/1/99-9/30/99	Balance
1) REQ #986; ORG#10302 CENTRAL (SO2 - BMNH/MCIII/Completion)	2,400,000.00	1,157,924.85	1,507,994.42	892,005.58
2) REQ #986; ORG#10302 FIELD SUPPORT - Guatemala (FS98-PHN-LAC-CSD-NOA (HLTH)	374,000.00	170,987.53	302,527.34	71,472.66
3) REQ #986; ORG#10302 FIELD SUPPORT - Indonesia (FS98-PHN-ANE-CSD-NOA-HEA)	300,000.00	135,248.59	214,984.18	85,015.82
4) REQ #1974; ORG#10302 CENTRAL (SO2 - BMNH/MCIII/Completion)	178,000.00	0.00	0.00	178,000.00
5) REQ #2141; ORG#10302 FIELD SUPPORT - Bolivia (FS98-POP-LAC-DA-NOA)	175,000.00	0.00	175,000.00	0.00
<b>TOTAL MOTHERCARE III</b>	<b>3,427,000.00</b>	<b>1,464,160.97</b>	<b>2,200,505.94</b>	<b>\$1,226,494.06</b>

**ADMINISTRATIVE INFORMATION**

Contract Data:

Contract No. HRN--C-00-98-00050-00

Total level of effort: Not Applicable (Not a Level of Effort Contract)  
 Total Estimated Cost: \$4,800,000

- 1. Level of effort : n/a
- 2. Cumulative Level of Effort: n/a
- 3. Unused Level of Effort: n/a
- 4. Cumulative Expenditure to Date: \$2,200,506
- 5. Remaining unexpended balance: \$1,226,494