

**Rational Pharmaceutical Management Plus
Trip Report to Provide Technical Assistance to Support Program
Implementation for the President's Emergency Plan for AIDS Relief in
Zambia, Kenya, and Ethiopia: November 14 to December 4, 2004**

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About RPM Plus

The Rational Pharmaceutical Management Plus (RPM Plus) Program, funded by the U.S. Agency for International Development (cooperative agreement HRN-A-00-00-00016-00), works in more than 20 developing countries to provide technical assistance to strengthen drug and health commodity management systems. The program offers technical guidance and assists in strategy development and program implementation both in improving the availability of health commodities—pharmaceuticals, vaccines, supplies, and basic medical equipment—of assured quality for maternal and child health, HIV/AIDS, infectious diseases, and family planning and in promoting the appropriate use of health commodities in the public and private sectors.

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ACRONYMS

ADR	adverse drug reaction
AIDS	acquired immunodeficiency syndrome
AMR	antimicrobial resistance
ART	antiretroviral therapy
ARV	antiretroviral [drugs]
CBoH	Central Board of Health
CDC	United States Centers for Disease Control and Prevention
CPGH	Coast Provincial General Hospital
DACA	Drug Administration and Control Authority [Ethiopia]
ETAEP	Ethiopia HIV/AIDS Emergency Plan
FHI	Family Health International
HIV	human immunodeficiency virus
JSI	John Snow Incorporated
IMPACT	Implementing AIDS Prevention and Care Project [FHI]
MEDS	Mission for Essential Drugs and Supplies [Kenya]
MIS	management information system
MOH	Ministry of Health
MSH	Management Sciences for Health
NASCOP	National AIDS and Sexually Transmitted Diseases Control Programme [Kenya]
PEP	[HIV] post-exposure prophylaxis
PMTCT	prevention of mother to child transmission [of HIV]
RPM Plus	Rational Pharmaceutical Management Plus [Program]
SOP	standard operating procedure
USAID	United States Agency for International Development
UTH	University Teaching Hospital [Lusaka, Zambia]
VCT	voluntary counseling and testing [for HIV]
WHO	World Health Organisation
ZPCT	Zambia Prevention, Care and Treatment Partnership

BACKGROUND

Management Sciences for Health (MSH) Rational Pharmaceutical Management Plus (RPM Plus) Program has received funding from the United States Agency for International Development (USAID) under the United States President's Emergency Plan for AIDS Relief to provide technical assistance to strengthen the pharmaceutical management and laboratory services to support the expansion of access to antiretroviral drug therapy (ART) in Zambia, Kenya and Ethiopia.

In Zambia, RPM Plus has received funds from USAID/Zambia under the Emergency Plan (track 1.5) to assist the Mission, Zambian counterparts and cooperating agencies to strengthen the pharmaceutical management and laboratory services to support the expansion of access to antiretroviral drug therapy in nine provincial hospitals. USAID is also providing field support to RPM Plus to strengthen and implement the pharmaceutical management system, specifically by working with the ART sites and the Central Board of Health (CBoH) to build capacity for pharmaceutical and laboratory management, including but not limited to forecasting, distribution channels and supply chains, and good dispensing and laboratory practices.

In Kenya, RPM Plus has received Track 1.5 funding from USAID's Kenya Mission under the Emergency Plan to strengthen pharmaceutical services in support of ART in selected sites including provincial general, district and mission hospitals, to support national coordination of antiretroviral drug treatment, and to provide initial support to Mission for Essential Drugs and Supplies (MEDS) for infrastructure strengthening and procurement of antiretroviral drugs (ARVs) and other ART-related essential commodities. RPM Plus has also received funding from the USAID to collaborate with Family Health International (FHI)/IMPACT and Population Council/Horizons to support the Government of Kenya and local partners to introduce ART into the existing health care system of four facilities in the Mombasa District of Kenya's Coast Province, as part of a comprehensive package of prevention, care and treatment.

In Ethiopia, RPM Plus is collaborating with USAID/Ethiopia in the provision of technical assistance in pharmaceutical, laboratory and related commodities management under the U.S. President's Mother to Child HIV Prevention Initiative and the Emergency Plan. RPM Plus is working with other USAID-funded partners in this program to develop national, regional, district, and health facility-level capacity for delivery and management of prevention of mother to child transmission (PMTCT)/ART products. Under this effort, RPM Plus will assist in ensuring access to, and rational use of basic PMTCT/ART-related products through various interventions including training, development of standard operating procedures (SOPs), upgrading of infrastructure and promoting improved commodities procurement, management and inventory control systems.

Purpose of Trip

Zambia

Hare Ram Bhattarai traveled to Lusaka, Zambia from November 14 to 22, 2004 to review ART management information systems (MIS) and Michael Gabra and Helena Walkowiak from November 16 to 22, 2004 to review training materials and SOPs developed for pharmacy ART services. They also visited hospital pharmacies to observe and comment on the ART services there. Michael Gabra also met with country office staff to discuss the planning and execution of activities in the RPM Plus work plan.

Kenya

Michael Gabra traveled to Nairobi, Kenya from November 22 to 24 and from November 30 to December 4, 2004 and Hare Ram Bhattarai and Helena Walkowiak from November 16 to December 4, 2004 to support the Kenyan National AIDS and Sexually Transmitted Diseases Control Programme (NASCO) in planning for a national training on commodity management for ART and to provide support to MEDS to strengthen the MIS for ART procurement and distribution. Michael Gabra also met with country office staff to discuss the RPM Plus work plan and staffing issues. In addition, Mr Bhattarai and Ms Walkowiak traveled to Mombasa to work with Mrs Jedida Wachira, Senior Program Associate, RPM Plus, Mombasa to provide ongoing technical assistance to the Mombasa sites to strengthen the pharmaceutical management system and laboratory services to support scale up the ART Program.

Ethiopia

Michael Gabra traveled to Addis Ababa, Ethiopia from November 24 to 30, 2004 to visit the MSH/RPM Plus office and meet with staff, and also to meet with MSH/RPM Plus partners and conduct quality control activities. He visited sites where the program is being implemented and reviewed PHARMID's distribution and inventory control plan for ARVs.

Scope of Work

Zambia

Scope of work for Hare Ram Bhattarai, Senior Program Associate, Helena Walkowiak, Senior Program Associate and Michael Gabra, Project Manager for Africa, RPM Plus November 14 to 22, 2004

1. Provide briefings and debriefings to USAID/Zambia Mission as requested.
2. Review the training materials for Pharmacy ART Services.
3. Review the Pharmacy SOPs developed for Zambia ART Services.
4. Review the Zambia ART Services Database pilot implementation status at health facilities.
5. Review and adapt the RPM Plus ART Support to CBoH.

6. Work with the Zambia RPM Plus and CBoH staff to finalize the training materials for adaptation into national curricula and work at sites to adapt the Zambia ART training curriculum modules.
7. Visit University Teaching Hospital (UTH) and Ndola Hospital pharmacies to plan implementation of SOPs.
8. Conduct meetings with country office staff for planning and execution of activities according to the work plan and budget.
9. Meet with MSH/RPM Plus partner organizations.
10. Advise on the strategic approach for the Zambia Prevention, Care and Treatment Partnership (ZPCT) support for pharmacy and laboratory services.
11. Discuss and review ZPCT work plans.

Kenya

Scope of work for Mr Michael Gabra, Project Manager for Africa, RPM Plus November 22 to 24 and November 30 to December 4, 2004

1. Review Kenya country Emergency Plan RPM Plus activities. Conduct a meeting with RPM Plus country office staff on planning and execution of activities according to the work plan and budget.
2. Discuss RPM Plus strategies for institutional and human capacity development for commodity management system strengthening with NASCOP and other stakeholders.
3. Meet and hold discussions with representatives from other initiatives providing HIV/AIDS commodities. Meet with MSH/RPM Plus partner organizations
4. Plan for policy level activities with Ministry of Health (MOH)/Department Of Services, National Quality Control Lab, and Pharmacy and Poisons Board.
5. Brief and/or debrief USAID/Kenya officials, as requested.

Scope of work for Helena Walkowiak, Senior Program Associate, RPM Plus November 22 to December 4, 2004

1. Work with NASCOP and local RPM Plus staff to plan for and develop a draft training program for a national training on commodity management for priority ART sites.
2. Work with Port Reitz District Hospital and Bomu Medical Centre to finalize the pharmaceutical SOPs following testing.

3. Work with Coast General Provincial Hospital (CPGH) to develop the SOPs for supply of drugs for post exposure prophylaxis (PEP) for testing. Finalize the set of SOPs for pharmaceutical management of the Government of Kenya-funded ARVs.
4. Work with Bomu Medical Centre to finalize the SOP for adverse drug reaction (ADR) monitoring and reporting. Operationalize ADR monitoring and reporting at Bomu Medical Centre. Follow up with CPGH and Bomu Medical Centre on problems with ADR forms and/or reporting. Assist in analysis of data.
5. Operationalize internal audit and weekly activity report at Port Reitz District Hospital and Bomu Medical Centre.
6. Finalize the quantification workbooks at CPGH, Port Reitz District Hospital and Bomu Medical Centre following testing
7. Brief and/or debrief USAID/Kenya officials, as requested

**Scope of work for Hare Ram Bhattarai, Senior Program Associate, RPM Plus
November 22 to December 2, 2004**

1. Follow-up with MEDS /Kenya on MIS design and implementation. This work is a continuation of the first assessment trip made in June 2004.
2. Install the Access-based database application at CPGH Pharmacy / Mombasa, and other Emergency Plan RPM Plus supported sites and train staff on data entry and report generation.
3. Demonstrate and discuss the database application with other RPM Plus colleagues and partners in or visiting Nairobi.
4. Brief and/or debrief stakeholders and USAID/Kenya on completed activities and next steps.

Ethiopia

**Scope of work for Mr Michael Gabra, Project Manager for Africa, RPM Plus
November 24 to 30, 2004**

1. Conduct a meeting with RPM Plus country office staff on planning and execution of activities according to the work plan and budget.
2. Meet with MSH/RPM Plus partner organizations.
3. Review the PHARMID ARV distribution and inventory control plan.
4. Assist the country office in ensuring adequate readiness in the smooth receipt, storage, distribution of the procured ARVs.
5. Brief and debrief USAID and United States Centers for Disease Control and Prevention (CDC) on current trip, as requested.

ACTIVITIES

Zambia - November 14 to 22, 2004

Hare Ram Bhattarai, Michael Gabra and Helena Walkowiak

1. Provide briefings and debriefings to USAID/Zambia Mission as requested.

On November 19, 2004, Mr Gabra, Mr Bhattarai and Ms. Walkowiak together with Dr Oliver Hazemba, Regional Technical Advisor met and debriefed Barbara Hughes, Deputy Director, Population Health and Nutrition Office, Lisa Luchsinger, Senior HIV/AIDS Technical Advisor and Abdi Mohamed, Senior Technical Advisor, Child Survival, Nutrition and Malaria, USAID/Zambia on RPM Plus activities during the visit. The RPM Plus team gave an update on capacity strengthening activities for both the pharmaceutical management systems and the laboratory services in support of ART roll out and plans for next steps. ARV procurement issues were also discussed. Mr Bhattarai outlined progress made so far and next steps for strengthening Zambia ART Services Database capacity for ART pharmaceutical information and patient care management services. Some of the information outputs from the system were also discussed.

2. Review Training Materials for Pharmacy ART Services

Ms Walkowiak worked with Ms Gail Bryan, Senior Advisor and Dr Hazemba to review the status of the training materials developed for pharmaceutical ART services and to plan for finalization and handover.

3. Review the Pharmacy SOPs developed for Zambia ART Services

Ms Walkowiak completed the final technical review of the *Standard Operating Procedures for Pharmaceutical Services in Support of the ART Programme, Zambia* document. The next step is to edit and hand over the document to MOH/CBoH.

4. Review the Zambia ART Services Database pilot implementation status at health facilities.

Mr Bhattarai visited UTH in Lusaka and Ndola Hospital where the ARV Dispensing Tool was under pilot testing. Both of the centers were found to be using the tool effectively. Some data inconsistencies were noted because of the data entry error. In general, the tool performed satisfactorily. Information of 1700 and 1400 patients were entered in the database at UTH and Ndola hospitals respectively. The problems identified during the pilot phase is documented which will be used while revising the tool.

5. Review and adapt RPM Plus ART Support to CBoH

Mr Gabra worked with Dr Hazemba to review and adapt the support currently provided by RPM Plus to CBoH in line with approved RPM Plus workplans.

- 6. Work with the Zambia RPM Plus and CBoH staff to finalize the training materials for adaptation into national curricula and work at sites to adapt the Zambia ART training curriculum modules*

Due to time constraints this activity was not completed.

- 7. Visit UTH and Ndola Hospital pharmacies to plan implementation of SOPs*

Dr Hazemba accompanied Ms Walkowiak and Mr Gabra on a visit to UTH hospital pharmacy to observe the ART services and to discuss implementation issues with key staff. Gaps and problems identified in discussions with the UTH staff included problems with supply of ARVs to the facility with the result that the facility had to slow down recruitment of new patients (RPM Plus staff observed that stock levels of several critical ARV products were precariously low); lack of storage space for scale up, and inadequate staffing levels which is impacting the time that staff had available to counsel patients. The RPM Plus team worked with staff to identify the range of activities that SOPs will need to be developed for. Unfortunately time was not available to visit Ndola Hospital.

- 8. Conduct meetings with country office staff for planning and execution of activities according to the work plan and budget*

Mr Gabra met with Dr Hazemba to discuss the status of ongoing activities in work plan and to plan activities for next six months of the program. In addition, Mr Gabra reviewed budgets, pipelines and inventory of deliverables.

- 9. Meet with MSH/RPM Plus partner organizations*

Mr Gabra met with staff at CBoH, the National Formulary Committee and the Antimicrobial Resistance (AMR) task force to discuss RPM Plus support and activities.

- 10. Advise on the strategic approach for ZPCT support for pharmacy and laboratory services*

Mr Gabra met with Ms Gail Bryan and other MSH staff who support implementation of activities to strengthen pharmacy and laboratory services under ZPCT. In addition, he met with ZPCT staff from FHI to discuss the memorandum of understanding, scope of work and budgets.

- 11. Discuss and review ZPCT work plans*

During meeting with ZPCT staff, Mr Gabra reviewed staffing needs. The need for provincial pharmacists to support implementation of ZPCT activities was identified.

12. Other Activities

Review of ZPCT site assessment tool for pharmaceutical services

Ms Walkowiak worked with Ms Bryan to review and finalise the pharmaceutical services assessment tool for the ZPCT site assessments planned for December 2004.

Kenya - November 22 to December 4, 2004

Mr Michael Gabra, November 22 to 24 and November 30 to December 4, 2004

1. *Review Kenya country Emergency Plan RPM Plus activities. Conduct a meeting with RPM Plus country office staff for planning and execution of activities according to the work plan and budget*

Mr Gabra held two meetings with Dr Michael Thuo, Regional Technical Advisor to review plans and progress of implementation of activities under the Kenya country Emergency Plan. The need for expansion of the Kenya RPM Plus office, including staffing and office space were discussed.

2. *Discuss RPM Plus strategies for institutional and human capacity development for commodity management system strengthening with NASCOP and other stakeholders*

Mr Gabra and Dr Thuo met with NASCOP to discuss RPM Plus support for development of a training curriculum for pharmaceutical ART services and ongoing collaboration.

3. *Meet and hold discussions with representatives from other initiatives providing HIV/AIDS commodities. Meet with MSH/RPM Plus partner organizations*

A meeting was held with John Snow Incorporated (JSI)/DELIVER project to discuss procurement and distribution of laboratory supplies and equipment.

4. *Plan for policy level activities with MOH/Department of Services, National Quality Control Lab, and Pharmacy and Poisons Board*

Due to time constraints this activity was not completed.

5. *Brief and/or debrief USAID/Kenya officials, as requested.*

Mr Gabra debriefed Dr John Wasonga/USAID Kenya by telephone on his activities during the visit.

Helena Walkowiak, November 22 to December 4, 2004

1. *Work with NASCOP and local RPM Plus staff to plan for and develop a draft training program for a national training on commodity management for priority ART sites.*

An initial meeting was held by Dr Thuo and Mr Gabra with NASCOP to plan for development of a training curriculum for pharmaceutical ART services and ongoing collaboration (see above). However, due to time constraints Ms Walkowiak was not able to meet with NASCOP to develop a draft training program on this trip.

2. *Work with Port Reitz District Hospital and Bomu Medical Centre to finalize the pharmaceutical SOPs following testing.*

Ms Walkowiak worked with Mrs Wachira and the staff from Bomu Medical Centre and Port Reitz District Hospital to review and finalise the pharmaceutical SOPs for USAID-funded drugs following testing. The next steps are to incorporate SOPs for Government of Kenya-funded ARVs, make final revisions and finally to edit and handover the SOPs to the sites.

3. *Work with CPGH to develop the SOPs for supply of drugs for PEP for testing. Finalize the set of SOPs for pharmaceutical management of the Government of Kenya-funded ARVs.*

At the request of the Scientific Committee, Ms Walkowiak and Mrs Wachira worked with CPGH staff to draft flow charts for the supply of drugs for PEP for testing. The flow charts were shared with CPGH clinical, laboratory and pharmacy staff for review at a meeting of the Eligibility Committee on November 25. Mapping out the flow of clients, products and services resulted in highlighting a number of gaps and issues that needed to be further discussed and addressed. Due to the absence of the Chairman of the CPGH Eligibility Committee and also several key clinicians, it was decided that CPGH would discuss the flow charts at the next Eligibility Committee meeting to resolve issues of concern. RPM Plus will assist CPGH in finalizing the flowcharts and SOPs once the PEP procedures have been clarified.

Ms Walkowiak worked with CPGH to finalise the SOPs for Government of Kenya-funded ARVs. The pharmaceutical SOPs will now be revised to incorporate comments, edited and then handed over to the site. The CPGH SOPs will also be handed over to NASCOP for planning on how to roll out this activity under the Emergency Plan to all ART dispensing sites.

4. *Work with Bomu Medical Centre to finalize the SOP for ADR monitoring and reporting. Operationalize ADR monitoring and reporting at Bomu Medical Centre. Follow up with CPGH and Bomu Medical Centre on problems with ADR forms and/or reporting. Assist in analysis of data.*

Two meetings were held with Bomu Medical Centre staff to operationalize ADR monitoring and reporting. Ms Walkowiak met with clinical, nursing, laboratory and pharmacy staff to review staff roles in monitoring and reporting ADRs and on December 1, roles were agreed and next steps mapped out for holding a training session on ADRs. Unfortunately Ms Walkowiak was

unable to follow up on problems with reporting ADRs at CPGH as key staff were not available. Data was not available to allow Ms Walkowiak to assist in analysis of aggregated ADR data. This activity will be followed up by Nairobi-based RPM Plus staff member, Mrs Josephine Maundu, as part of Emergency Plan support to ART dispensing sites.

5. Operationalize internal audit and weekly activity report at Port Reitz District Hospital and Bomu Medical Centre

Ms Walkowiak held initial discussions with Bomu Medical Centre and Port Reitz District Hospital on the concepts of activity reporting and quality monitoring. The sites were in agreement and the next steps are to share tools developed for CPGH and discuss membership of the audit committee. For next steps, Mrs Wachira will work with the sites to review and update the CPGH tools.

6. Finalize the quantification workbooks at CPGH, Port Reitz District Hospital and Bomu Medical Centre following testing

Ms Walkowiak worked with Mrs Wachira and Dr Caroline Olwande, the pharmacist in charge of the ART programme at CPGH to review the quantification tools workbooks following the first test. The tool had worked well, and the methodology was clear – next steps are to revise the tool to include full instructions, add data collection tables, and provide copies to all sites for testing at the end of December. The tools will then be finalized based on testing and handed over to the sites. In addition the books will be shared with NASCOP through the Nairobi RPM Plus office.

7. Brief and/or debrief USAID/Kenya officials, as requested

On December 3, 2004, Ms. Walkowiak met and debriefed Dr. John Wasonga and Dr Bedan Gichanga, USAID/Kenya on RPM Plus activities during the visit. Ms Walkowiak gave an update on capacity strengthening activities for both the pharmaceutical management systems and the laboratory services in support of ART roll out at the four sites in Mombasa and plans for next steps to finish up activities and disseminate lessons learned and findings. Ms Walkowiak also used briefing notes prepared by Mr Bhattarai (attached as Annex 1) to debrief Dr Wasonga and Dr Gichanga on MIS strengthening activities carried out by Mr Bhattarai during his visit. Finally Ms Walkowiak provided an update of RPM Plus activities planned and recently implemented under the leadership of Dr Thuo in support of the Emergency Plan.

8. Meet with other key stakeholders, and local partners within the Kenyan Government, MOH, other cooperating agencies and partners to inform implementation of the Mombasa ART Program, as appropriate

Meeting with FHI/IMPACT to discuss ARV Procurement Issues on December 3, 2004

Ms Walkowiak met with FHI consultant Mr Darsi Lotay to discuss procurement issues with a particular focus on forecasting of needs. Ms Walkowiak assisted CPGH Pharmacy to quantify requirements for the eighth order to be placed using USAID funding since the start up of the program and also provided assistance to Bomu Medical Centre to set up procedures and forms to

order directly from FHI. Ms Walkowiak prepared and sent to FHI the ARV forecasts for the Mombasa sites for 2005.

Hare Ram Bhattarai, November 22 to December 2, 2004

- 1. Follow-up with MEDS /Kenya on MIS design and implementation. This work is a continuation of the first assessment trip made in June 2004.*

Mr Bhattarai followed up with MEDS on the status of list of activities identified during his last visit in June 2004. MEDS has completed some of the agreed activities and some are still in progress. As agreed, MEDS staff have identified information needed to monitor their order processing and other commodity management issues. MEDS will compile the information and send it to Mr Bhattarai for review and advice. A report will be prepared to capture the proceeding of the meeting.

- 2. Install the Access-based database application at CPGH Pharmacy / Mombasa, and other Emergency Plan RPM Plus supported sites and train staff on data entry and report generation*

The computer-based tool was installed by Mr Bhattarai at CPGH to facilitate better monitoring of drug intake and generation of reports on the patient intake, stock on hand, drug consumption, and drug adherence. The tool needs all patient records to be inputted before it becomes functional. It is expected that the data entry will be completed by the end of December 2004 and the system will be functional starting January 2005.

Josephine Maundu, Senior Program Associate, RPM Plus worked with Mr Bhattarai in Mombasa to install the tool and is now fully familiarized with the tool. She will be providing in-country support while Mr Bhattarai will co-ordinate with RPM Plus Kenya office remotely.

Mr Bhattarai also discussed and demonstrated the tool to clinical, pharmacy and information technology staff at Bomu Medical Centre. A copy of the tool was provided to them for their evaluation. It was agreed that if they decide to use the tool, RPM Plus will provide necessary the technical assistance to install and operationalize it.

- 3. Demonstrate and discuss the application with other RPM Plus colleagues and partners in or visiting Nairobi*

Mr Bhattarai discussed and demonstrated the computer-based tool for ARV dispensing and tracking commodity movement to RPM Plus colleagues based at the Nairobi office. It was decided that RPM Plus Kenya office will assess the requirements of the ART service sites and, if appropriate, will provide technical assistance to the sites to install and operationalize the tool.

4. Brief and/or debrief stakeholders and USAID/Kenya on completed activities and next steps

Mr Hare Ram prepared briefing notes for Ms Walkowiak to discuss in her debriefing of USAID/Kenya Mission on December 2, 2004. The briefing notes are attached as Annex 1.

Ethiopia - November 24 to 30, 2004

Mr Michael Gabra

1. Conduct a meeting with country office staff for planning and execution of activities according to the work plan and budget

Mr Gabra met with Mr Gabriel Daniel, Senior Program Associate and RPM Plus Ethiopia office staff to discuss the status of ongoing activities in work plan and to plan activities for next six months of the program.

2. Meet with MSH/RPM Plus partner organizations

Meetings were held with the Ministry of Health, the Ethiopian Drug Administration and Control Authority (DACA), and the Ethiopia HIV/AIDS Emergency Plan (ETAEP) coordinator.

3. Review the PHARMID ARV distribution and inventory control plan

Mr Gabra worked with Mr Daniel and the Ethiopia RPM Plus office staff to review the ARV distribution and inventory control plan with PHARMID. Mr Gabra discussed the reporting requirements from PHARMID, RPM Plus access to information held by PHARMID, handling fees and ongoing collaboration with RPM Plus including using the regional branches of PHARMID as potential regional offices for RPM Plus.

4. Assist the country office in ensuring adequate readiness in the smooth receipt, storage, distribution of the procured ARVs.

Mr Gabra worked with the in-country team to identify MIS requirements to monitor and manage the procurement and importation of ARVs, prepare checklists for documentation requirements and to set up systems for timely importation and release of ARVs from customs.

5. Brief and debrief USAID/CDC on current trip as requested

Mr Gabra met and debriefed Holly Flutty and Dr Omer Ahmed, USAID/Ethiopia on RPM Plus activities during the visit. Mr Gabra also took the opportunity to debrief CDC staff encountered in the field during his visit.

Collaborators and Partners

Zambia

USAID

Barbara Hughes, Deputy Director, Population Health and Nutrition Office, USAID

Lisa Luchsinger, Senior HIV/AIDS Technical Advisor USAID

Abdi Mohamed, Senior Technical Advisor, Child Survival, Nutrition and Malaria, USAID

UTH staff

Kenya

USAID

John Wasonga, USAID/Kenya

Bedan Gichanga, USAID/Kenya

FHI/IMPACT

Darsi Lotay, FHI consultant

Mombasa Site staff

CPGH Management and ART Implementation Team

Port Reitz District Hospital Management and ART Implementation Team

Bomu Medical Centre Management and ART Implementation Team

Magongo Municipal Clinic ART Implementation Team

Ethiopia

USAID

Holley Flutty

Dr Omer Ahmed

Adjustments to Planned Activities and/or Additional Activities

Zambia

- Work with the Zambia RPM Plus and CBoH staff to finalize the training materials for adaptation into national curricula and work at sites to adapt the Zambia ART training curriculum modules
 - Due to time constraints this activity was not completed.

Kenya

- **Plan for policy level activities with MOH/Department of Services, National Quality Control Lab, and Pharmacy and Poisons Board**
 - Due to time constraints this activity was not completed.

- **Work with NASCOP and local RPM Plus staff to plan for and develop a draft training program for a national training on commodity management for priority ART sites**
 - An initial meeting was held with Dr Thuo and Mr Gabra with NASCOP to plan for development of a training curriculum for pharmaceutical ART services and ongoing collaboration. However, due to time constraints Ms Walkowiak was not able to meet with NASCOP to develop a draft training program on this trip.

- **WHO/ Global Fund Procurement and Supply Management Meeting - Nairobi, December 2 – 4, 2004**
 - Mr Gabra and Ms Walkowiak joined other representatives from RPM Plus to participate in the first three days of this seven day workshop to assist countries to prepare and/or finalise the Procurement and Supply Management plans for Global Fund applications for HIV/AIDS programs. An outline of the meeting is attached as Annex 2.

NEXT STEPS

Zambia

1. RPM Plus DC staff will continue to support the RPM Plus Zambia office staff to complete RPM Plus activities agreed under the work plan. In addition the team will work closely with ZPCT staff to coordinate a seamless transfer of strategies and activities.
2. The ART dispensing tool will be revised based on the pilot experiences and upgraded to next version with appropriate training.
3. The current voluntary counseling and testing (VCT) MIS system is being revised to include the PMTCT data requirements. RPM Plus will provide technical support to complete this activity.

Kenya

1. RPM Plus will work in collaboration with USAID/Office of HIV/AIDS, USAID/Kenya, partner cooperating agencies, the local government and local partners, to provide technical assistance to finish up activities to strengthen the pharmaceutical management system and the laboratory services at the Mombasa sites - CPGH, Port Reitz District Hospital, Bomu Medical Centre - to support the introduction of ART as agreed in the implementation plans. The final activities of the Mombasa ART Program including documentation of lessons learned, dissemination of tools and experiences, are planned to be completed in early 2006. Follow on activities to support the Mombasa sites will be incorporated into the overall planning process for RPM Plus support to ART dispensing sites under the Emergency Plan.
2. RPM Plus support to MEDS will be continued in the areas identified and documented during the visit

Ethiopia

1. In procurement, the next steps include renegotiating the fees charged by PHARMID, quantifying and planning for next procurement of ARVs.
2. RPM Plus will explore the possibility of establishing RPM Plus provincial pharmacists; the first step will be to prepare job descriptions.
3. RPM Plus will also develop a job description for new MIS staff needed to support the RPM Plus office.

ANNEX 1.

Brief notes on the work done by Hare Ram Bhattarai during 21 Nov-1st December 2004 in Kenya

1. Followed up with MEDS on the status of list of activities identified during my last visit. MEDS has completed some of them and some are still under progress. As agreed MEDS have identified information needed to monitor their order processing and other commodity management issues. They said they will compile it and send it to me for review and advice. A report will be prepared to capture the proceeding of the meeting.
2. Discussed and demonstrated the computer based tool for ARV dispensing and tracking commodity movement to RPM Plus/Nairobi colleagues. It was decided that RPM Plus/Kenya will assess the requirements of the service sites and if appropriate will provide technical assistance to install and operationalize the tool.
3. Installed a computer based tool at CPGH to facilitate better monitoring of drug intake and generating reports on the patients intake, stock on hand, drug consumption, drug adherence etc. The tool needs all patient records to be inputted before it becomes functional. It is expected that the data entry will be completed by the end of December and the system will be functional starting January.

Josephine Maundu who worked with me in Mombasa to install the tool is now fully familiarized with the tool and will be providing in-country support while I will co-ordinate with RPM Plus office remotely.

4. Discussed and demonstrated the tool to Bomu Medical Centre. A copy of the tool is provided for their evaluation. It is agreed that if they decide to use the tool RPM Plus will provide necessary technical assistance to install and operationalize it.

ANNEX 2. LIST OF SESSIONS AND TOPICS TO BE COVERED DURING THE WORKSHOP

PROCUREMENT AND SUPPLY MANAGEMENT MEETING Nairobi, 2-9 December 2004

LIST OF SESSIONS & TOPICS	Proposed Agency to prepare and make the presentation	Proposed background publications, materials, slides, etc. (to be completed or amended by the preparer of the topic)
<p>Session I: Day 1 : Thursday, Dec 2</p> <ul style="list-style-type: none"> • Opening remarks • Introduction: Objectives of the PSM Workshop: • Overview of PSM plan • Supply cycle: (1) Product selection • Patents: international and national laws; which ARVs are affected in participant countries <p>Group Work I: Finalizing draft country PSM plans</p>	<p>WHO Representative Kenya: Dr Peter Eriki</p> <p>AMDS-WHO: Jos Perriëns</p> <p>GFATM: Paul Lalvani</p> <p>UNDP/WHO/HIV: Krishan Batra/Vincent Habiyambere</p> <p style="text-align: center; color: red;">TBD</p>	<p style="text-align: center;">Background information of the workshop</p> <p style="text-align: center;">PSM Template; PSM plans that were successful</p> <p>WHO ARV guidelines, WHO/EML; Managing Drug Supply; Battling HIV-AIDS: A Decision Making Guide to the Procurement of Medicines and Related Supplies (World Bank); Oriented to product selection, brief description of advantages of FDCs in the treatment of HIV/AIDS.</p> <p><u>"MSF briefing on fixed-dose combinations (FDCs) of antiretroviral drugs".</u> http://www.accessmed-msf.org/prod/publications.asp</p> <p>Patent situation in Developing countries; Doha Declaration, Information aimed at a non-expert, non-legal audience on pharmaceutical patents, drawn from MSF's practical experience. Concrete patent cases in several countries are included.</p> <p><u>"Drug patents under the spotlight, sharing practical knowledge about pharmaceutical patents",</u> Battling HIV-AIDS: A Decision Making Guide to the Procurement of Medicines and Related Supplies (World Bank); http://www.accessmed-msf.org/prod/publications.asp.</p>

Annex 2. List of Sessions and Topics to be Covered During the Workshop

<p>Session III: Day 3: Saturday, Dec 4</p> <ul style="list-style-type: none"> Supply cycle: (4) Storage, inventory management including MIS and (5) Logistic and distribution (Supply Chain Management up to the end - users). <p>Group Work III: Finalizing draft country PSM plans</p>	<p>JSI:</p> <ul style="list-style-type: none"> Augustine Bahati - Key presenter and in attendance for most sessions Jayne Waweru - Key presenter Catherine Lwenya - In attendance for most of the sessions Steve Kinzett - In attendance, opening and JSI day 	<p>JSI documents to be recommended by JSI; Managing Drug Supply; HIV/AIDS Medicines and related supplies (World Bank); World Bank Procurement of health sector goods</p>
<p>Session IV: Day 4: Monday, Dec 6</p> <ul style="list-style-type: none"> Supply cycle: (6) Quality assurance (NDRA, registration, QUA, QC, prequalification) <p>Group Work IV: Finalizing draft country PSM plans</p>	<p>WHO/EDM : Desta Abayneh</p>	<p>Managing Drug Supply; Prequalification project and outcomes</p>
<p>Session V: Day 5: Tuesday, Dec 7</p> <ul style="list-style-type: none"> Supply cycle: (7) Rational drug use including STGs, drug resistance, treatment adherence, ADRs 	<p>RPM Plus: Jedida Wachira and Njagi (SOPs for pharmacy & Lab Services)</p> <p>MSH/RPM Plus: Dr Ndyabangi Bannet (RDU, STGs for ART)</p> <p>EPN: Eva Ombaka</p> <p>CEDMAP: Dr Rashid Aman,</p>	<p>Managing Drug Supply</p> <p>http://www.msh.org/projects/rpmplus/pdf/SOPs_Pharmacies.pdf</p> <p>http://www.msh.org/projects/rpmplus/pdf/SOPs_Laboratories.pdf</p> <p>http://erc.msh.org/mainpage.cfm?language=English&file=2.7.3.htm&module=drugs</p>

<p>Group Work V: Finalizing draft country PSM plans</p>	<p>Prof Kokwaro IDA: Heather Houlihan?</p>	
<p>Session VI: Day 6: Wednesday, Dec 8</p> <ul style="list-style-type: none"> Financing sources (complementarity/additionality) and Management capacity including implementation & coordination capacity, human resources and TA requirements in above areas of the procurement cycle <p>Group Work VI: Finalizing draft country PSM plans</p> <p>Evening session: Donor tracking tool to facilitate coordination</p>	<p>The World Bank: Nadeen Mohammed</p> <p>RPM Plus: Laila Akhlagi</p>	<p>Battling HIV-AIDS: A Decision Making Guide to the Procurement of Medicines and Related Supplies (World Bank); Managing Drug Supply</p>
<p>Day 7: SITE VISIT TO MEDS and KEMSA: Thursday, Dec 9</p>	<p>EPN: Eva Ombaka</p>	