



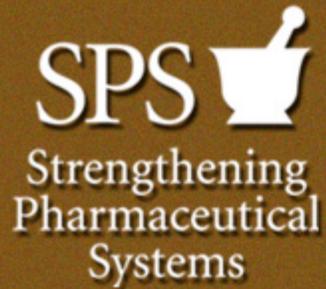
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Building a Regional Network of Academic Institutions to Increase Capacity in Pharmaceutical Management in East Africa

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Learning Objectives

- Describe how MSH/RPM Plus facilitated the formation of a network of academic institutions to build capacity in pharmaceutical supply management in East Africa
- Describe how the initiative has benefited HIV/AIDS treatment programs



Background

- Rapid scale-up and expansion of treatment programs, particularly antiretroviral therapy (ART)
- Limited human resource capacity for pharmaceutical management to complement the rapid scale-up
- Effective pharmaceutical management is critical to successfully implement, scale-up, and expand treatment and care services



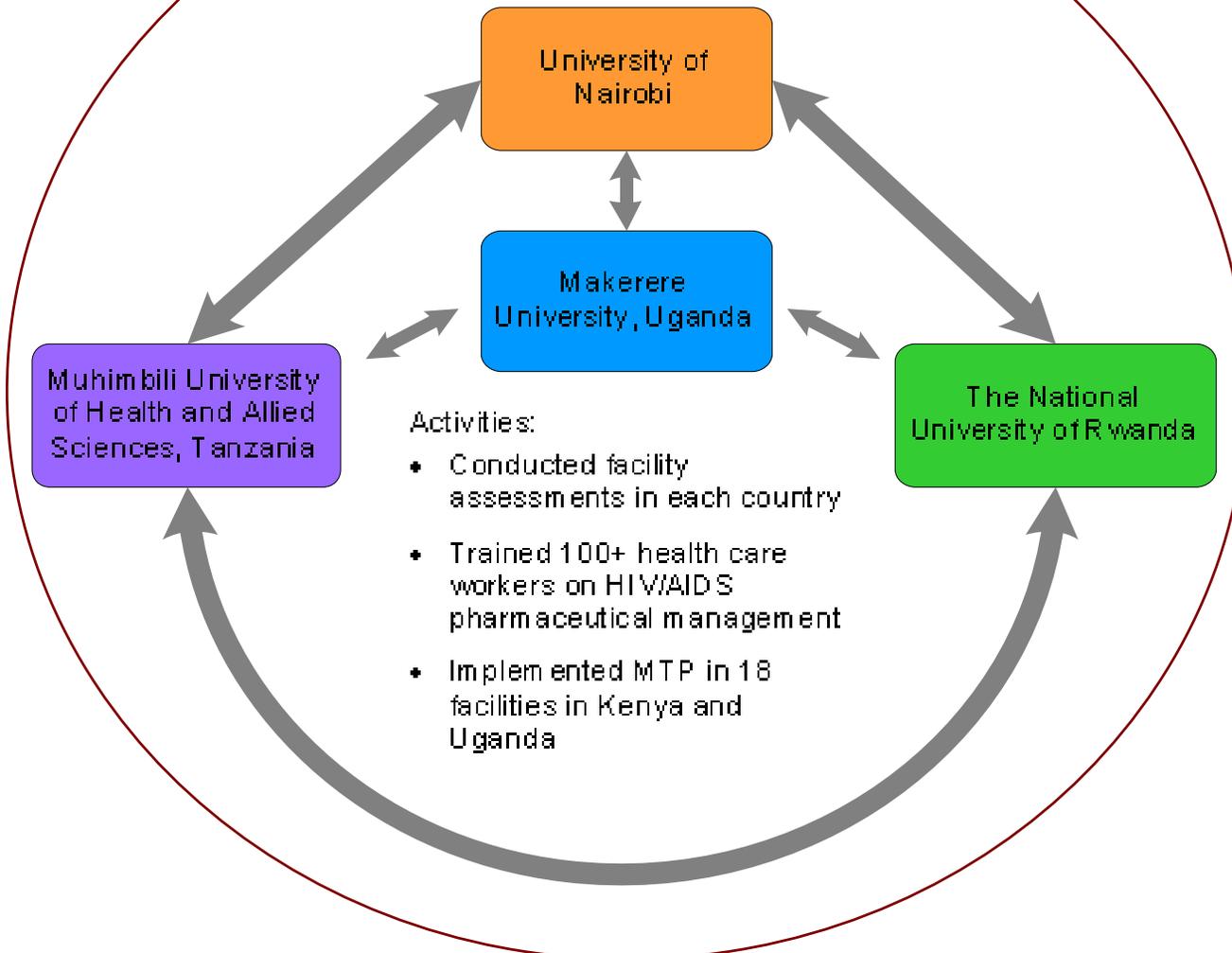
The Regional Technical Resource Collaboration for Pharmaceutical Management (RTRC)

- MSH/RPM Plus has been providing technical assistance (TA) to Makerere University to coordinate a network of academic institutions to build capacity for pharmaceutical management in East Africa

- Collaborating institutions include—
 - Makerere University, Uganda
 - The University of Nairobi, Kenya
 - Muhimbili University of Health and Allied Sciences, Tanzania
 - The National University of Rwanda



MSH/SPS



Activities:

- Conducted facility assessments in each country
- Trained 100+ health care workers on HIV/AIDS pharmaceutical management
- Implemented MTP in 18 facilities in Kenya and Uganda

I2 Loyd--

Is there anyway to get original of this--MTP should be spelled out, but I can't do it as it is a picture, not a graphic
lhall, 10/22/2007



Network Building Process

- Formation of core groups
 - Identifying key institutions
 - Identifying key individuals
- Establishment of in-country advocacy
- Provision of activity-specific technical assistance
 - Skills building
 - Operations research
 - Resource mobilization



Specific RTRC Activities (1)

- Assessment of ART supply management situation in each of the four countries
 - Led by Makerere University, each country carried out an assessment of its HIV/AIDS pharmaceutical supply management situation
- National courses on HIV/AIDS pharmaceutical supply management
 - Three courses in Uganda funded by National AIDS Control Programme and the Ministry of Health (MoH)
 - Two courses in Kenya—National AIDS and STD Control Programme



Specific RTRC Activities (2)

- The Monitoring, Training, and Planning (MTP) approach
 - Capacity building approach that improves skills and empowers participants to solve their own problems
 - Low cost, simple, and effective approach that seeks to capacitate participants in their workplace
 - The RTRC is evaluating the effectiveness and application of MTP in 18 facilities providing ART services in Uganda, Kenya, and Tanzania
 - Preliminary results show that MTP is effective for skills building for facility-level health care workers



Specific RTRC Activities (3)

- Contribute to the country's Global Fund to Fight AIDS, Tuberculosis and Malaria (GFATM) proposals—in response to an invitation from the country coordinating mechanisms (CCM)
- Offer regional training course on Drug and Therapeutics Committees (DTC) in Uganda
 - First RTRC locally-organized course—January 6–19, 2008
- Contribute to antiretroviral (ARV) adherence and monitoring of quality of care project
 - Support to Sida-funded project to develop indicators for measuring adherence and identifying determinants



Specific RTTRC Activities (4)

- Develop new curricula for pharmacy
 - Pharmaceutical supply management
- Link colleges of pharmacy in East Africa to U.S.-based schools of pharmacy
 - University of Iowa
 - Howard University



Cost Implications

- MSH/SPS has spent less than USD 60,000 on TA for the RTRC
- In turn, the Uganda RTRC has mobilized income in excess of USD 250,000



Income Generated by the Uganda RTTC Since 2004

Activity	Funding (Source)
ART commodity management four-country survey	\$100,000 (USAID/RPM Plus)
INRUD ARV adherence and monitoring of quality of care project	\$68,000 (Sida)
National HIV/AIDS pharmaceutical supply management training	\$40,000 (MoH/NACP, WHO, CRS)
MTP evaluation	\$30,000, (USAID/RPM Plus)
Regional DTC Course	\$40,000 (Participants)
Total	USD 278,000



Conclusion

- Fostering regional collaboration among academic institutions is an effective intervention to improve capacity on pharmaceutical management
- Academic institutions have a role to play in program quality improvement processes