

# Progress in male circumcision scale-up: country implementation update

December 2009







# List of Abbreviations

ACHAP Africa Comprehensive HIV/AIDS Programme
AIDS Acquired Immunodeficiency Syndrome

BLM Banja La Mtsogolo

BOTUSA Botswana-USA partnership
CDC Centres for Disease Control

CHAM Christian Health Association of Malawi

CIDRZ Centre for Infectious Diseases Research Zambia

DHS Demographic and Health Survey

DMPPT Decision Makers Programme Planning Tool

FHI Family Health International

FLAS Family Life Association of Swaziland
GFATM Global Fund for AIDS, TB and Malaria
HCP Health Communication Partnership
HIV Human Immunodeficiency Virus

HMIS Health Management Information System

IEC Information Education and Communication

IMC International Medical Corps

Jhpiego John Hopkins Program for International Education in

Gynaecology and Obstetrics

KAP Knowledge, Attitudes and Practice

M & E Monitoring and Evaluation

MC Male Circumcision

MCC Male Circumcision Consortium

MOH Ministry of Health

MOH&CW Ministry of Health and Child Welfare
MOH&SW Ministry of Health and Social Welfare

MOVE Models for Optimising the Volume and Efficiency of MC

services

MSI Marie Stopes International

NAC National AIDS Council/Commission
NGO Non Governmental Organization

OR Operations Research

PEPFAR The US President's Emergency Plan for AIDS Relief

PSI Population Services International VCT Voluntary Counselling and Testing

QA Quality assurance
QI Quality Improvement
RCT Randomized Control Trial

RHRU Reproductive Health and HIV Research Unit SANAC Southern African National AIDS Council

SRH Sexual and Reproductive Health

TOT Training of Trainers

TRAC Plus Treatment Research AIDS, TB and Malaria and other

epidemics

UNAIDS Joint United Programme on HIV/AIDS
UNFPA United Nations Population Fund
UNICEF United Nations Children's Fund

USAID United States Agency for International Development

USG United States Government
UTH University Teaching Hospital
WHO World Health Organization

# Introduction

In 2007, WHO/UNAIDS recommended that male circumcision be included in the HIV Prevention package. Thirteen Southern and Eastern African countries with high HIV prevalence, low levels of male circumcision and generalized heterosexual epidemics have been identified as priority countries for male circumcision scale-up, these are: Botswana, Kenya, Lesotho, Malawi, Mozambique, Namibia, Rwanda, South Africa, Swaziland, Tanzania, Uganda, Zambia and Zimbabwe. These countries have been engaged in developing programmes for male circumcision implementation and are at various stages of programme scale-up.

Ten key elements have been identified as critical to male circumcision programme scale-up, these include: leadership and partnerships; situation analysis; advocacy; enabling policy and regulatory environment; strategy and operational plan for national implementation; quality assurance and improvement; human resource development; commodity security; social change communication and monitoring and evaluation. These are outlined in full in the Operational guidance for scaling up male circumcision services for HIV prevention, WHO and UNAIDS, 2008. Which can be accessed at http://www.who.int/hiv/pub/malecircumcision/op\_guidance/en/index.html.

This report provides an overview of progress in male circumcision programme scale-up in all the thirteen priority countries according to the key elements. Information for each country has been contributed by country programme managers, UN Agency focal persons within countries, technical support agencies and other key stakeholders through regular progress reports, collaborative consultations, meetings and discussions.

Any further updates, revisions or corrections can be sent to the Male Circumcision for HIV Prevention Clearinghouse Webmaster at webmaster@malecircumcision.org Botswana

Kenya

Lesotho

Malawi

Mozambique

Namibia

Rwanda

South Africa

Swaziland

Tanzania

Uganda

Zambia

7imbabwe

# **Botswana**

#### **Statistics:**

Population: 1.8mHIV Prevalence: 17.6%MC Prevalence: 11.2%



## Leadership, partnerships & advocacy

- Leadership: MOH leading programme. Dedicated MC Coordinator appointed. National Task Force is in place. National and district level working groups have been set up and are functional.
- 2. Partnerships: ACHAP, PEPFAR, BOTUSA, WHO, UNAIDS.
- **3. Advocacy:** The former President, Festus Mogae is a Champion and is a leading figure in the 'African Champions for HIV Prevention Initiative'.

### Situation analysis

Facility readiness assessment has been conducted.

Situation Analysis for traditional healers to be started before the end of the year.

# Policy & regulatory framework

MC has been incorporated into existing HIV prevention policy and this memorandum has been approved by Cabinet.

### Strategy and operational plan

Strategy developed and approved by government proposal. Phased scale-up plan to reach male circumcision prevalence rate of 80% among 0-49 years old HIV-negative males by 2014. Costing and impact derived from DMPPT.

Activities from the strategy and operational plan were included in a GFATM.

Five facilities have been selected to be strengthened as Centres of Excellence.

### **Training**

Safe MC Training curriculum has been developed which includes a video. 2 pilot trainings have been conducted. June 2009 - 17 medical officers and 15 nurses/social workers have been trained. Planning to decentralize training.

### Quality assurance

QA framework has been developed. WHO MC QA Guide and toolkit have been adapted and the QA standards adopted. Working towards strengthening QA systems.

A QA/QI Strategy is being developed. A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

### Service delivery

MC services integrated into existing HIV prevention services so that MC is not a stand alone service.

Scaling up of service delivery has started in the 5 Centres of Excellence.

### Communication

Communication strategy being developed.

### Monitoring & evaluation and research

Monitoring and evaluation framework has been developed.

Reporting and data collection of MC numbers in progress at the facilities. There are ongoing efforts to strengthen the monitoring systems.

### Research

### Ongoing:

Safety and acceptability and KAP studies being done by Jhpiego/BOTUSA.

An infant, MC feasibility, safety and acceptability study underway.

### Planned:

Safe MC public health evaluation - Protocol in development with support and collaboration from BOTUSA/CDC which will be a 5 year cohort in 2 selected districts.

Safety, demand, acceptability measure indicators being developed and piloted.

# Kenya

### **Statistics:**

- Population: 37.5m
- HIV Prevalence: 7% for the country.
   15.3% for Nyanza province.



MC Prevalence: 85% for the country.
 40% for Nyanza province

### Leadership, partnerships & advocacy

- Leadership: MOH leading the programme. A National and Provincial Task Force is in place and operational. Focal MC persons identified at national and district levels. Joint MC inter-ministerial Task Force set up and working well.
- Partnerships: The MCC (FHI, University of Illinois at Chicago and EngenderHealth), Nyanza Reproductive Health Society, Impact Research and Development, MSI, IMC, APHIA (EngenderHealth, PATH, PSI), WHO, UNAIDS, UNICEF.
- 3. Advocacy: The Prime Minister Mr. Raila Odinga has endorsed the scale up of MC and met with the council of Luo elders to promote MC.

### Situation analysis

Situation analysis has been completed for Nyanza, Teso, Turkana and Nairobi provinces.

# Policy & regulatory framework

MC policy is in place. It is now called 'National Guidance' for MC to enhance acceptance as some groups felt that a formal Policy would mandate MC for all men.

# Strategy and operational plan

The strategic plan for next 5 years is finalized. The national Strategy is for all provinces to have an MC prevalence of 80% by 2013. The target groups are 15-49 year olds and newborns.

### **Training**

As of September 2009, 650 providers have been trained in Nyanza province.

### Quality assurance

WHO MC QA toolkit is being used.

QA Strategy is in the Strategic Plan. At the national level the M & E team is in charge of QA/QI in the health sector and MC is integrated in this. A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

### Service delivery

Service delivery has expanded from 41 districts to 230 districts in last few months. 124 facilities (static and mobile) in Nyanza province are now offering MC services.

MC services being offered in the prisons. As of October 2009, 40 000 MCs have been done.

### Communication

Communication Strategy completed and awaiting implementation. M&E framework in place. M&E system to monitor MC uptake and adverse events developed.

### Monitoring & evaluation and research

M&E indicators developed in line with WHO/PEPFAR recommendations.

MC incorporated into routine Kenya AIDS Information system. The survey is ongoing.

### Research

### Ongoing:

- Prospective longitudinal observation study on behavior risk compensation: The Sexual Health Attitudes Behavior Study.
- Cross sectional surveys to determine MC impact in Kisumu municipality: The MC Impact Study.
- Neonatal MC.
- Text messaging for post adherence.
- Wound healing.
- Feasibility of private sector involvement.
- Foreskin immunochemistry.

# Lesotho

#### **Statistics:**

Population: 2m

• HIV Prevalence: 23.2%

MC Prevalence: 48%



# Leadership, partnerships & advocacy

- Leadership: MOH leading programme. MC Task Force with two sub-committees have been created: the Clinical and the Advocacy and Communications Subcommittee. MC Focal person has been identified in the MOH.
- 2. Partnerships: PSI, PEPFAR, WHO, UNFPA.
- **3. Advocacy:** Extensive advocacy has been done with traditional leaders to get them on board.

# Situation analysis

Situation analysis in formal health sector has been completed. Exploring ways of how to work with traditional providers.

Facility readiness assessment of 9 facilities has been conducted, awaiting finalization of report.

# Policy & regulatory framework

MC Policy has been approved, awaiting formal launch.
Regulations do not allow certain task shifting to nurses.
Planning to review regulations and processes of task shifting in Lesotho and also other countries.

# Strategy and operational plan

Strategy and Operational plan approved. Awaiting formal launch.

Guide on comprehensive health sector HIV prevention service implementation to be developed with MC as one component.

### **Training**

Training plans with Jhpiego have been developed.

# Quality assurance

QA activities not yet started.

# Service delivery

Formal scale-up has not started.

### Communication

Planning to review current prevention communication strategy and see how to integrate MC.

# Monitoring & evaluation and research

M&E framework has not yet been developed. Plans to be developed for OR.

# Malawi

### **Statistics:**

Population: 13.2mHIV Prevalence: 12%MC Prevalence: 21%



### Leadership, partnerships & advocacy

- Leadership: The MOH is heading the MC subgroup consisting of national, multilateral & NGO representatives. A focal person for MC not yet appointed. Initial leadership provided by the NAC.
- 2. Partnerships: WHO, UNAIDS, UNICEF, UNFPA, CHAM, CDC, PSI, BLM.
- Advocacy: Planning to identify a local champion for MC. Advocacy still needed at various political and health provider levels.
   Stakeholders meeting held in August 2009.

### Situation analysis

Data collection for situation analysis completed. Final report to be presented to stakeholders at the end of 2009.

# Policy & regulatory framework

Policy development awaiting results of situation analysis.

# Strategy and operational plan

Awaiting finalization of situation analysis.

### **Training**

Training activities not yet developed.

### Quality assurance

QA activities not yet developed.

### Service delivery

Formal scale-up has not started.

A local NGO, BLM is providing MC services in their clinics.

### Communication

Communication plan not yet developed.

### Monitoring & evaluation and research

M&E framework not yet developed and OR plans to be developed.

# Mozambique

# **Statistics:**

Population: 21mHIV Prevalence: 16%MC Prevalence: 56%



# Leadership, partnerships & advocacy

- Leadership: MOH leading the programme. A National Task Force is in place. MC focal person identified in MOH (a surgeon working in the national referral hospital).
- 2. Partnerships: PEPFAR, PSI, USG, WHO, UNAIDS, UNICEF, JHPIEGO.
- 3. Advocacy: Former Presidents involved in 'African Champions for HIV Prevention Initiative' visited Mozambique in June 2009. A follow up plan of action including continuous advocacy for scaling up access to MC services has been discussed with the government of Mozambique.

### Situation analysis

A health facility readiness assessment (facility rapid assessment) has been completed by Jhpiego. A KAP survey is planned for 2010.

# Policy & regulatory framework

No formal MC Policy developed. A national strategy for intensifying HIV prevention activities was adopted and launched by the President of Mozambique in December 2008.

# Strategy and operational plan

An operational plan for HIV prevention has been developed which includes MC. Five pilot sites have been selected. Scale-up to be initiated in 2010.

### **Training**

A few senior staff of the MOH have been trained on MC.

Training plans and materials are being developed with the support of WHO, UNAIDS and Jhpiego.

A TOT workshop is planned for 2010 which will be followed by a cascade training of staff in all 11 provinces in 2010-2011.

Training materials for traditional circumcisers are being developed by the National Task Force, to be finalized and tested in 2010.

### Quality assurance

QA training materials and methodology are being developed by the MC National Task Force. The material will be translated into Portuguese and adapted to the national context in 2010. Field testing and implementation of the QA program is planned for late 2010.

### Service delivery

No formal scale up has started. MC services are provided on demand and as part of routine minor surgery services. MC services are delivered mainly in government hospitals. There is no known private provider of MC services in Mozambique.

### Communication

A communication strategy is being developed with the support of the National Task Force and PSI.

### Monitoring & evaluation and research

M&E framework for MC has been developed. Nine core MC indicators have been selected and validated.

An OR agenda is being developed by the National Task Force.

# Namibia

### Statistics:

Population: 2mHIV Prevalence: 18%MC Prevalence: 21%



### Leadership, partnerships & advocacy

- Leadership: MOH leading the programme. A National Task Force is in place. MC focal person identified in MOH. MC Coordinator being hired.
- 2. Partnerships: PEPFAR, PSI, CDC, WHO, UNAIDS.
- **3. Advocacy:** The 'African Champions for HIV Prevention Initiative' visited in June 2009. Advocacy with traditional leaders is required.

# Situation analysis

Situation analysis report now available.

Situation analysis needed in terms of understanding traditional circumcisers' practices. Workshop with traditional healers is being planned.

# Policy & regulatory framework

Draft policy submitted to Parliament which includes task shifting of surgical tasks to nurses. This draft Policy available and guiding piloting programme.

### Strategy and operational plan

Strategy has been developed and being rolled out in a limited number of pilot sites. Costing and impact data for the national strategy was derived by using the DMPPT.

### Training

Two MC trainings have been conducted in 2009.

# Quality assurance

QA training will be included in the pilot programme that is underway.

### Service delivery

Formal scale-up not yet started but pilot sites have been identified.

Five pilot sites have been identified. Two sites are in operation.

### Communication

Communication Plan already in place.

Final versions of MC communication materials are now available.

### Monitoring & evaluation and research

M&E system and tools being developed and to be included in the national HIV/AIDS M&E framework.

No plans in place yet for OR.

# Rwanda

#### **Statistics:**

Population: 9.3mHIV Prevalence: 3%MC Prevalence: 12%



# Leadership, partnerships & advocacy

- Leadership: MOH/TRAC PLUS leading the programme.
   TWG formed in early 2008. MC focal person appointed
   and is located in TRAC Plus.
- 2. Partnerships: WHO, UNAIDS, UNICEF. USG/PEPFAR (DOD, CDC).
- Advocacy: Symposium on cost effectiveness of paediatric MC in 2007. National advocacy campaign conducted in September/October 2008.

### Situation analysis

Facility readiness assessment completed. Data is being analysed, report expected December 2009.

KAP survey protocol presented to Ethics Committee.

# Policy & regulatory framework

Policy to be developed after situation analysis.

# Strategy and operational plan

National guidelines for implementation developed. Awaiting final approval.

### **Training**

Two surgeons and focal person have attended WHO/ Jhpiego training.

Training and capacity building of health workers from Army health services in Kanombe and Kaduha conducted in September 2009.

TOT and training of Health workers after completion of the KAP Study.

# Quality assurance

QA Framework and structure not yet developed.

# Service delivery

Service delivery has started in the military.

### Communication

TRAC Plus has targeted all 30 district mayors to include MC in their HIV/AIDS control plans.

Communication Plan scheduled for 2010

# Monitoring & evaluation and research

National M&E Plan for HIV/AIDS (2009-2012) ongoing.



# **South Africa**

### **Statistics:**

Population: 48.5mHIV Prevalence: 18.1%MC Prevalence: 35%



# Leadership, partnerships & advocacy

- Leadership: MOH leading with SANAC Programme
   Implementing Committee. Deputy President is the Chair of SANAC. MC focal person in MOH.
- Partnerships: RHRU, Jhpiego, UNAIDS, UNICEF, WHO, Futures Group, CDC/PEPFAR, SFH
- Advocacy: Advocacy with different SANAC groups (men, women). Research Task team involved in advocacy.

### Situation analysis

Situation analysis in progress, due to be completed by end of December 2009.

Facility readiness assessment (facility audit) tool being developed.

# Policy & regulatory framework

Initial draft Policy developed. Awaiting approval by MOH decision making structures.

### Strategy and operational plan

Draft strategy in place and implementation guidelines developed.

### **Training**

Training plans being developed.

National Health Council reviewing Task Shifting and use of lay counsellors for VCT.

# Quality assurance

WHO QA toolkit being adapted.

A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

### Service delivery

Service delivery scaled up in Orange Farm community as a follow up to RCT.

Eighteen priority districts have been identified for scale up. Directive is that implementation can start and should not be hindered by stage of Policy.

### Communication

Communication Strategy being developed.

### Monitoring & evaluation and research

#### Research

#### Ongoing:

OR in progress in Orange Farm community including a series of cross-sectional studies being done at baseline, 3 and 5 years to assess impact of male circumcision scale up on HIV prevalence, as well as behaviour on condom use.

# **Swaziland**

#### **Statistics:**

Population: 1m

HIV Prevalence: 26%

MC Prevalence: 8%



# Monitoring & evaluation and research

M&E Framework is in draft form.

Research Committee and Strategic Information Unit overseeing ongoing research.

### Leadership, partnerships & advocacy

- Partnerships: Supporting partners: WHO, UNICEF, UNAIDS, PEPFAR, FLAS, MC Partnership (PSI, Jhpiego, MSI, Population Council).
- **3. Advocacy:** Current Prime Minister is strong supporter of MC.

### Situation analysis

Parts of situation analysis done to inform policy development.

### Policy & regulatory framework

MC Policy has been approved by Cabinet and is now being printed to be launched end of December 2009.

### Strategy and operational plan

Strategy and operational plan developed and being printed.

### **Training**

Training is ongoing. PSI/Jhpiego have done 3 trainings in 2009.

### Quality assurance

QA being actively implemented in 3 sites using the WHO QA toolkit. A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

# Service delivery

Five government sites identified to provide integrated MC services. FLAS has been providing MC and male SRH services for several years.

PSI launched a new site adopting MOVE principles in September 2009.

### Communication

Communication and Advocacy Strategy being finalized. PSI/FLAS advertising through the Mass media.

# **Tanzania**

### **Statistics:**

Population: 40mHIV Prevalence: 5.7%MC Prevalence: 70%



### Leadership, partnerships & advocacy

- Leadership: MOH leading the programme. MC Task
  Force was formed in October 2007 with 25 members.
  MC responsibility added to IEC Head within National
  AIDS Control Programme in the MOH&SW.
- Partnerships: NIMR, WHO, CDC, UNICEF, USAID, Jhpiego, Association of Private Hospitals.
- Advocacy: MC has been widely practiced in regions for traditional and religious purposes. There is no evidence of opposition to MC.

### Situation analysis

Situation analysis has been completed. Final report available.

Traditional providers study completed. Report available.

# Policy & regulatory framework

Policy being developed.

### Strategy and operational plan

Strategic plan under development.

# **Training**

Three trainings have been conducted. The WHO surgical manual and training package is being adapted.

# Quality assurance

QA activities have not yet been initiated.

# Service delivery

Three demonstration sites in provincial and regional hospitals have been set up.

### Communication

Communication plan has not yet been developed.

### Monitoring & evaluation and research

M&E structures not yet developed.

No OR plans developed.

# **Uganda**

#### **Statistics:**

Population: 32mHIV Prevalence: 6.4%MC Prevalence: 25%



# Leadership, partnerships & advocacy

- Leadership: National Task Force for MC in place. MOH providing overall leadership, guidance and stewardship for MC.
- 2. Partnerships: Supporting partners: WHO, UNAIDS, UNICEF, UNFPA, PEPFAR (USAID and CDC), FHI and Makerere University School of Public Health.
- Advocacy: No local champions identified. Advocacy still required at various levels.

### Situation analysis

Situational analysis to determine the acceptability and feasibility of medical MC promotion in Uganda has been completed and disseminated. Mapping survey of medical MC services completed.

# Policy & regulatory framework

Draft MC policy has been developed and will be presented to stakeholders.

Formal assessment of existing policies done using the UNAIDS legal and regulatory self assessment tool.

# Strategy and operational plan

Strategy and operational plan developed and being printed.

### **Training**

Nationwide training not yet initiated. Health workers from a selected number of facilities are being trained at the Rakai Health Sciences Research Project.

# Quality assurance

QA activities have not yet initiated.

### Service delivery

Formal scale-up not yet started. Scale up expected after the launch of the Policy in 2010.

#### Communication

Communication strategy under development. MC awareness campaigns ongoing.

### Monitoring & evaluation and research

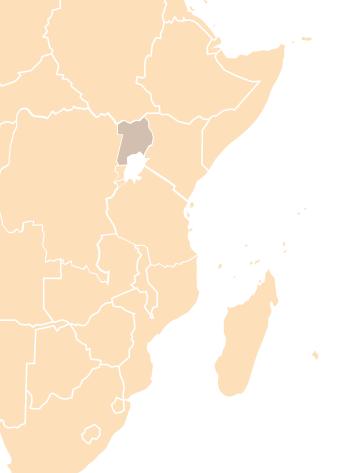
#### Research

### Ongoing:

In Rakai epidemiological, clinical, operational and basic science research RCT site.

- Epidemiological research community-level surveillance of men and women regarding MC acceptance, satisfaction, behavior change and HIV incidence.
- Clinical research post MC healing times and the process of keratinization, effect of MC on viral load.

  Foreskin immunochemistry.
- OR comparison of sleeve and dorsal slit methods by different categories of staff, number of surgeries required to achieve competency.



# **Zambia**

#### **Statistics:**

Population: 12m

HIV Prevalence: 14.3%MC Prevalence: 13.1%



### Leadership, partnerships & advocacy

 Leadership: MOH leading the programme. National Task Force in place. A dedicated National MC Coordinator has been appointed.

Partnerships: Supporting partners: UTH, MC
 Partnership (PSI, Jhpiego, MSI, Population Council) and CIDRZ.

3. Advocacy: Ongoing advocacy.

### Situation analysis

Situational analysis and health facility readiness assessment (health facility preparedness assessment) has been completed.

# Policy & regulatory framework

Cabinet memo incorporating MC in HIV prevention has been approved. The agreement is not to have a stand alone policy.

### Strategy and operational plan

A national Implementation Plan has been formally launched. The plan is to increase from 11 service delivery sites to 300 sites by 2014.

Target of MCs is approximately 250 000/yr.

### Training

Partnership with Jhpiego and UTH for training. Approximately 150 providers trained.

Training of providers ongoing.

### Quality assurance

QA strategy in place. QI team present at national level. A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

WHO QA Guide and toolkit to be implemented.

### Service delivery

11 service delivery sites established. About 4 000 male circumcisions have been done to date. In partnership with PSI, FHI, MSI, CIDRZ for service delivery.

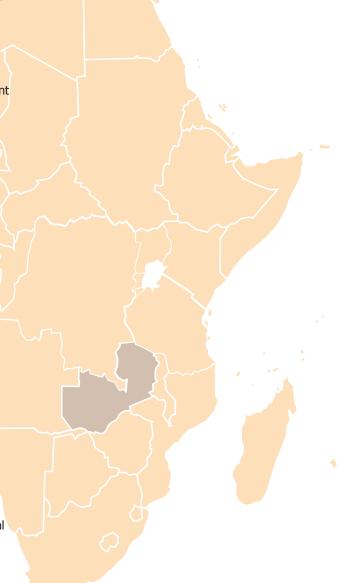
Service delivery sites adopting MOVE principles.

### Communication

Communication activities being implemented.

### Monitoring & evaluation and research

M&E framework and indicators being developed. Ongoing OR through University Teaching Hospital.



# **Zimbabwe**

### **Statistics:**

Population: 12m

• HIV Prevalence: 15.6%

MC Prevalence: 10%



# Leadership, partnerships & advocacy

- Leadership: MC Task Force with subcommittees
  formed. Steering Committee and three Technical
  Working Groups are in place. Focal person for MC and
  condom programming identified in the MOH&CW. Focal
  person for MC and condom programming now in place.
- Partnerships: Supporting partners: ZNFPC, WHO, UNFPA, PSI, church organizations.
- 3. Advocacy: Working with student movements and women's activist groups for advocacy. Ongoing sensitization and involvement of traditional circumcisers, medical practitioners, provincial health teams and community stakeholders.

### Situation analysis

MC situation analysis conducted and results disseminated to stakeholders.

# Policy & regulatory framework

MC Policy finalized in October 2009. Launched in November 2009.

### Strategy and operational plan

National MC strategic plan being developed.

Exploring task sharing with other cadres.

Planning for use of the DMPPT to assess cost of impact of MC to inform strategy development.

### **Training**

Established central level training site at ZNFPC Harare. Two more training sites have been set up. National TOT was conducted: 18 national trainers consisting of surgeons, nurses and counselors. One hundred and four nurses and doctors trained. Training materials have been adapted from WHO training guidelines.

### Quality assurance

Planning to have QA/QI teams. A team of QA facilitators were trained at a WHO sub regional workshop at the end of September 2009.

### Service delivery

Phase 1 (Pilot) commenced in April 2009 at 4 service delivery sites.

In the pilot phase 1818 MCs have been done. Six delivery sites opened. One outreach for traditional circumcisers conducted where 72 circumcisions were done.

### Communication

Communication and Advocacy strategy developed and being implemented.

# Monitoring & evaluation and research

M&E system and tools developed and integrated into national HMIS.

OR plans yet to be developed.