

A Twinning Partnership for Healthcare Capacity Building

Partners:

Catholic University of Mozambique
University of Pittsburgh

Outline

- Background and Need
- Implementation
- Lessons learned





BEIRA

Setting

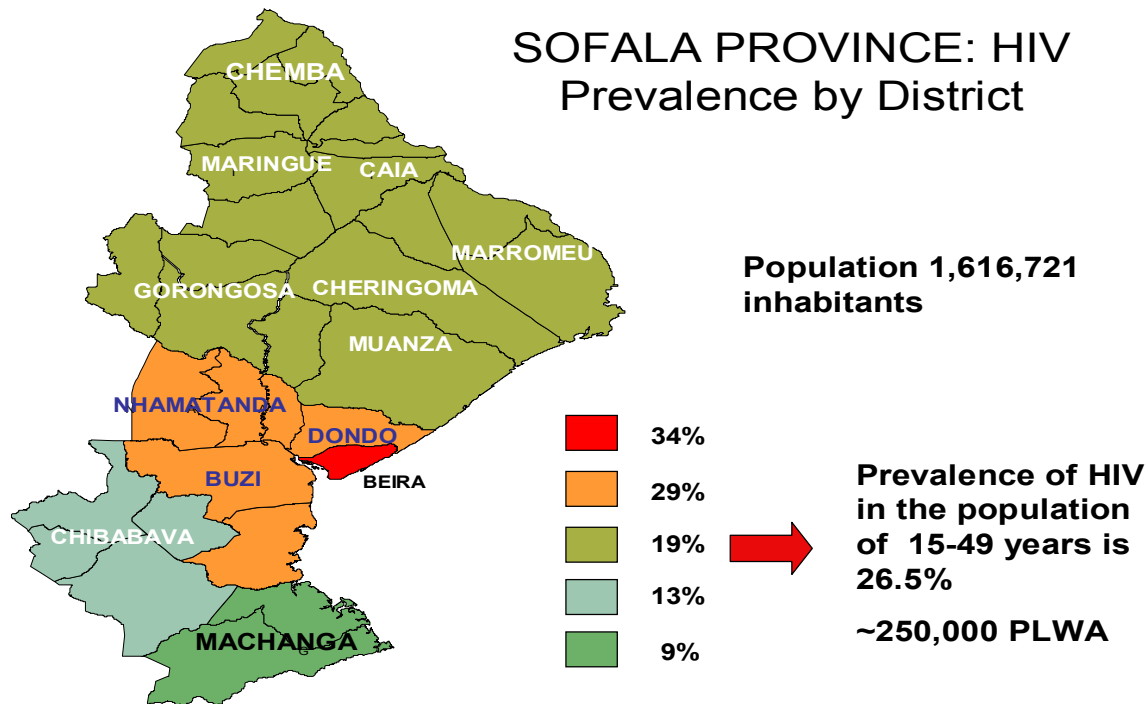
- Portuguese colony, independence 1975
- 17 years of civil war ended in 1992
- Stable democratic government
- 50% of MZB federal budget supported from external sources
- Ranks 172 of 182 countries in UNDP Human Development Index (Human Development Report 2009)

Health and Development Indicators Mozambique

- Total population: 22,061,451
- Life expectancy at birth: 41 years
- Number living with AIDS: 1.6 million (16.2%)
- Per capita expenditure of health: \$36 USD (2006)
- # Physicians per 10,000 pop'n: 0.44

HIV-1 Seroprevalence in Sofala Province

First antenatal visit



*Source: Epidemiologic Surveillance 2004

Healthcare system challenges

- ~ 50% of the population have access to basic preventive and treatment health services -> live within 10kms of a health facility
- High level of communicable diseases (malaria, TB, etc)
- Lack of healthcare staff (all levels of providers)
- General lack of resources (equipment, supplies, drugs)

Partnership

- Catholic University of Mozambique
 - Established 2nd medical school in Mozambique, 2000
 - Graduated first class of 16 physicians in 2007
 - Total 96 medical graduates thus far, most employed by MoH
 - Other programs: nursing, laboratory science, hospital mgmt
- University of Pittsburgh, Division of Infectious Diseases
 - HIV/AIDS Program – primary care and clinical trials units
 - Center for Global Health, Graduate School of Public Health
 - AIDS International Training and Research Program (Fogarty)

Partnership Vision

- Reduce morbidity and mortality due to AIDS and other co-infections such as TB
- Train regional healthcare workers and UCM medical students in a mentored 'hands on' manner
- Assess and document outcomes in conjunction with MoH
- Develop research capacity to conduct clinical trials with UCM faculty focused on local research priorities

Partnership Challenges

- Clinical training primarily hospital-based
- Few Mozambican faculty
- Infrastructure and resources limited at UCM
- Communication, coordination with MoH, other partners
- Integration of primary care and HIV care

Process

- Developed training model with UCM leadership and MoH
- Created plan for on-campus Health Center to serve as training site for medical students and healthcare workers
- Leveraged resources to renovate and equip 'existing structure' to serve as health center



20 Years of Leadership
A LEGACY OF CARE



2018 RYAN WHITE ALL GRANTEE MEETING AND 10TH ANNUAL CLINICAL CONFERENCE



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Progress to Date (2006-2010)

- Needs assessment and program development (CIPRA,NIH)
- Health Center design and renovation (AIHA, CDC)
- Equipment and staff (AIHA/CDC, MoH)
- Equipment, supplies (Brother's Brother Foundation)
- Health Center officially opened June 2009
- Over 12,000 patients served
- Approval to deliver ARVs January 2010
- Trainings underway per MoH priorities
- Medical students receiving outpatient training

Health Center Exam Room

Donated exam table, lamp, chair





Lessons learned

- Develop well-defined Partnership goals
- Include key stakeholders early in process
- Establish realistic timelines
- Leverage resources
- Expect change and be flexible