



# Swaziland

## To improve the quality of PMTCT Option B+ services at Luyengo Clinic.

Summative Congress:

Final Project Results

Glory S. Msibi - Registrar  
Swaziland Nursing Council  
Lusaka, Zambia  
6 July 2017 4

# Quad Members



1. Thandie Maphalala – Deputy Chief Nursing Officer
2. Dr. Ruth Mkhonta – Senior Lecturer University of Swaziland.
3. Bheki Mamba – President of the Swaziland Nurses' Association
4. Glory Msibi – Registrar Swaziland Nursing Council

# ARC Project Team





# ARC Project Context

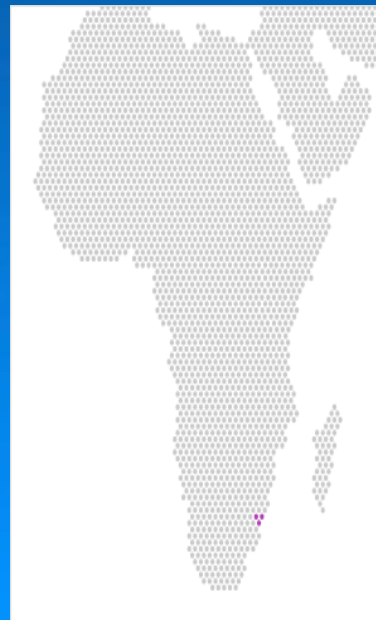
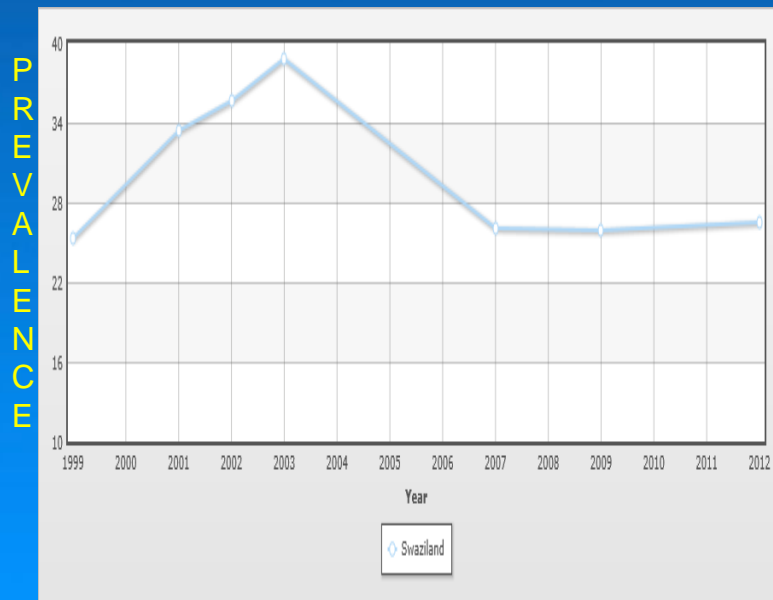
## Geographic Location of Luyengo Clinic





# National HIV prevalence Rate

## HIV/AIDS - adult prevalence rate in Swaziland



### Swaziland (2015)

**220,000** people living with HIV

**28.8%** adult HIV prevalence

**11,000** new HIV infections

**3,800** AIDS-related deaths

**67%** adults on antiretroviral treatment

Source: UNAIDS Gap Report 2016

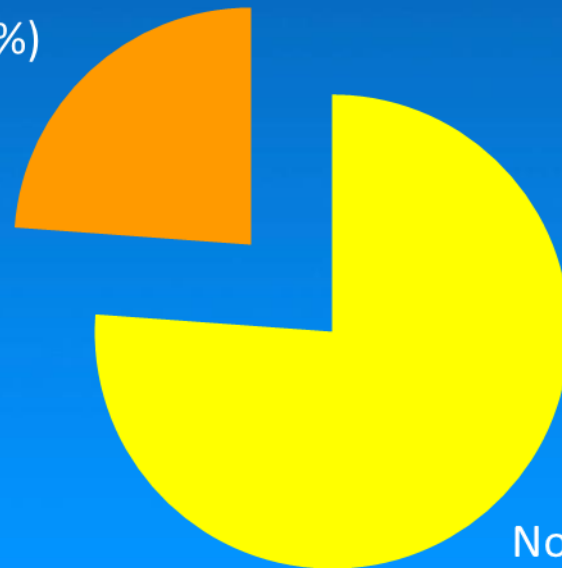
Swaziland has highest rates of antiretroviral treatment coverage in sub-Saharan Africa standing at 67%, and has also increased her own investment and funding for the HIV response. It was estimated that 95% of pregnant women living with HIV receive antiretroviral medication for PMTCT in 2015

SOURCE: CIA World Factbook

# Number of Nurses and Midwives by June 2017

## Number of Nurses and Midwives

No. of Midwives  
1318 (24%)



No. of RN  
4211 (76%)

# Implementing Partners

- ❖ Elizabeth Glazier Paediatric Aids Foundation (EGPAF) – Conducted training on PMTCT Option B+ for Nurse Managers and nurses of Luyengo clinic



# ARC Project Summary

Overarching Goal	AIM Statement	Project Intervention
<p>Improve enrolment of HIV+ pregnant women on PMTCT Option B+ at Luyengo Clinic</p>	<p><b>AIM Statement</b> To increase the number of HIV positive women enrolled on PMTCT Option B+ from 47% to 80% by June 2017</p> <p><b>1. Metric</b>  <b>Enumerator:</b> Number of HIV Positive pregnant women enrolled on PMTCT Option B+</p> <hr/> <p><b>Denominator</b>            Number of HIV positive pregnant women</p>	<ol style="list-style-type: none"> <li><b>1. Conduct training of three (3) Nurse managers on PMTCT Option B+ supervisory skills</b></li> <li><b>2. Conduct refresher trainings for Ten (10) Nurses on PMTCT Option B+.</b></li> <li><b>3. Train Community Health Workers on defaulter tracing.</b></li> <li><b>4. Purchase Cell phones for reminding patients about their next visit and also to call defaulters within three(3) days after they have missed an appointment.</b></li> <li><b>5. Conduct Community Mobilization on the importance of PMTCT Option B+ for pregnant women.</b></li> <li><b>6. Purchase equipment to be used at the Antenatal Clinic (sphygmomanometer, scales, dopler ect)</b></li> </ol>

# Key Activities/Intervention

Five 5 major activities for quality improvement.

1. Trained three (3) Nurse Managers
2. Trained ten (10) Nurses on PMTCT Option B+ protocols
3. Formed Quality Assurance team
4. Protocols for managing women on PMTCT Option B+ developed.
5. Establish linkages with the community through Community Health Workers

# Output Indicator Matrix

## Describe your monitoring activities

Output Indicator	Frequency of monitoring	Comments – How was the experience?
Identification of coordinator of the project at clinic level	Inception of the project	Gaps in terms of reporting identified when coordinator was on leave or attending workshops; this led to identification of another focal person.
Nurse Managers supervised/ mentored nurses on the project	Once in two weeks	Managers were able to supervise/ mentored nurses on the project to ensure that quality reporting was done.
Documentation of patients information on the registers	Everyday	Some registers had incomplete information which was retrieved from other register.
Monitoring/Reviews of the Project by Quad Members	Once a month	Reviews by Quad members allowed identified gaps to be addressed by the team.

# Outcome Indicator Matrix

## Describe the impact of activities

Outcome Indicator	Impact – What is the significance of the change?
Number of Pregnant HIV+ women enrolled on PMTCT Option B+	Training of nurses and nurse managers on PMTCT Option B+ and community mobilization on PMTCT Option B+ resulted in the increase of clients coming to Luyengo Clinic for PMTCT Option B+ services from 47% to 90%.
Number of clients Not enrolled/initiated on PMTCT Option B+	Purchasing of cell phones to remind clients of their appointment dates reduced the number of clients NOT initiated on PMTCT Option B+ from 53% to 10% .
Number of HIV+ women enrolled and retained on PMTCT Option B+	The number of HIV+ women enrolled and retained increased from 47% to 90%

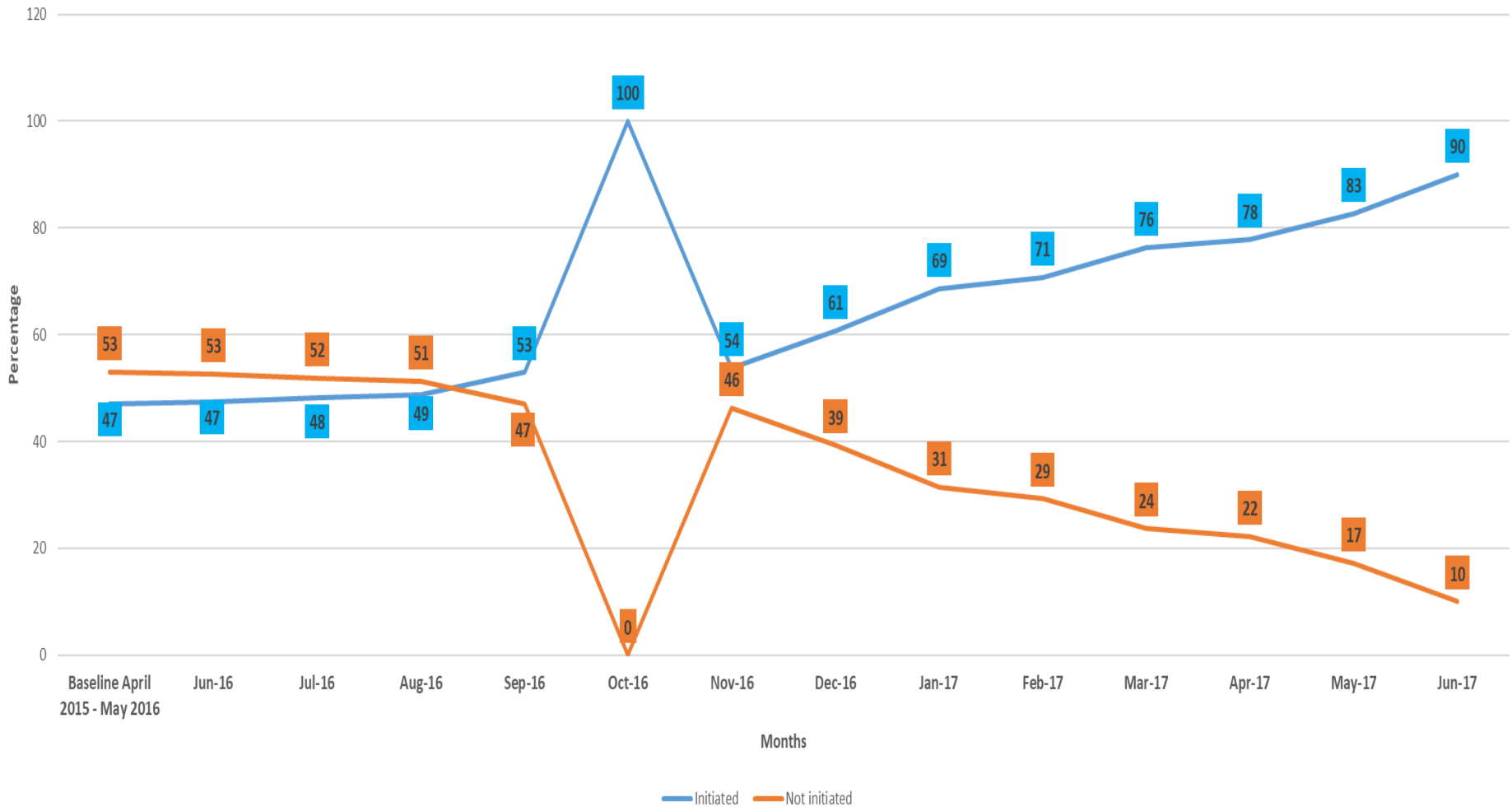


# Intervention and resultant change

Activities	Resulting Change
1. Trained three (3) Nurse Managers	Supervision of PMTCT Option B+ Improved
2. Trained ten (10) Nurses on PMTCT Option B+ protocols	Improved service delivery on PMTCT Option B+
3. Formed Quality Assurance team	Responsible for daily monitoring resulting in early identification of gaps
4. Protocols for managing women on PMTCT Option B+ developed.	Improved care on PMTCT Option B+ services.
5. Establish link with community through Community Health Workers	Members of the community became aware of the importance of PMTCT Option B+ for pregnant women and collaboration between community workers and the facility was strengthened.

# Result Chart

Number of Patients Initiated on PMTCT Option B+ vs Number of Patients not Initiated



# Lessons Learned

What 1 thing are you most proud of?

*Increasing and retaining the number of clients enrolled on PMTCT Option B+*

What were the top 2 lessons learned in implementing your QI project?

a) *Quality improvement is possible as long there is commitment and collaboration.*

b) *Continuous monitoring and evaluation is key for project success*

What 1 thing do you think you should have done differently?

*Developing an excel spreadsheet with the required indicators to be used by the facility when entering information of the patients.*

What 2 capacities does your team feel it has developed this year?

a) *Conducting process mapping to identify gaps and how best to address them.*

b) *Coming up and writing an elevator speech.*

# Way Forward

How will you build on what you've learned this year? New partners?

*Share results with implementing partners particularly EGPAF who is responsible for Hhohho region, Icap –Manzini region , URC Lubombo region and MSF for Shiselweni region and create awareness, collaboration and coming up with strategies for rolling out the project to other facilities.*

Share 2 dissemination targets to present your results.

- a) *Health Sector both public and private.*
- b) *Public and private health facilities providing PMTCT Option B+.*

How will the quad remain in contact?

*Holding regular monthly meetings to discuss nursing issues.*

Share 1 advice to ARC Faculty on how to improve future support.

*Increase funding to at least US\$20 000*



# Acknowledgements

- PEPFAR
- ARC Faculty
- MoH
- Luyengo Clinic



*Siyabonga - Thank You - Likomo*

