

The CQUIN Learning Network

Annual Meeting

M&E of DSD with Electronic Medical Records

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Swaziland National AIDS Programme

February 13-15
Maputo, Mozambique

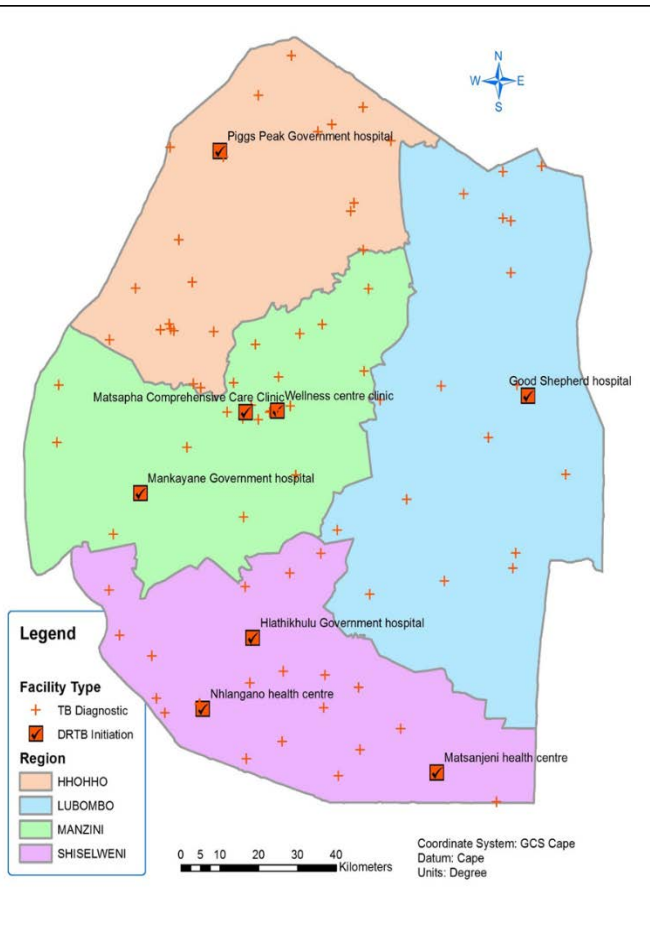


HIV LEARNING NETWORK
The CQUIN Project for Differentiated Service Delivery





Swaziland Health profile- HIV



- ❑ Population: 1.1 million
- ❑ HIV incidence: 1.4%
- ❑ HIV prevalence: 27%
- ❑ Four administrative regions
 - Regional Health Management Teams
- ❑ TB/HIV co-infection 70%
- ❑ MTCT 2% at 6 weeks
- ❑ 174 ART sites

- ❑ ART roll-out began in 2003
- ❑ 3 month refilling started in 2008
- ❑ Refilling-in-absentia started in 2008
- ❑ Test & Start started in Oct 2016
- ❑ RVLM started in 2012 but limited to 1 region
- ❑ RVLM expanded to all regions in Apr 2017
- ❑ Systems in place:
 - Paper system
 - APMR
 - RxSolution (pharmacy)
 - CMIS

Guiding documents



Ministry of Health

National Policy Guidelines For Community-Centred Models of ART Service Delivery (CommART) in Swaziland

SWAZILAND NATIONAL AIDS PROGRAMME (SNAP)

DIFFERENTIATED CARE FOR HIV CLIENTS IN SWAZILAND

[June 2016]



Ministry of Health

Standard Operating Procedures for Implementing Community-centred Models of ART Service Delivery (CommART) in Swaziland

Swaziland National AIDS Programme (SNAP)

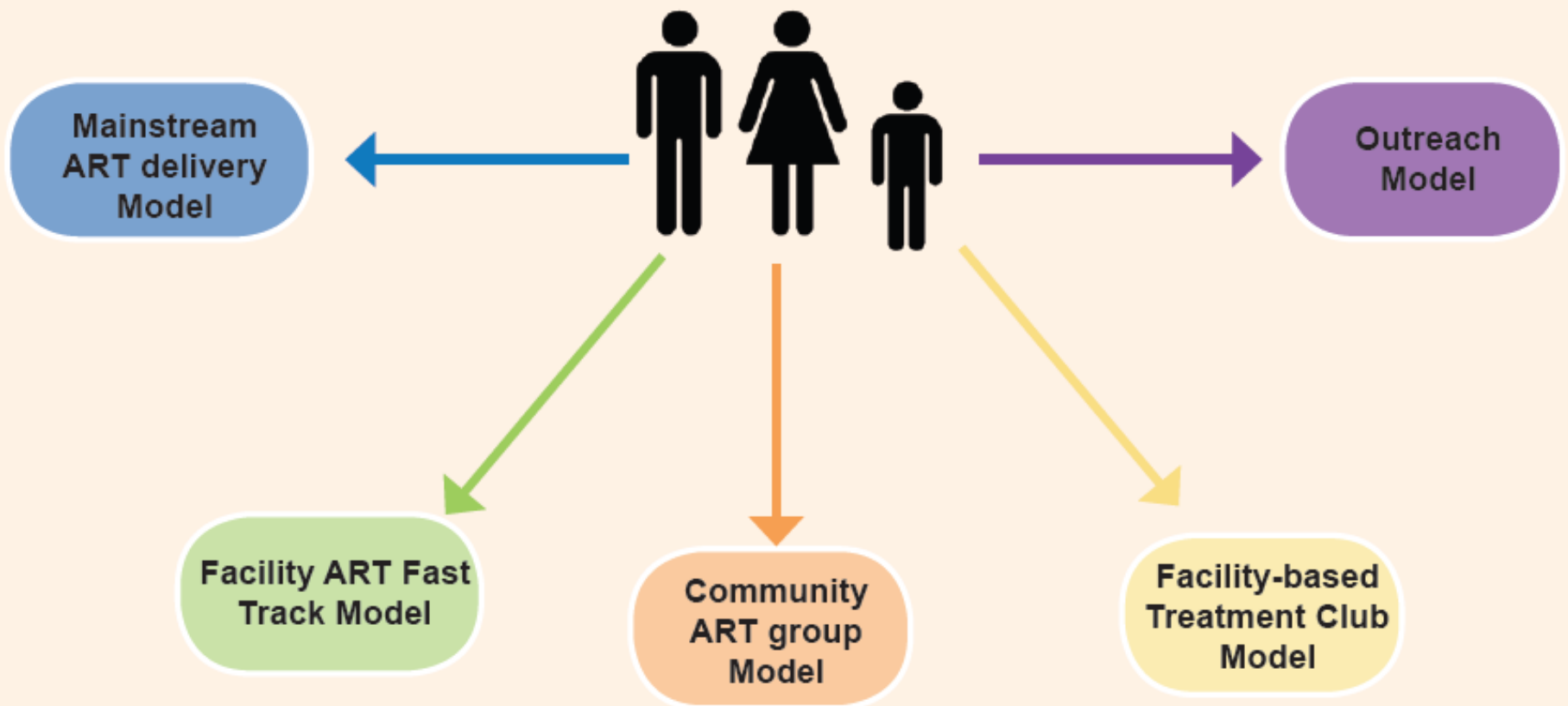
DIFFERENTIATED CARE FOR HIV CLIENTS IN SWAZILAND

[JUNE 2016]





Overview of DSD Models in Swaziland



“CommART”



Overview of Strategic Information Department (SID)

- ❑ SID provide support to the program on all data collection, analysis and reporting needs
 - *HMIS*: data tools, data systems, data collection
 - Development of systems, network support
 - DMT: Coordinates data cleaning & quality assurance, manages data requests
 - *M&E*: Data analysis and generation of reports, indicator compendium
 - *Epidemiology and Disease Surveillance*
 - *Research*
- ❑ *HISCC*: Committee guiding introduction of new tools and indicators



Swaziland

Health Information Systems

- ❑ Dual HIV data collection systems in use
 - HMIS: APMR- HIV Chronic Care
 - CMIS
- ❑ APMR system only at “mother” sites, “baby” sites’ data is send to mother sites for entry and reporting
 - Other systems: Paper-based (manual)
- ❑ APMR is currently being replaced by CMIS
- ❑ Data movement: Baby Facility → Mother Facilities → Regional → National
 - (old system)



Why DSD M&E?

What do clients really
prefer/want?
Do we know?

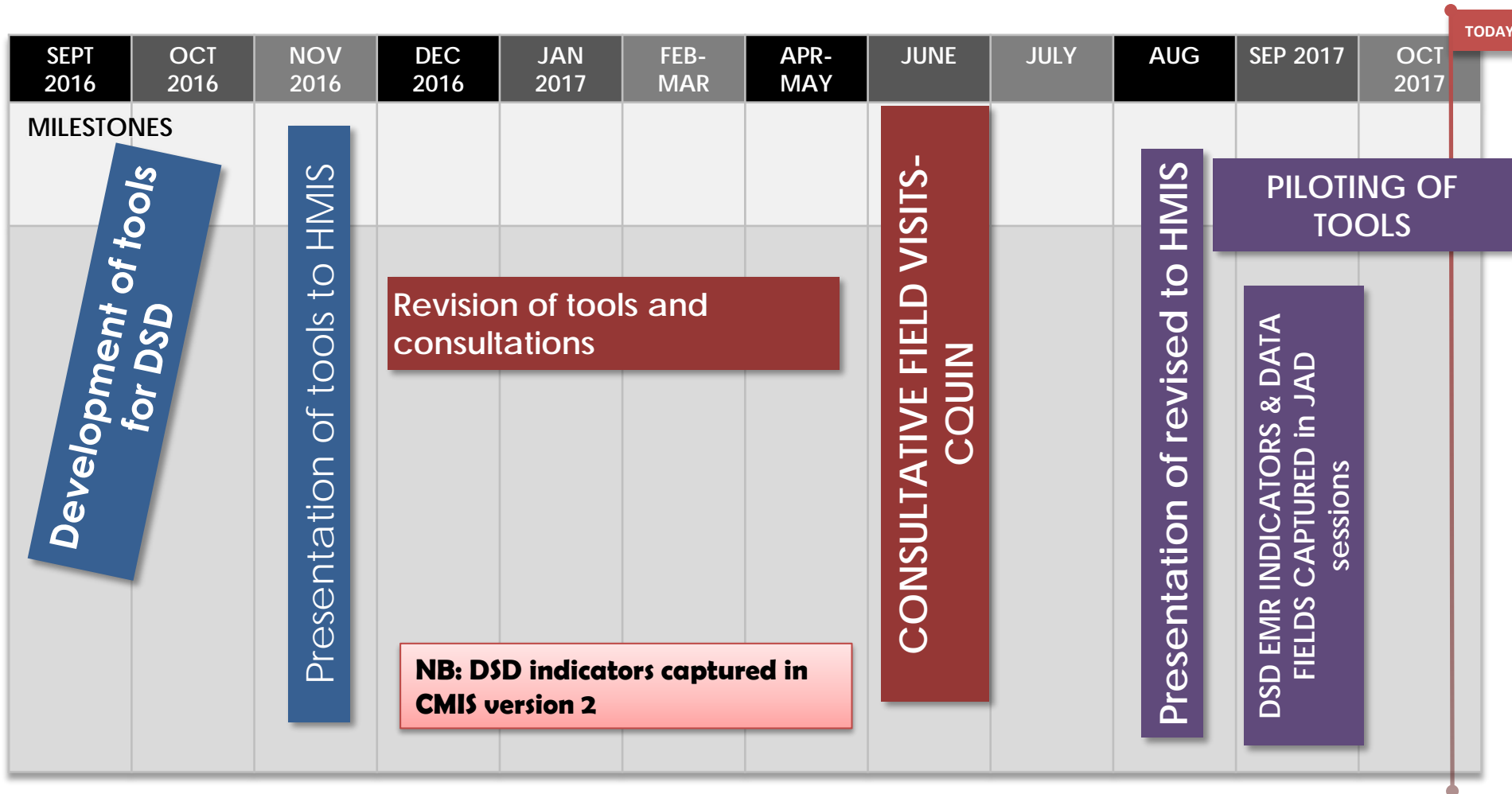
Are clients empowered
enough to self-manage?

Questions for
DSD MERL

Are outcomes
improving as a result of
DSD scale up?

Is quality of care being
maintained?

DSD M&E Roadmap





DSD/CommART M&E

- ☐ Registers developed in 2016
- ☐ 1st discussed at HISCC in Nov 2016
- ☐ Working together with HMIS, M&E and DSD implementing sites, finalised required data elements, indicators and adjustments necessary to CMIS
- ☐ Paper elements approved in August 2017 and are in use at selected sites
- ☐ Conducted a CMIS Joint Application Development (JAD) workshop in Sept 2017
- ☐ JAD incorporated the new data fields for DSD and will be available once version 2 goes live.



Priority areas for DSD M&E in Swaziland

1. Eligibility

2. Uptake of non-mainstream DSD models

3. Quality of care in non-mainstream DSD

- i. Access to viral load monitoring
- ii. Screening for NCDs
- iii. Provision of clinical assessments/ reviews especially in fast track

4. Outcome

- i. Retention
- ii. Adherence and Viral suppression
- iii. Unfavourable outcomes: Deaths and LTFU



CAG Register

Club register

[illegible]



☐ To adapt existing facility based monthly/ quarterly reports to create a DSD report

Reporting Facility: _____

Period reporting from: _____ to _____

Printed on: _____

Name of person who printed form: _____ Designation: _____

Signature: _____ Contact telephone number: _____

[illegible]



Client Management Information System



- Client Management Information System (CMIS) is patient-centred and patient healthcare outcomes driven.
- Real time web based system
- ICT for health infrastructure:
 - Government Wide Area Network-inter-facility
 - Local area network: intra-facility
- Unique Client ID
 - Patient Linkage,
 - Unified Systems





[ART Prototype Demo\index.html](#)



Status of Implementation: by region

Model	Hhohho			Lubombo			Manzini			Shiselweni			TOTAL	
	# Sites	# Clients		# Sites	# Clients		# Sites	# Clients		# Sites	# Clients		# Sites	# Clients
Treatment Clubs - incl. FCs	1	3		4	50		1	14		3	492		9	559
Treatment Clubs - Teen	16	1158		23	1119		17	650		20	815		81	3742
CAGs	13	156		1	50		6	133		13	610		33	949
Outreach	2	16		4	1220		3	220		2	101		11	1557
FT- 3 mo. (%)	32	20351 (57%)		11	5062+		26	32919 (87%)		30	20937 (87%)		99	79269 (66%)
Total	38	3369		35	2561		23	3382		27	4479		123	13791



Acknowledgements

- ☐ MoH Directorate
- ☐ RHMT
- ☐ HCWs
- ☐ CQUIN
- ☐ PEPFAR
- ☐ SID
- ☐ SNAP, NTCP & SRHU
- ☐ SWANNEPHA

THANK YOU!