HIV Learning Network
The CQUIN Project for Differentiated Service Delivery

icap Global Health

AHD-DSD implementation progress in Ethiopia

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Presentation Outline

- Optimizing DSD implementation and increasing diversity of DSD models
- Programmatic updates on AHD implementation
  - CQUIN Advanced HIV Disease Capability Maturity Model Results
  - Resources developed to support AHD DSD
  - AHD reportable data elements
- Challenges
- Nest step

Optimizing DSD implementation and increasing diversity of DSD models

- Conducted national DSD TWG regularly
- Tracked/monitored implementation of different DSD models focusing on site level practices, and quality of care in different DSD models
- Integrated all DSD tracking tools to DHIS2 system and EMR
    - Integrated DSD classification tools and registers into ART FUP, ART register, EMR, DHIS2 reporting
- Implementing DSD for AHD
- Prepared concept note and an implementation manual on new DSD models (DSD for ALHIV, DSD for MCH, DSD for 3MMD)

Treatment CMM 2022	Ethiopia
Policies	
Operational Guidance	
Diversity of DART services	
DSD Scale-up Plan	
Coordination	
Meaningful Community Engagement	
Training	
M&E System	
Procurement and Stock Management	
Less Intensive DART facility coverage	
Less Intensive DART Client Coverage	
Advanced HIV Disease	
DART Services for Key Populations	
TB/HIV	
Differentiated MCH Services	
Integration of FP into DART Models	
Quality of DART Services	
Impact of DART Services	

Programmatic updates on AHD implementation - Nov 2022 (1)

CQUIN Advanced HIV Disease Capability Maturity Model Results

				Impact
				Quality
Training				M&E of AHD
Engagement of Recipients of Care				Client Coverage 4: OI Management
Coordination				Client Coverage 3: OI Prophylaxis
SOPs				Client Coverage 2: OI Screening
Implementation Plan				Client Coverage 1: Testing for AHD
Guidelines			Supply Chain Management	Facility Coverage
Policies			Diagnostic Capability 2: Ois	Diagnostic Capability 1: AHD
Most mature domains				Least mature domains

Programmatic updates on AHD implementation - Nov 2022 (2)

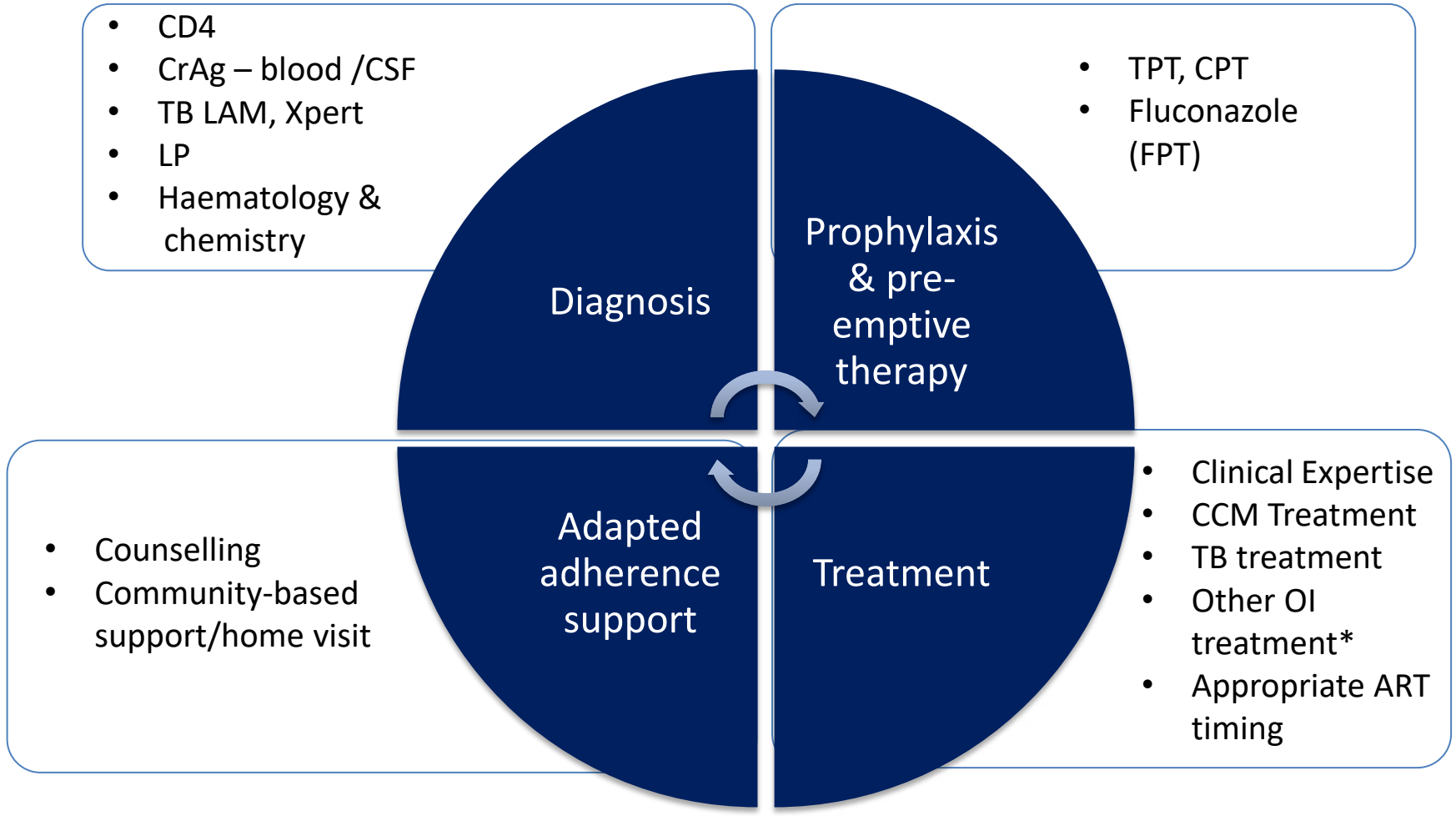
- Developed AHD policy and guideline documents which also incorporated updates from the new CCM WHO GL
- Provided AHD DSD training in collaboration with ICAP
  - 2-day AHD DSD orientation provided for **160 HCWs** across the nation mapped by Hub/Spoke approach.
  - By integrating AHD into ART training curriculum additionally provided **training for 1000+ HCWs & clinical mentors**
- Printed and distributed job aides in support of AHD DSD and M&E tools to track implementation of AHD DSD to all RHBs and HFs
  - Onsite mentorship in AHD DSD and use of AHD resources provided during tool distribution
- Existing AHD laboratory service availability determined (e.g., CD4 testing) and mapped
  - Coordinated PIMA CD4 reagent functionality and reagent distribution with EPHI and partner
- AHD pharmaceutical supplies needs determined and procured by EPSA under the leadership of MOH
- Extracted and reviewed AHD DSD indicators from the EMR from February-August 2022

Programmatic updates on AHD implementation - Nov 2022 (3)

AHD resources printed and distributed across the nation (4,391)

AHD Resource	Number Distributed
AHD DSD Implementation manuals	562
Integrated DSD client screening tool & AHD screening tool	562
AHD DSD Service Provision Form	381
Comprehensive AHD Register	264
3HP Flip Chart (Amharic for Provider)	460
AHD DSD Job Aids	2,162

Basic AHD Package of Care for Hubs and spokes mapped



**Kaposi sarcoma, PCP, Bacterial Sepsis, Toxoplasmosis*

AHD reportable data elements

	Indicator
1	# of PLHIV seen in ART clinic
1.1	# of PLHIV screened for DSD
1.1.1	# of PLHIV enrolled in Advanced HIV Disease – AHD DSD model
	A) Cryptococcus Meningitis (CM) screening
1	# of PLHIV classified as more intensive care and tested for CD4 test
1.1	# of PLHIV classified as more intensive care with CD4 count < 100 cells/ml
2	# Blood CrAg test performed
2.1	# Blood CrAg positive
2.1.1	# PLHIV with Sign and symptom of CM
2.1.1.1	# CSF CrAg test performed
2.1.1.1.1	# CSF result +ve
	B) Cryptococcus Meningitis (CM) treatment and prophylaxis
5	# initiated treatment on CM
6	# initiated fluconazole pre-amptive/primary therapy

	C) TB Screening
1	# Screened for TB
1.1	# Suspect / Presumptive TB
2	# Tested for CD4 test
2.1	# PLHIV with CD4 <200 at inpatient
2.2	# PLHIV with CD4 <100 at outpatient
3	# LF LAM performed
3.1	# LF LAM positive
	D) TB Treatment and TB prophylaxis therapy
4	# Initiated TB treatment
5	# initiated TPT
5.1	# 3HP
5.2	# 6HP

	E) Other OI
6	# OIs classified and documented other than CM and TB
	F) Referral and linkage
7	# AHD referred for care and treatment to HUB sites
	G) AHD DSD Model Change
8	# of clients changed AHD_DSD model to other DSD

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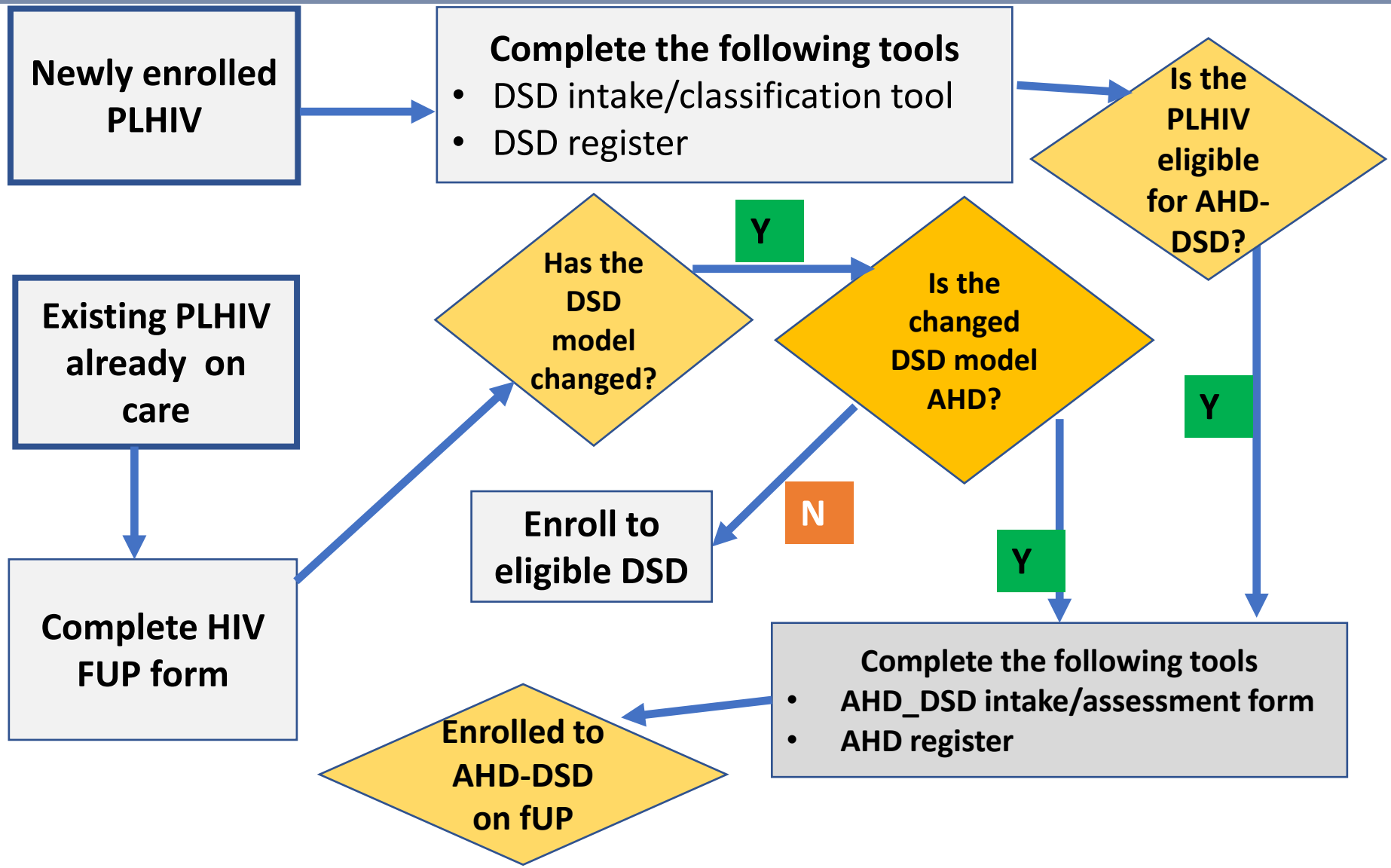
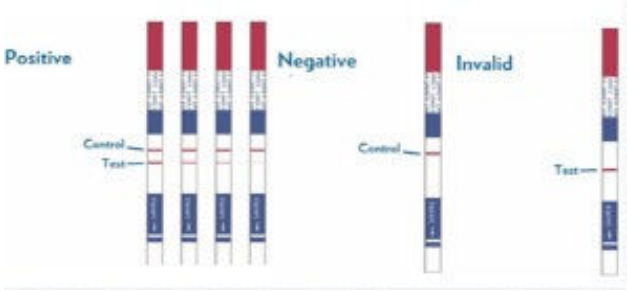
Steps to follow at sites for DSD and AHD recording tools



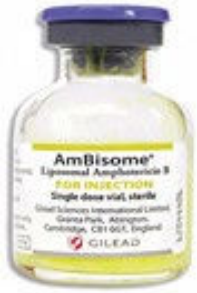
Challenges

Delay in availing AHD commodities:

- No CrAg lateral flow assay (CrAg LFA) kit



- No Fluconazole for pre-emptive
- No medication for CCM treatment including Fluconazole for AmB, L-AmB/Ambisome, 5-FC



Description of items	Unites	Quantity	status
Serology – Cryptococcal Antigen Lateral Flow Assay –	25tests	1,795	Tender under flotation.
Fluconazole – 200mg – Tablet	10x10	25,438	Performance bond is not received yet
Fluconazole – 100mg – Tablet	100	1,742	Procurement through wambo
Amphotericin B – 50mg in Vial – Injection (Liposomal)	Vial	11,367	Procurement through wambo
Flucytosine 500mg tablet	100	1,198	Procurement through wambo
CD4 reagent (PIMA)	Arrived in country and on distribution for sites with PIMA machine (<100 public HFs have PIMA machine)		
CD4 reagent (FACSPRESTO)	Not yet arrived in country		

Next steps in AHD implementation

- Strengthen AHD implementation through the hub and spoke model through the engagement of all actors including the recipients of care
- Closely work with EPSS to avail AHD commodities
- Strengthen integrated reporting of all DSD models with regular monitoring of AHD implementation

Tools

- 1. DSD M&E tools
- 2. AHD Guidance materials prepared – to be showcased at the CQUIN Tools Lab session on Friday

Thank you!