CQUIN Differentiated MCH Workshop

October 29, November 2, November 5

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Ministry of Health-Malawi
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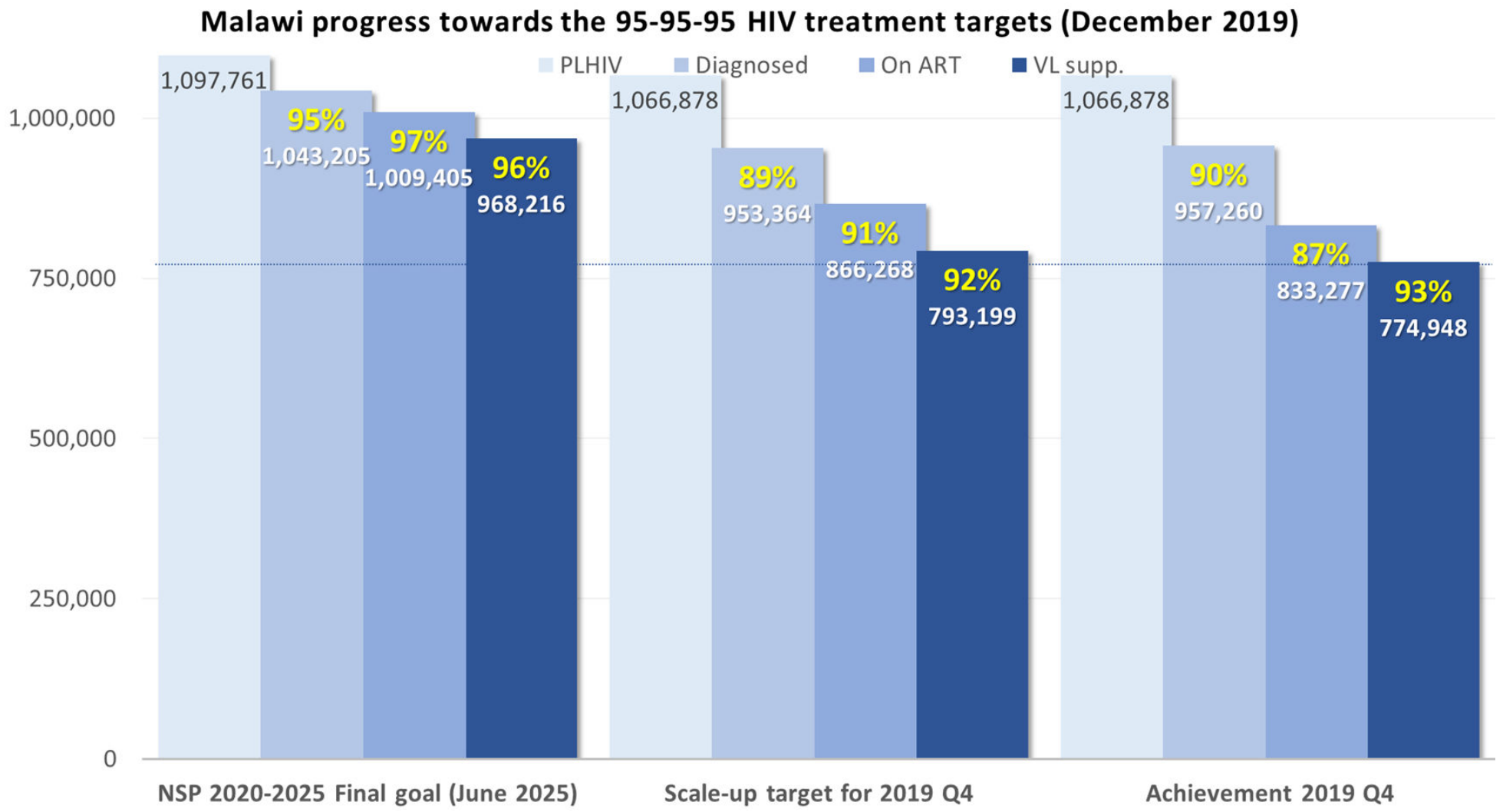
ICAP Columbia University Mailman School of Public Health

HIV LEARNING NETWORK
The CQUIN Project for Differentiated Service Delivery

HIV in Malawi-HIV prevalence 2020

	Children (0-14)	Women -15+	Men - 15+	Total
PLHIV	58,752	607,656	406,126	1,072,534
Prev.	0.72%	10.88%	7.73%	9.5%

HIV in Malawi-Progress towards 95-95-95



ANC –January –June 2020

- **20,136 (6.6 %)** out of 315,435 ANC women who had their HIV status ascertained
- **19,932 (99%)** out of 20,136 HIV positive ANC women were on ART
- **76 %** of women on ART were already on ART when starting ANC
- **95%** of the women were virally suppressed
- MTCT Rates (Spectrum estimates for 2020)
  - **2.2%** at 6 weeks after birth
  - **5.8** % at the end of breastfeeding period
  - **2,400** new child infections

HIV exposed Child Follow-up, Jan-Jun 2020

- **24,212** HIV exposed children were newly enrolled into follow-up between January to March 2020

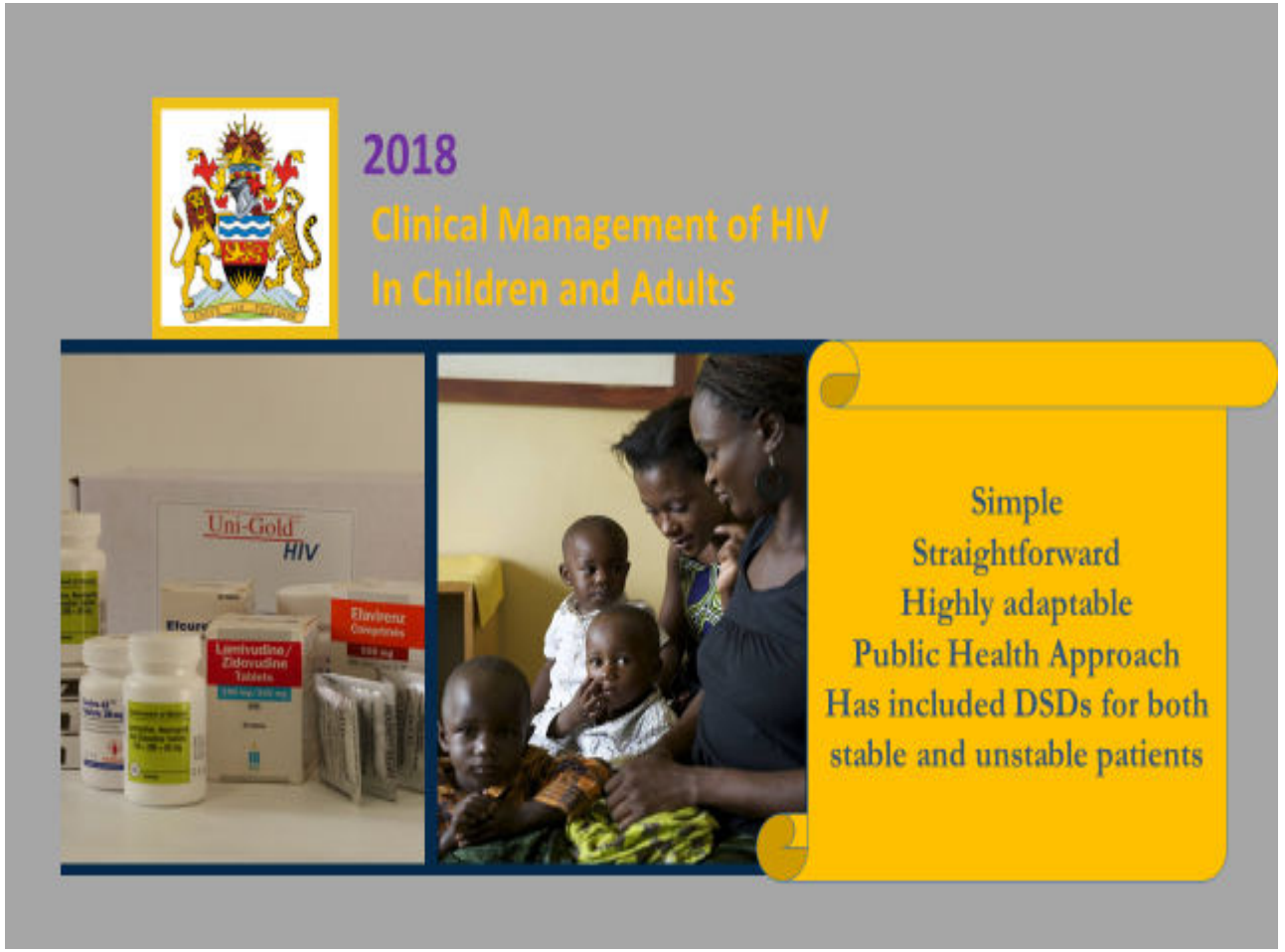
HIV status ascertainment in HIV exposed child follow-up

Age Cohort	Total Children Registered	Current HIV Infection Status Known	% HIV Ascertained
2 months	23,141	15,831	**68%**
12 months	23,522	17,119	**73%**
24 months	24,649	16,805	**68%**

- Confirmed HIV-free survival at age 24 months in this quarter was **72%.**

Policy and Treatment Guidelines

- Package of Services provided for MCH clients living with HIV (during pregnancy and beyond delivery)
  - Routine HIV Testing at ANC
  - ART initiation and refills right away at MCH for those who test positive
  - VL sample collection right away at MCH for those who are due
  - PMTCT care, support & Counselling at MCH
- **The HIV policy support DSD for MCH clients living with HIV.**



Policy and Treatment Guidelines

MODEL OF CARE FOR MCH TO SUPPORT RETENTION

- All clients are followed in MCH following MCH Schedules
- In ANC, they follow ANC Visit schedule
- In Postnatal;

1. At 7 days and 6 weeks for Postnatal checks and first DBS sample collection to the baby.

2. After 6 week postnatal check up, Monthly for the first 6 Months following Immunization schedules

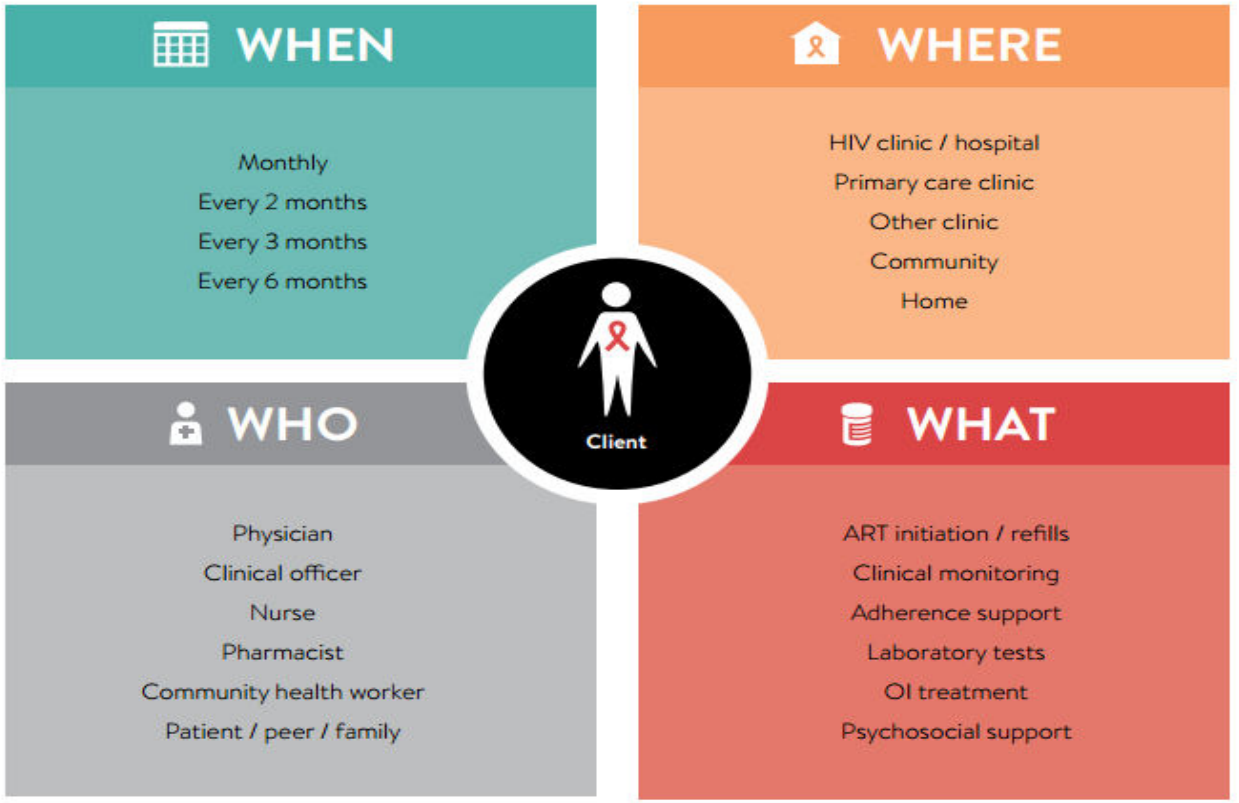
3. 3 Monthly to align with 9 month vaccine and first Rapid HIV test at 12 Month

Differentiated Services for MCH Clients using the DSD building blocks

DSD models available at MCH

- MMD for PW-3monthly maximum
- Enhanced Prophylaxis for HEI that is provided at ANC
- Mother-infant pair clinics
- Routine HTS
  - ***Adjustments were made regarding the Covid 19 guidance on the implementation of HIV services***

How each model is implemented using the four building blocks



DSD Policy and Guidelines

Model Of Care	Yes	No
MMD for PW	✓	
Enhanced Prophylaxis for HEI	✓	
FP integration with ART for Postpartum women		✗
One Stop Shop Model (Mom, Baby coordinated ART and Pediatric follow-up)	✓	
MMD for Mom-Baby CAG		✗
PrEP and FP for women at risk		✗
Other models: Antenatal clinic integration with ART	✓	

DSD Data on MCH

- Data for MCH Clinic is reported together with the general population & that covers VLS which are also done for those in the standard of care models who have attained their milestone.

MCH DSD Resources

- Clinical Management of HIV and TB in Children and Adults (2018 version)
- Job aids for the Clinical Management of HIV and TB in Children and Adults (2018 version)

What monitoring resources are you using to help track ANC/PP clients in DSD MCH models?

- ANC Registers linked to DHSI2
- Maternity register linked to dhsi2
- HTS register at MCH
- ART Registers
- ART reporting tools
- Maternity and ANC Reporting tools linked to DHSI2
- ART Master cards
- Exposed Child follow up Mastercard

What are the priorities for DSD for MCH clients

- All pregnant women are prioritized to start ART within MCH
- The appointment intervals are congruent with ANC Visits
- The main aim is to make sure that ANC HIV infected clients receive all ANC Services ***through service integration***

What are the challenges

- Health systems challenges
  - Infrastructure
  - Human resource
- EMR down times in sites with EMR
- Power outages/interruptions in selected facilities

Thank you for your attention

www.hiv.health.gov.mw

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