

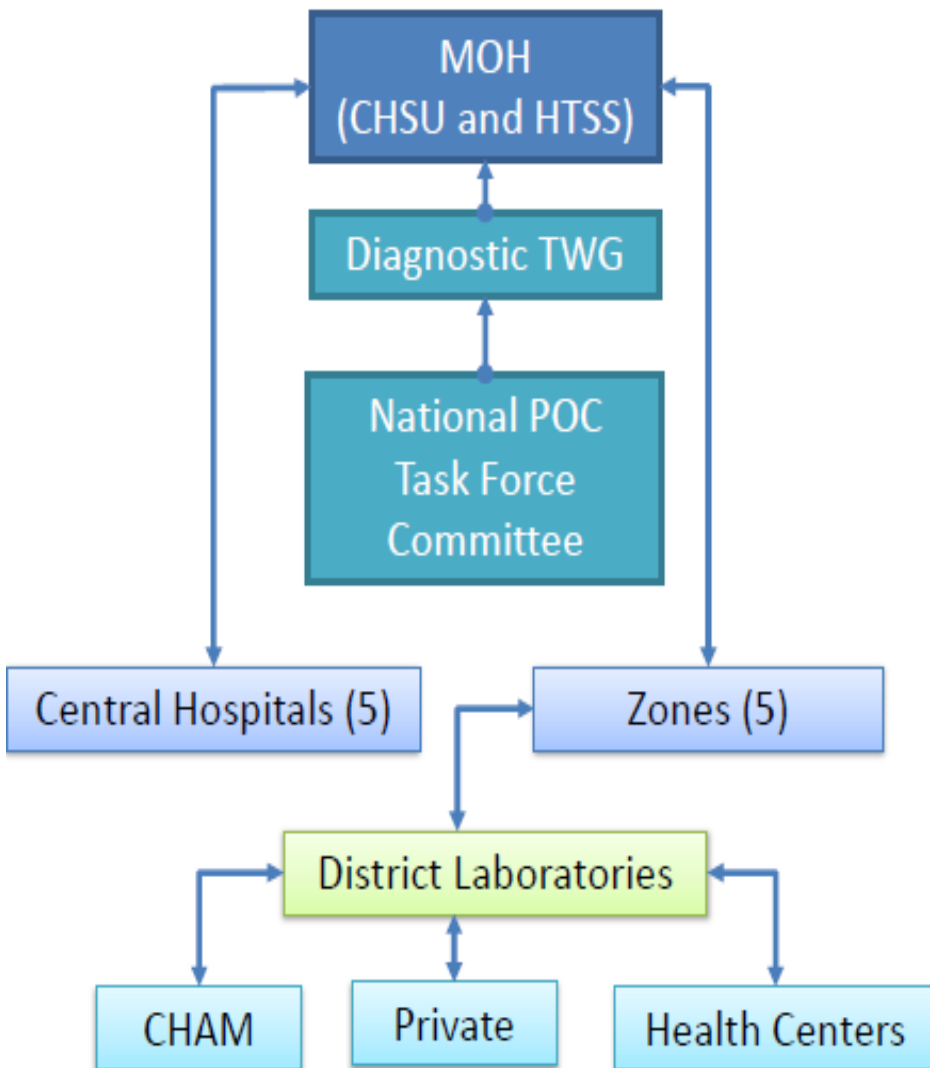
# POC Diagnostics Quality Assurance (QA) – Country Setup

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# Point-of-Care (POC) – Malawi Present Context

## National QA System: Centralized Model



Malawi has POC Implementation Guidelines and QA Manual

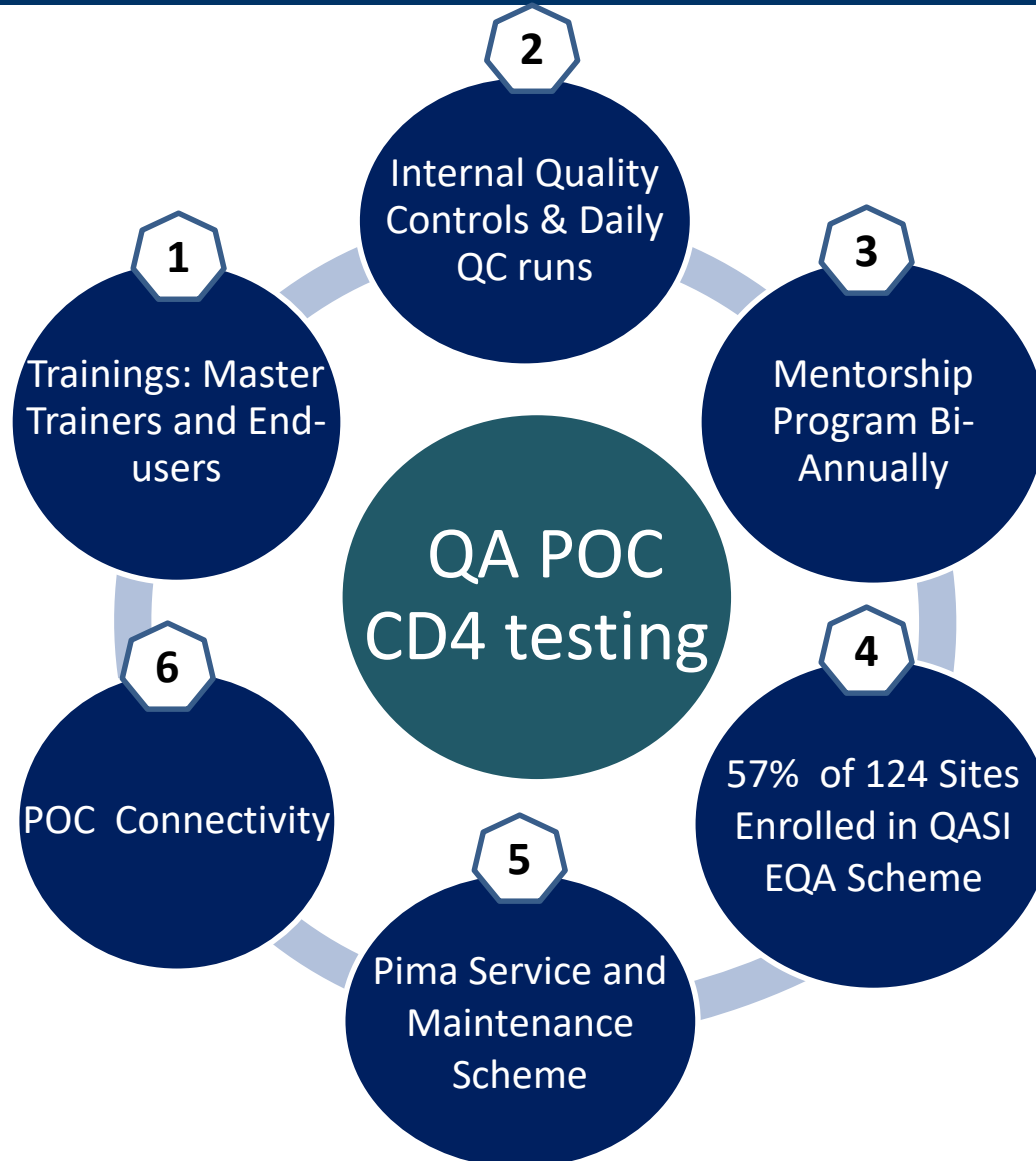
There are a total of 124 health facilities (out of 717 ART sites) which offer POC CD4 testing and 850 HTC sites across the country

Community Health Sciences Unit (CHSU) receives QA panels from QASI –Canada for POC CD4 EQA and prepares HIV PT –DTS panels for HTC sites and coordinates distribution to zonal supervisors

Zonal and Lab Supervisors distribute the panels and follow HIV PT and QA issues including corrective actions (mentorship, supervision)

\*POC Task Force and Diagnostic TWG are support structure for policy development and implementation

# Present QA Mechanisms in Place for POC CD4 Testing



# Some Insights on EQA and POC CD4 Mentorship

## External Quality Assurance Program

- 69 of 122 Pima sites enrolled in QASI EQA scheme
- EQA scheme coordinated by CHSU (the Malawi National Reference Lab )

EQA performance over the last 4 cycles

	Oct 2014	Jan 2015	May 2015	Jan 2016
Participation	62/69	66/69	68/69	49/69
Pass	59/62	62/66	57/68	39/49

NOTE: All failures have been followed up by CHSU for corrective action.

## Mentorship Program

Existing pool of 70 POC CD4 Master Trainers (trained lab techs and ART clinicians)

Supported centrally biannually—visiting all 122 sites each round.

Focus: service delivery, device operation, patient impact, on-job training,

MOH now fully in-charge of planning, coordination, management, and oversight of the activity.

# Challenges for POC EQA Implementation

**1** Getting proficiency testing samples to sites and getting reports back

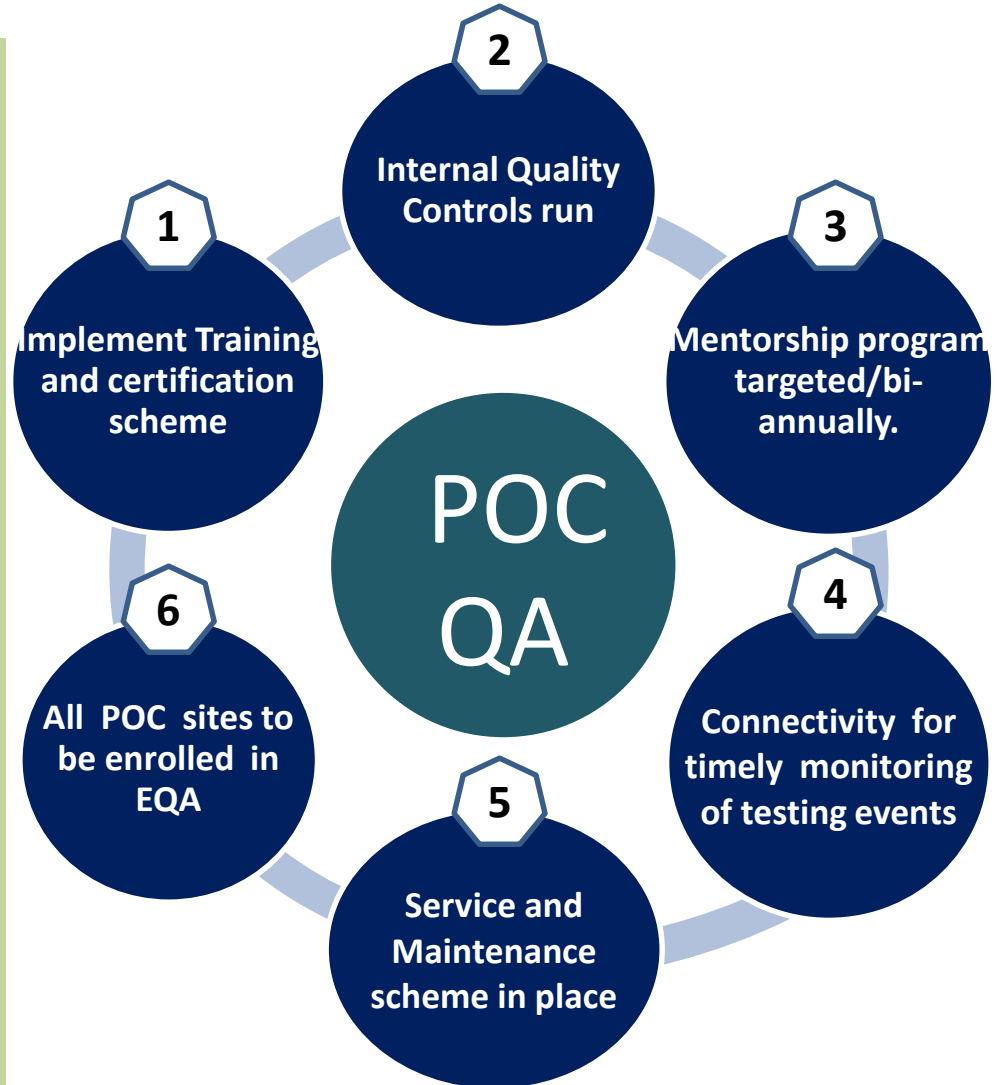
**2** Low EQA coverage for POC sites

**3** Lack of coordination among partners in implementation of POC EQA

**4** EQA for POC has no dedicated funding

# Considerations for QA model for quality assured POC testing across the country

- Identify source of PT panels for EID & Viral Load POC and decide on frequency of QA exercise
- Coordinate panel delivery system between programs
- mHealth solutions for reporting
- Ensure a well coordinated implementation with partners
- Timely monitoring of testing performance and for corrective actions through connectivity
- Costing the QA program



# Planned POC Testing Moving Forward in Malawi

Planning TB, EID & VL integration pilot using GeneXpert- September 2016

Planning on evaluating Samba II for EID (Samba I already in use for VL in one district)-Q4'2016

Planning national POC mapping in preparation for EID and VL POC scale up- Q4'2016

Evaluating pilot results for Alere Q – July 2016

Scaling down CD4 testing due to Test and Start-September 2016

Enrollment of all POC devices into the National EQA System- Q2'2017

# Feedback? Questions?

**Zikomo!**

**Thank You!**