

# *Theme 4: Quality Assurance & Control of Malaria Diagnostics*

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## Introduction

- Malaria RDT service is on place in all public health facilities countrywide (about 6000 health facilities)
- Roll out trainings of malaria RDT performance are on going to introduce the service in the **formal** Private health facilities country wide
- Malaria RDT performance is carried out by laboratory personnel and non Laboratory personnel

# Tanzania: Malaria RDT QA/QC Program

National mRDT QA/QC  
(Lot testing, Batch Releasing Test)



DISTRICT LEVEL mRDT QA/QC



Scaling-up mRDT  
Testing Accuracy  
(mRDT TA QC)



?? Device Validation  
(Operation research  
PCWs)

# mRDT Testing accuracy

## Testing deficiency

### Reading zone colouration



### Blood splatter

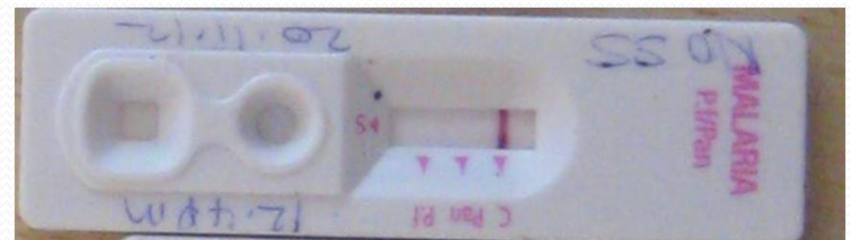


## Quality testing

### POSITIVE RESULTS

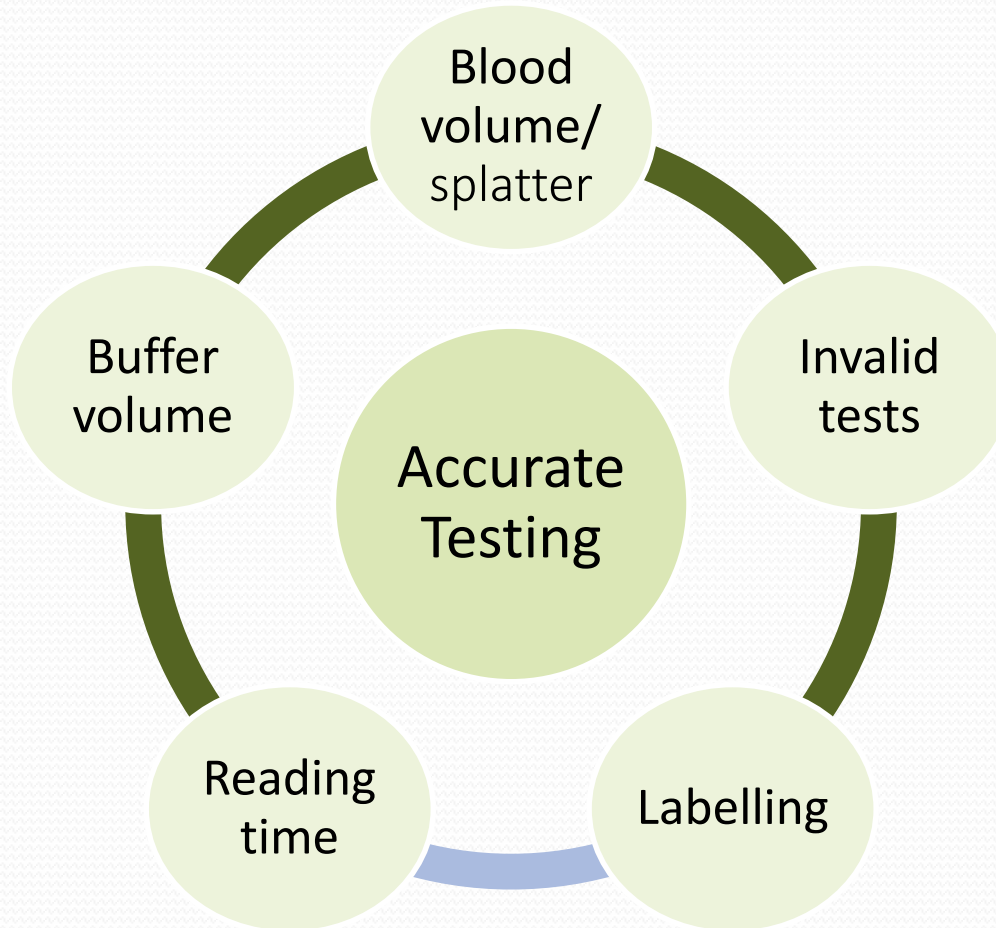


### NEGATIVE RESULTS



# What are we scaling up

- Quality monitors of the 5 core testing deficiencies



# Lessons learnt

- Malaria RDT TAQC scale up is feasible easily integrated into the existing district supervision system
- Retained used devices provide an avenue for assessing the performance of the tester without direct observation & can be used to classify providers performance
- Malaria RDT TA/QC is being implemented in **six regions** in the **formal private health facilities (PSI-UNTAID)** and eight regions in the public health facilities (**USAID-PMI**) and the rollout is on-going

# Challenges

- mRDT training focuses on 5 core testing deficiencies to improve testing quality by eliminating human error, there is no mechanism to monitor the validity of the devices at the POC
- Policy and regulations do not support the mRDT testing in drug outlets and community level

# Looking ahead

- Rollout the malaria RDT TAQC in both public and **private** health facilities country wide
- **Integrate the malaria RDT TAQC** component in all future malaria RDT trainings; **starting with on-going trainings in formal Private sector**
- Collaborate with **FIND in PSI-UNTAID** project to explore approaches (**Private & Public**) towards monitoring of validity of mRDT devices at the Point of care (Use of PCWs)
- Accelerate the on going consultative meetings with relevant authorities to create conducive environment to allow drug outlets to perform RDT testing





*Thank you*  
**AHSANTE SANA**