

Introduction of Negotiated Low-Cost mRDTs into Accredited Drug Dispensing Outlets (ADDOs) in Tanzania



NATIONAL
MALARIA
CONTROL
PROGRAMME



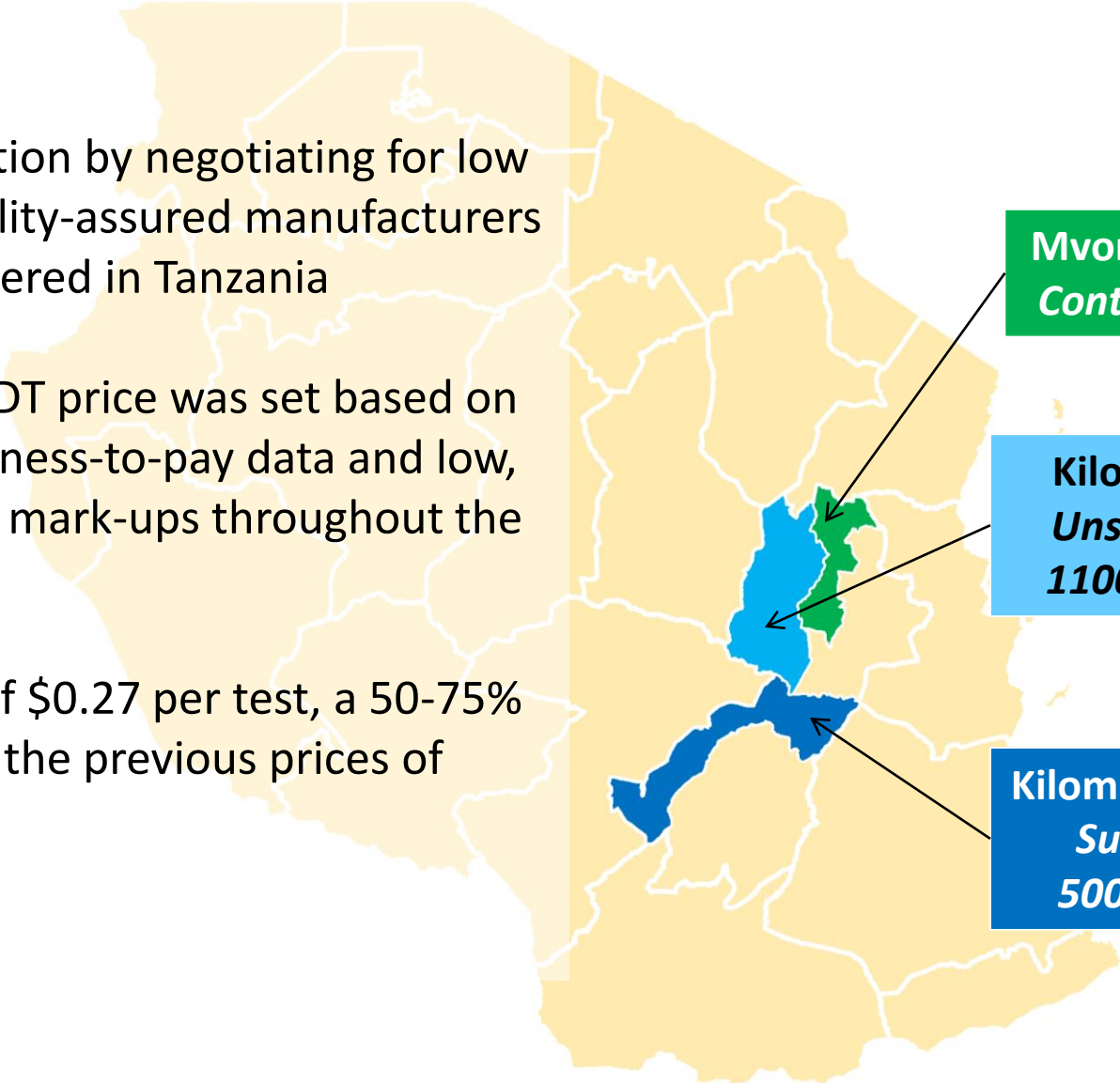
CLINTON
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INITIATIVE

Negotiations for low-cost mRDTs at the manufacturer level set the stage for an affordable recommended retail price (RRP) of 1,100 TSH for ADDOs

Began intervention by negotiating for low prices with quality-assured manufacturers of mRDTs registered in Tanzania

Negotiated mRDT price was set based on baseline willingness-to-pay data and low, but sustainable mark-ups throughout the supply chain

Average price of \$0.27 per test, a 50-75% reduction from the previous prices of \$0.60 to \$0.70



Mvomero District
Control: No RDTs

Kilosa District
*Unsubsidized:
1100 TSH/RDT*

Kilombero District
*Subsidized:
500 TSH/RDT*

The mRDTs in ADDOs pilot study focused on 3 key research questions:



Can mRDTs be performed **safely & effectively** in ADDOs?

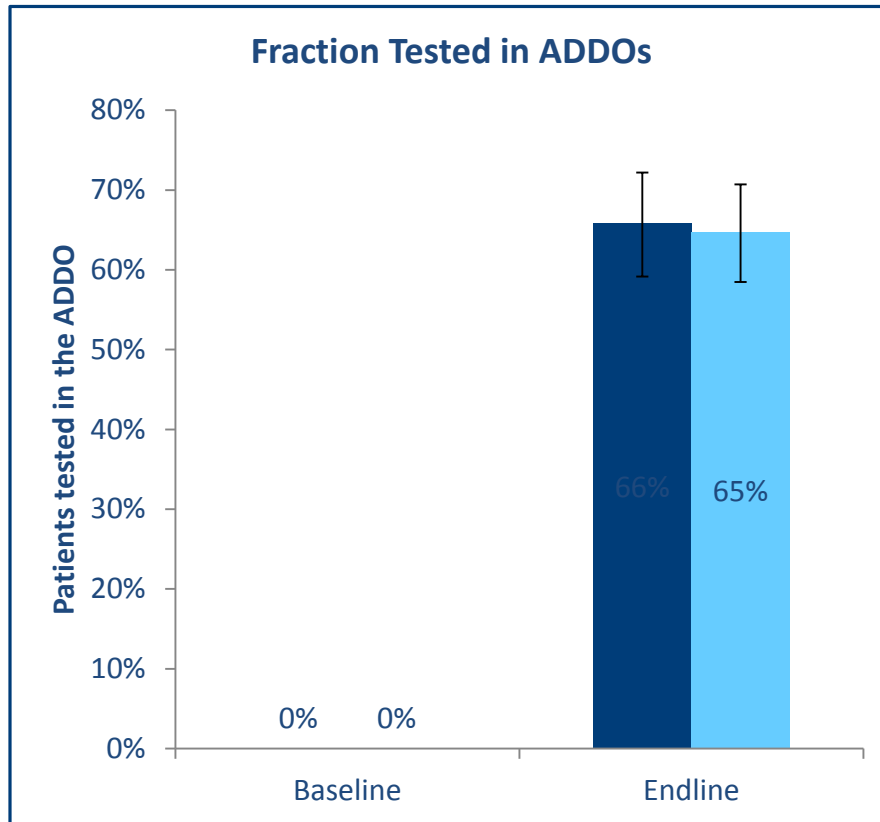


Does **case management** of malaria improve?



Is a **subsidy necessary** to encourage the use of mRDTs in ADDOs?

A subsidy applied to one of the two intervention districts did not lead to a larger fraction of people testing in the ADDO



Kilombero
RRP = 500 TSH
n=217

Kilosa
RRP = 1,100 TSH
n=247

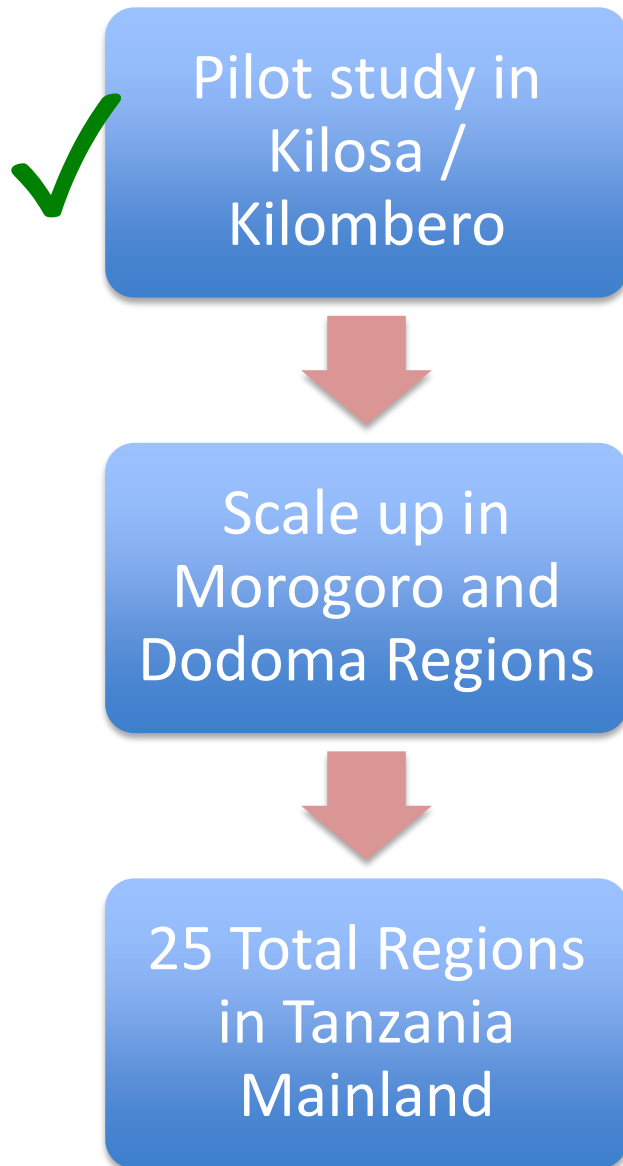
Impact of the Subsidy

- The % of people testing in ADDOs in Kilombero was **<2 percentage points higher** than in Kilosa
- There was **no statistically significant impact** on testing due to the subsidy ($p=0.91$)*

*Based on logistic regression of intervention and survey on fraction tested in the ADDO

Within the price range found in these ADDOs, mRDT price did not impact uptake.

The introduction of affordable, high quality mRDTs in ADDOs will be scaled up across Tanzania in 2016 and 2017



- Based on the results of the pilot study, no mRDT subsidy will be introduced
- However, preserving the negotiated low-cost of mRDTs and low, sustainable mark-ups throughout the supply chain will be essential to ensuring access to affordable mRDTs as ADDO scale up progresses

Discussion