

Adult Antiretroviral Therapy Optimization and Multi-Month Dispensing Scale-up, Putting Nigeria on Track to Achieve HIV Epidemic Control

CHALLENGE

What was the issue?

The 2018 Nigeria HIV/AIDS Indicator and Impact Survey put the national HIV prevalence at 1.4% and the viral load suppression rate at 80%, short of the UNAIDS target of 95%. Optimization of antiretroviral therapy (ART) and multi-month dispensing (MMD) are critical for the country to attain the second and third 95.

SOLUTION

What did we do?

- 1 National HIV stakeholders approved tenofovir-lamivudine-dolutegravir (TLD) in 2018.
- 2 Government-led transition plan to phase out legacy ART regimens and introduce TLD.
- 3 Scale up MMD with supply of TLD 90-count bottles.
- 4 Increased viral load and early infant diagnosis testing to monitor treatment outcomes.

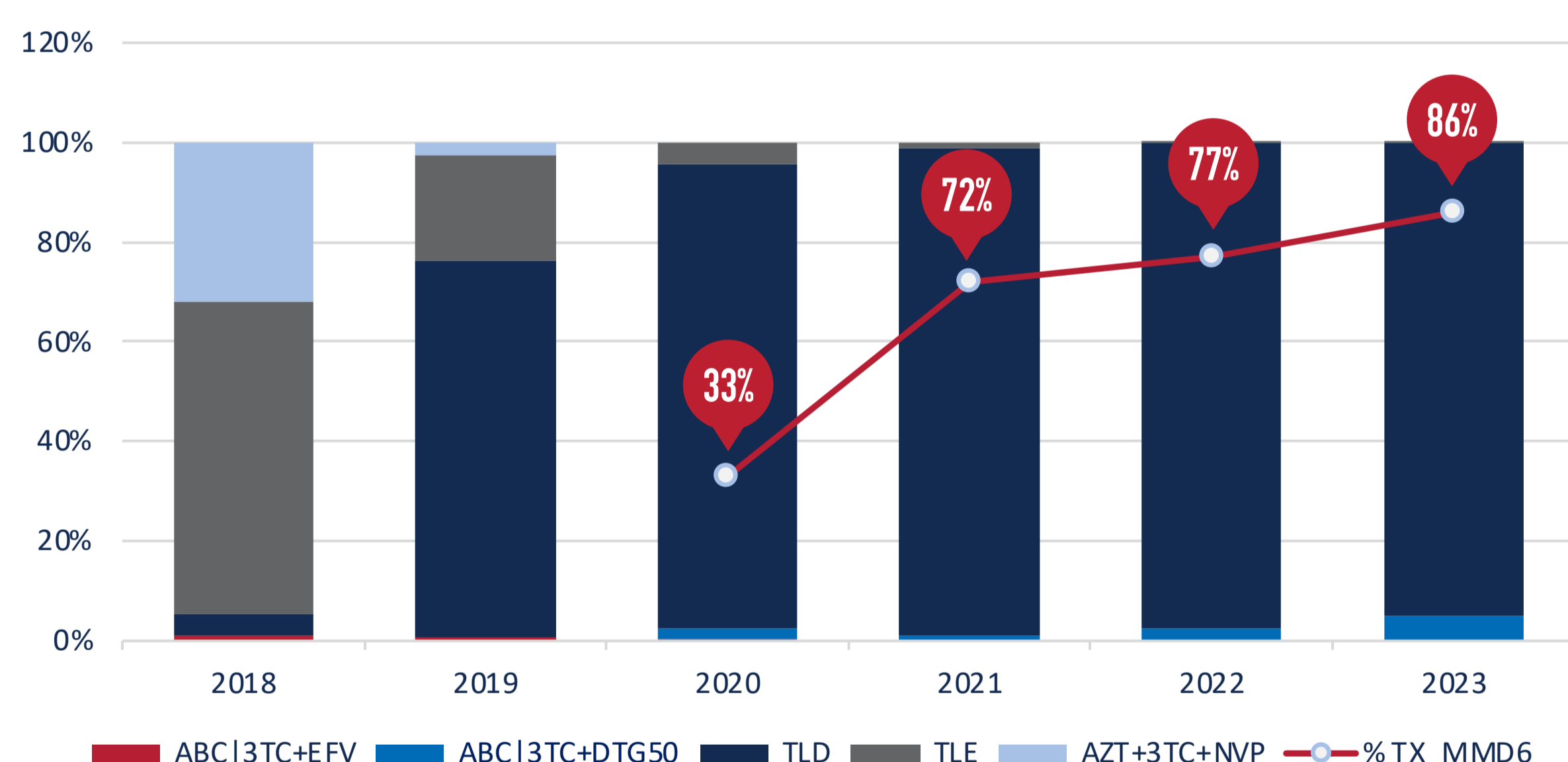
RESULTS

What was the outcome?

- 99% ART optimization achieved with 99% (1.89m) of first-line adult patients on TLD.
- 99% 99% (1.88m) of these are on MMD.
- 80% More than 80% on MMD6.
- 97% 97% viral load suppression in patients tested for VL.
- 500K Approx 500,000 bottles of TLD 90-count bottles distributed every two months.
- 2.3K 2,301 ART healthcare providers from 982 health facilities trained on TLD regimen.



Adult ART Optimization vs. MMD 6 Scale Up



*Tracking of MMD6 implementation commenced in 2020

LESSONS LEARNED

How has our work evolved?

- ✓ Collaborative planning by the government-led HIV quantification team prevented interruption of supply during TLD transition and MMD scale-up.
- ✓ Supply of larger 90-count bottles intensified MMD scale-up.
- ✓ Country-wide training on the use and benefits of DTG in ART for service providers helped sensitize to ART optimization efforts.

NEXT STEPS

Where do we go from here?

- Effective supply planning to ensure uninterrupted availability of TLD
- Continued MMD6 scale-up for client-centered care will improve treatment outcomes, measured over time by continued viral load testing improvements.
- At the current trajectory, Nigeria is on track to achieve HIV epidemic control by 2030 in line with the UNAIDS 95-95-95 target.

Authors: **Matthew Attah**, Director, Plan and Source; GHSC-PSM, **Mohammed Ibrahim Patiko**, Head Procurement and Supply Management; National AIDS and STDs Control Programme (Federal Ministry of Health), **Chidiebere Okorie**, Logistics Unit, National AIDS and STDs Control Programme, Federal Ministry of Health; **Uzoma Atu**, Logistics Unit, National Product Supply Chain Management Programme, Federal Ministry of Health, **Theophilus Faruna**, Director, Laboratory and Logistics Program; GHSC-PSM, **Bennett Urana**, Manager Forecasting and Supply Planning, GHSC-PSM, **Vincent Ajulo**, Senior Manager Monitoring and Evaluation; GHSC-PSM