

Conflict of interest disclosure

I have no relevant financial relationships with ineligible companies to disclose.



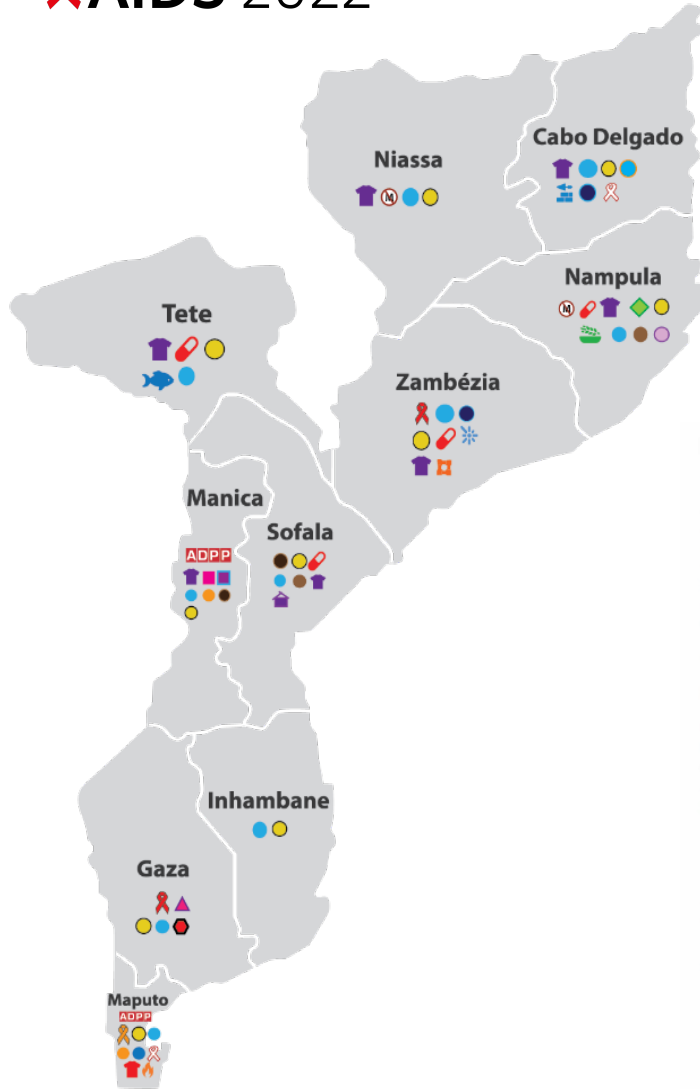
Innovations leading the way to HIV targets

DOTS PLUS: A promising approach to increasing adherence to Tuberculosis, Drug Resistant Tuberculosis and Antiretroviral HIV Treatment in Mozambique

Algy Abdula, ADPP MOZAMBIQUE



ADPP Mozambique



- ✓ A local Mozambican NGO created in 1982.
- ✓ Active in all provinces, employs over 3,000 staff.
- ✓ Impacting over 6 million people annually.
- ✓ Focus on community health & wellbeing, quality education, economic strengthening and the environment.
- ✓ Implementing People to People approaches; building local capacity and supporting people to share challenges, find local solutions and take action.
- ✓ Has implemented HIV and TB programs since 1998



Mozambique - Background

- ✓ Mozambique is among the high-burden countries for TB, TB/HIV and DR-TB;
- ✓ 84% of PLHIV knows their HIV status, 81% are on ART and 71% reach viral suppression;
- ✓ In 2021 there were 98.485 People with TB All Forms and 99% received C&T supported by One Stop Model;
- ✓ 25% of people with TB are co-infected HIV. The ARV treatment coverage in the country is at 95%;
- ✓ People co-infected with DR-TB/HIV was 45% in 2020 and reduced to 38% in 2021.

Although the co-infection (DR)TB/HIV has gone down.

Major challenges remains for people with DR TB/HIV to follow and complete TB treatment and stay on ARV!

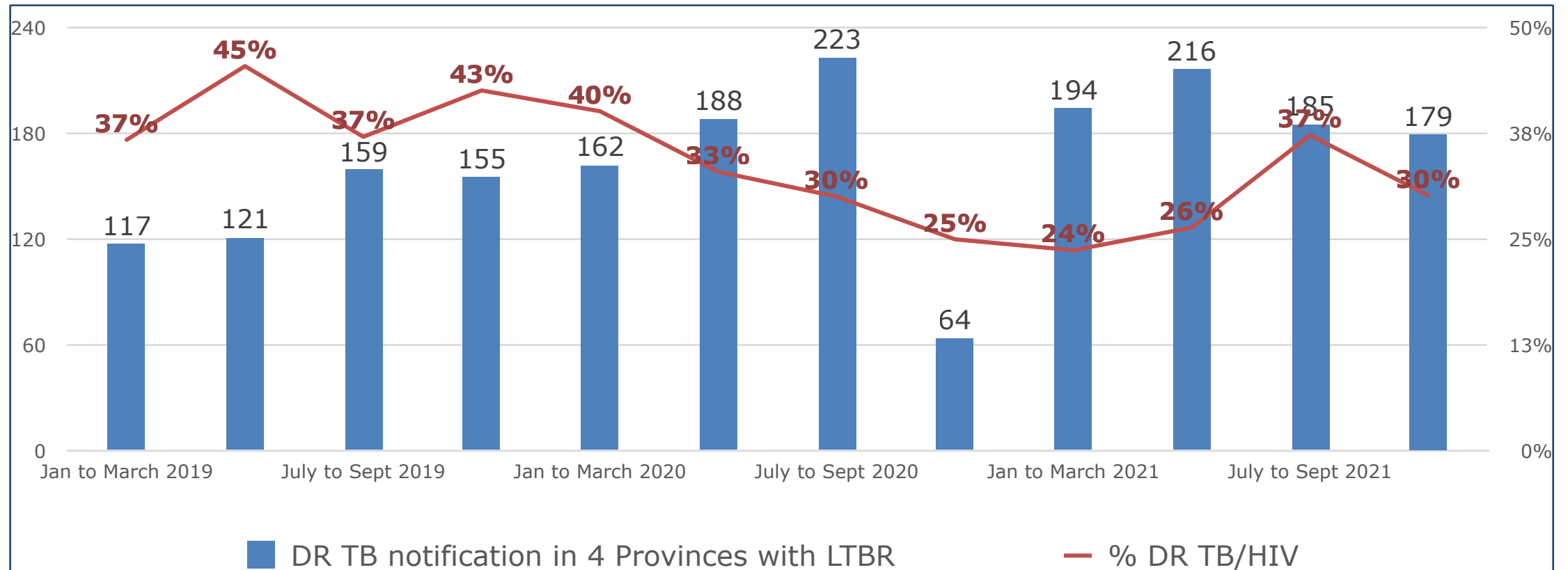




AIDS 2022

Challenge with high HIV co-infection rate

The Average DR TB/HIV Co-infection was 33,8% in the 4 Provinces where LTBR is being implemented



DR TB/HIV Treatment adherence is a challenge because of stigma and increased treatment associated cost (transport, food)



Local TB Response

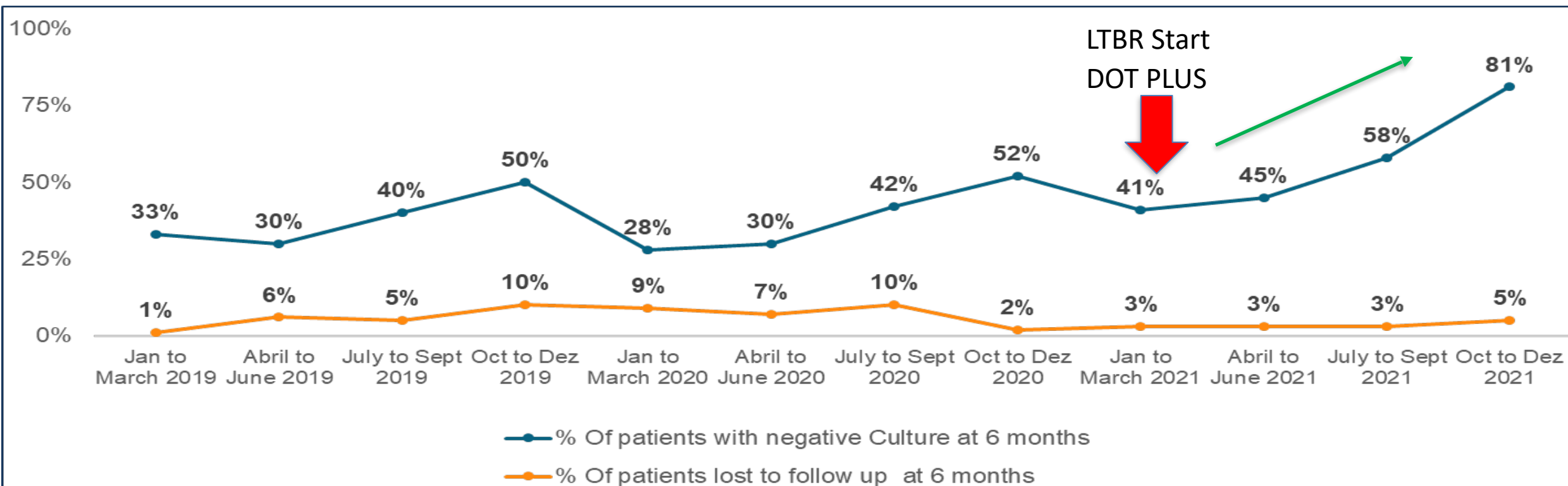
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- **ADPP leads the USAID-funded Local TB Response** (LTBR) project in 50 districts in 4 Provinces.
- **DOTs PLUS** is one key strategy to ensure correct and completion of TB treatment, where Activists provide service and support in the homes of people affected by TB and TB/HIV.
- Pioneer in providing **Psychosocial Support** to DR TB patients in their homes.

We work with the TB affected communities and the health system to build a People-centered Approach!



DOTS PLUS IMPROVED THE INTERIM RESULTS WITH NEGATIVE CULTURE AFTER 6 MONTHS OF TREATMENT



DOT PLUS - Activist support TB affected persons in their homes

- Activists give TB/HIV education to the TB affected person and family members and provide psychosocial support
- Help pick up the TB and HIV treatment from the health facility by filling up the pill box
- Monitor the treatment adherence and communicate with the health facility
- Support the patient to go to all treatment controls



LTBR Results

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From May 2020 to September 2021:

250 DR-TB patients received support from DOTS PLUS, with:

- **99% adhering to TB and antiretroviral drug treatments (for those living with HIV);**
- **65% achieving negative culture upon treatment completion;**
- **Zero lost to follow up!**



Why DOTS Plus is important?

- ✓ Bringing services to the people at community-level
- ✓ Assisting PLWTB and families to overcome barriers:
 - ✓ Emotional support
 - ✓ Building knowledge on prevention
 - ✓ Educating on correct treatment
 - ✓ Providing Nutritional education
 - ✓ Transport and food



Our health programs begin with the people and not with the disease!

Video: Greetings from Marta Anti



I got very sick with TB. My condition first started to improve when the Activist from ADPP started to visit me, and helped to pick up the treatment from the HF. Now I am much better and the pill box is also helping me not to fail to take the medication.

Lesson learned on what influenced DOTS PLUS Effectiveness

To close the gap with DR TB/HIV treatment adherence and completion;

❖ The Community response, Health Care workers services and Laboratory capacity and efficiency are 3 fundamental pillars that needs to work in an orchestra with each other.

- Activists and health care workers to be well trained to provide adequate person-centered care and treatment services;
- Activists well connected with the HFs and to provide DOTS Plus package of services;
- The involvement of Activists in active search for defaulters to reduce LTFU, which also influence the evolvement of DR TB to X-DR and death.
- The Lab capacity for early diagnosis and regular follow up including availability of consumables, effective Sample transport system and maintenance of equipment.

Conclusions

1. Providing **DOTS PLUS** for people with **DR-TB/HIV** is crucial for ensuring ***treatment adherence*** as it provides more wrap around care and follow up support, improving ***treatment success*** and reducing ***morbidity and mortality*** for people living with TB and HIV.
2. ADPP will continue to promote **DOTS PLUS** for all people affected by TB and HIV, working closely with the Ministry of Health, USAID, other partners – strengthening the national response.



OBRIGADO

Special thanks to
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