



Introduction to Unitaid new paediatric TB grants

Annual meeting of the Child and Adolescent TB working group,
9 October 2017, Kigali, Rwanda

Annemieke Brands, Global TB Programme, WHO Geneva

Unitaid Speeding Treatments to End Paediatric TB (STEP-TB) grant 2013-2017

- In 2013, Unitaid invested in the STEP-TB project led by the Global Alliance for TB Drug Development (TB Alliance) with WHO.
- The STEP-TB project helped to improve burden estimates, create a market for paediatric TB medicines, and, assisted countries to prepare for uptake through changes in policies and practices.
- Through active collaboration with pharmaceutical partners, child-friendly TB fixed-dose combinations were launched in December 2015.
- As of September 2017, 62 countries have ordered approximately 400,000 treatment courses.

But we need to find the missing cases to maximize impact of the child TB FDCs improve outcomes and reduce mortality!



What would make a difference?

- A more sensitive diagnostic tool easy to use at decentralized level of health care

But also:

- Active case finding to diagnose children early through contact investigation & integration of tuberculosis screening, diagnosis and treatment into other child health services such as HIV, nutrition and IMCI screening programmes
- Promotion of clinical diagnosis and empirical treatment when required
- Provision of preventive therapy to young children exposed to or infected with tuberculosis

Source: Jenkins et al. The Lancet, March 2017

New Unitaid Paediatric TB grants: Oct 2017- Sept 2021

- **Catalyzing Paediatric TB Innovation (CAP TB) – Elizabeth Glaser Pediatric AIDS Foundation (EGPAF)** -> strategies for case detection and optimizing service delivery/models of care to improve child TB case detection and management
- **Strengthening Paediatric TB services for Enhanced Early Detection (TB-SPEED) – University of Bordeaux and TB-SPEED consortium** -> Reduce childhood TB mortality through cost-effective and decentralized childhood TB diagnostic approaches to enhance case finding and access to treatment. This will include: optimizing diagnosis in children living with HIV and in malnourished children; diagnosis of TB in children with severe pneumonia; development of a package that will allow for decentralized lab-based diagnosis (Omni/Ultra; NPA + stool)

Other new Unitaid TB grant with a paediatric component: Oct 2017- Sept 2021

LTBI – IMPACT4TB led by the Aurum Institute

-> Reduce TB incidence among PLHIV and child contacts <5 living in low and middle income countries by contributing to sustainable scale up of 3HP (Isoniazid/Rifapentin).

Paediatric component in this grant: optimizing contact tracing strategies and trial to assess 3HP in children younger than 2 years (<10kgs)

2015 missing child TB cases in Unitaid-project countries



| Proposed project countries EGPAF (CAP-TB) | Proposed project countries UNIVERSITY OF BORDEAUX (TB-SPEED) | Proposed project countries AURUM INSTITUTE (IMPAACT4TB) | Project countries of the End TB MDR-TB grant | Missed child TB cases (0-14y) in 2015 |
|---|--|---|--|---------------------------------------|
| | | | Armenia | 86 |
| | | | Bangladesh | 28,927 |
| | | | Belarus | 312 |
| | | Brazil | | 5926 |
| | Cambodia | Cambodia | | -785 |
| Cameroon | Cameroon | | | 6200 |
| Côte d'Ivoire | Côte d'Ivoire | | | 3208 |
| | | | DPRK | 4461 |
| DRC | | | | 29,938 |
| | | Ethiopia | Ethiopia | -444 |
| | | | Georgia | 201 |
| | | Ghana | | 3481 |
| | | Haiti (tbc) | | 706 |
| India | | India | | 150,867 |
| | | Indonesia | Indonesia | 46,588 |
| | | | Kazakhstan | 808 |
| Kenya | | Kenya | Kenya | 1600 |
| | | | Kyrgyzstan | 343 |
| Lesotho | | | Lesotho | 956 |
| Malawi | | Malawi | | 2538 |
| | Mozambique | Mozambique | | 15,000 |
| | | | Myanmar | -20,930 |
| | | | Pakistan | 11630 |
| | | | Peru | 1841 |
| | Sierra Leone | | | 2500 |
| | | South Africa | South Africa | 3863 |
| Swaziland | | | | 223 |
| Tanzania | | Tanzania | | 12,297 |
| Uganda | Uganda | | | 4085 |
| | Zambia | | | 3724 |
| Zimbabwe | | Zimbabwe | | 3180 |
| | | | | 323330 |