Update from the (vice) chair

Ben Marais
Annual meeting of the Child and Adolescent TB Working Group
Hyderabad, 30 October 2019
Outline

• Epidemiology update (Global TB Report data 2019)
• Progress in notifications and TB preventive treatment provision
• Activities in 2018/2019
• Progress since UNGA HLM on TB
• Meetings and coordination
• Planned activities for the next year
• Acknowledgements
Epidemiology update

- An estimated **1.12 million children (<15y)** became ill with TB in 2018, ~50% <5 years
- Children represent ~10% of all TB cases; higher (~ 15%) in high burden countries
- An estimated **205,000** children died of TB, including **32,000** TB deaths (15.6%) among children living with HIV
- Data on TB among adolescents (10-19y) cannot be easily analysed as countries report on age groups 0-4, 5-14 years (children) and 15-24 - reporting mechanisms need further refinement
- In addition, researchers estimate that ~**70 million** children are infected with TB (have LTBI), while at least **25,000** develop multi-drug resistant TB every year

Child TB notification trend, 2011-2018

- Notified 0-14y
- Missing
- % 0-14 of total TB notified

Year | Notified 0-14y | Missing | % 0-14 of total TB notified
--- | --- | --- | ---
2011 | 200000 | 200000 | 5.0%
2012 | 400000 | 400000 | 5.5%
2013 | 600000 | 600000 | 6.0%
2014 | 800000 | 800000 | 6.5%
2015 | 1000000 | 1000000 | 7.0%
2016 | 1200000 | 1200000 | 7.5%
2017 | 1400000 | 1400000 | 8.0%
2018 | 1600000 | 1600000 | 8.5%
Progress in provision of TB preventive treatment

Provision of preventive treatment to under-5 HH contacts

- **Eligible**
- **Preventive treatment provided**
- **% receiving preventive therapy**

<table>
<thead>
<tr>
<th>Year</th>
<th>Eligible</th>
<th>Preventive treatment provided</th>
<th>% receiving preventive therapy</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>7.3</td>
<td>200,000</td>
<td></td>
</tr>
<tr>
<td>2016</td>
<td>12.4</td>
<td>400,000</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>22.5</td>
<td>600,000</td>
<td></td>
</tr>
<tr>
<td>2018</td>
<td>27.5</td>
<td>800,000</td>
<td></td>
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</tbody>
</table>
Case detection and prevention gaps

The case detection gap

<table>
<thead>
<tr>
<th>% of missing TB patients in different age groups</th>
<th>0-4 years</th>
<th>5-14 years</th>
<th>All &lt;15 years</th>
<th>All &gt;15 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Missing (under-diagnosis and under-reporting)</td>
<td>63.3</td>
<td>45.9</td>
<td>54.3</td>
<td>32.6</td>
</tr>
<tr>
<td>Reported</td>
<td>36.7</td>
<td>54.1</td>
<td>45.7</td>
<td>67.4</td>
</tr>
</tbody>
</table>

The prevention gap

In 2018, **72.5%** of almost 1.3 million eligible contacts <5 years did **NOT** access TB preventive treatment (TPT)

WHO recommends TB prevention including:
- [ ] Preventive therapy
- [ ] Infection control measures
- [ ] BCG vaccination

In the 158 countries for which data on BCG coverage are available, 120 reported coverage of at least 90% in 2017
Activities in 2018/2019

Farhana Amanullah
- elected to represent the Implementation Working Groups in the Stop TB Partnership Board (2019-21)
- Participation in the Strategic and Technical Advisory meeting on TB (STAG-TB) from 11-13 June 2019

Core team members
- provided input to the revision/updating of the Global Fund Modular Tool, which now includes children as a vulnerable population for TB
- Several partners (EGPAF, UNICEF, CDC, TAG, STP and WHO) set up the “Paediatric Operational and Sustainable Expertise Exchange (POSEE)” group to support countries with NSP development and GF applications
  - The group is preparing costing tools to assist countries in applying for child and adolescent TB funding
Progress since UNGA HLM on TB

- Roadmap translations:
  - Russian and Spanish in progress

- New field guide for managing MDR-TB in children
  - WG members provided input into “Management of MDR-TB in children, a Field Guide” – published by the Sentinel Project in February 2019 (Jen Furin, Simon Schaaf, James Seddon, Mercy Becerra ..)
  - WHO regional meetings (AFR March 2019; WPR April 2019; SEAR May 2019) - considering ways to reach the UNGA HLM targets for LTBI and DR-TB management; including sessions on children and adolescents
Progress since UNGA HLM on TB

- National TB Programme reviews with paediatric TB experts:
  - Mozambique, Nov 2018
  - Pakistan, Febr 2019
  - Papua New Guinea, May 2019
  - Nepal and Cambodia, June 2019
  - Liberia, July 2019
  - Myanmar, Aug 2019
  - Bangladesh and Cameroun, Sept 2019
  - Timor Leste (MTR), Sept 2019
  - eSwatini, Oct 2019
- Comprehensive tool for assessing child and adolescent TB programmes developed
- Alena Skrahina presented in The Union Asia-Pacific conference and provided a briefing to the NTP Philippines and WHO country office on the implementation new drugs and injectable free regimens in April 2019.
- Lisa Obimbo provided an update on childhood TB and launched a call for action to end Child and Adolescent TB during the Kenya Paediatric Association Conference in April 2019 and during the Kenya Lung Conference in June 2019.
- GF/TDR/WHO WCA TB organized a workshop to take forward best practices and lessons learned in TB case finding and treatment, with a special focus on community approaches and childhood TB, 1-3 July 2019
- Shakil Ahmed and Rina Triasih participated in the PPM working group meeting and a youth advocacy event in Jakarta 15-18 July 2019
Meetings and coordination

- Annual meeting of the CATWG – The Hague, 24 October 2018
- Core team meeting – The Hague, 25 October 2018; Core team calls April and September 2019
- First Paediatric Anti-TB Drug Optimization meeting (PADO-TB1) meeting, 14-15 February 2019
  - Consensus on priorities for single drug development for DS-TB, DR-TB and LTBI.
  - Priorities presented by WHO during the GAPf webinar on 27 February 2019
Planned activities for next year

For rest of 2019

- Planned regional meetings (focus on implementation of key actions from the Roadmap):
  - 26-28 November, Hanoi, Vietnam: inter-regional consultation for EMR/SEAR/WPR
  - Q1/2, 2019: Consultation on scalability of Unitaid paediatric TB projects, possibly as part of the AFR End TB summit (tbc)
- Development of a Child and Adolescent TB Handbook
- Update to the 2018 LTBI guidelines

For 2020

- Revise the 2014 Childhood TB guidelines
- Programme reviews (joint monitoring missions) with paediatric experts: India, SA, Indonesia
- Continue to highlight challenges and opportunities in all relevant fora; Promote research and development
- Continue to organize annual meetings of the Child and Adolescent TB working group with regional engagement of all relevant stakeholders
- Assist countries to move from single projects to programmatic approaches
Acknowledgements

- Farhana Amanullah, Chair
- WHO secretariat: Malgosia Grzemska, Annemieke Brands, Sabine Verkuijl
- Core team members
- Sentinel Project
- Implementation partners
- Funding agencies
- Researchers
- PADO participants
- National TB Programmes
- Paediatricians
- Healthcare workers
- Community volunteers
- Child TB advocates