Objectives of the meeting

Annual meeting of the Child and Adolescent TB Working Group

The Hague, The Netherlands, 24 October 2018

Annemieke Brands
Burden of TB in children and adolescents 2017

- 7.5 million children (0–14) infected with TB each year (Dodd et al, 2014)
- 1 million children (0–14 years) developed TB in 2017
  - 52% <5 year olds
- 727,000 adolescents (10–19 year-olds) developed TB in 2012 (Snow et al, 2018)
TB mortality 2017

10 million
TB patients in 2017

1 million
children (0–14 years) developed TB in 2017
52% <5 year olds

1.6 million
TB deaths in 2017

233 000
children (0–14) TB deaths in 2017

80% in children <5 years

96% of deaths in children who did not access TB treatment

39 000 (17%) deaths among children living with HIV

(Dodd et al, 2017a)

GLOBAL TB PROGRAMME

World Health Organization
The case detection gap

Overall 55% of estimated children with TB (0–14 years) are not reported to national TB programmes.

TB can be a cause or co-morbidity of common child illnesses, especially pneumonia and malnutrition. More specific tests are needed to improve diagnosis.

(Oliwa, 2015; Patel and Detjen, 2017)
The prevention gap

Globally in 2017, **over 75%**
(of 1.3 million eligible household contacts under 5 years of age)

**did not access preventive therapy**

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**
Today's programme on contact investigation & prevention

**Main purpose:** Exchange of global developments and country experiences

**Morning programme (8:30-13:00):** report from the Chair; a WHO policy update; an update on trials of TB prevention in children and pregnant women followed by country experiences from Uganda, Rwanda and Indonesia; and, a presentation of the results of the Titi-study conducted by the Union in Benin, Burkina Faso, Cameroon, and the Central African Republic (West and Central Africa).

At 10:30 we will take a group photo (just before the coffee break)

**Afternoon programme (14:00-17:00):** Country experiences from Brazil and the USA; a selection of recent papers including papers on contact investigation and preventive therapy; a session on preventive therapy for children and adolescents in contact with confirmed MDR-TB; and, a presentation on the pilot programme on DR-TB contact management in Eswatini.
A warm welcome to all!