

## 54. Critical updates on the treatment of TB-HIV co-infected children

**THE 46<sup>TH</sup> UNION  
WORLD CONFERENCE  
ON LUNG HEALTH**

CAPE TOWN, SOUTH AFRICA  
2-6 DECEMBER 2015

Sunday, 06 December 2015, 10:30 - 12:00

Room MR 2.44-2.46

Type of session	Symposium
Track	TB in children
Track2 (optional)	HIV and TB co-infection
Description	TB continues to be a major cause of morbidity and mortality in HIV-infected children. However important knowledge gaps remain on the treatment and prevention of drug-susceptible and multidrug-resistant TB in HIV co-infected children, and the programmatic delivery of TB care to HIV-infected children. This symposium will present emerging data on priority issues in paediatric TB-HIV management and discuss the implications of this information for current care and future research.
Target audience	<ol style="list-style-type: none"> <li>1. Clinicians, nurses, healthcare workers caring for TB-HIV co-infected children</li> <li>2. Programme managers involved in paediatric TB-HIV service delivery</li> <li>3. Clinical and academic researchers</li> </ol>
Objectives	<ol style="list-style-type: none"> <li>1. Present emerging data on pharmacokinetics of and interactions between ARVs and first- and second-line TB drugs</li> <li>2. Share updated data on treatment outcomes and challenges with delivery of TB care to HIV-infected children</li> <li>3. Discuss emerging challenges in the co-treatment of children with TB-HIV co-infection</li> </ol>
Keywords	Children; TB-HIV co-infection; pharmacokinetics
Coordinator(s)	Anthony Garcia-Prats (South Africa), Helen McIlleron (South Africa)
Chair(s)	Sharon Nachman (USA)
Presentations	<p><b>10:30 - 10:40</b> Morbidity and mortality in TB-HIV co-infected children on TB treatment initiated on ART in the PAANTHER cohort in Asia and West Africa Olivier Marcy (Cambodia)</p> <p><b>10:45 - 10:55</b> Understanding the contribution of HIV to the risk of developing tuberculosis in children: a systematic review and meta-analysis Pete Dodd (UK)</p> <p><b>11:00 - 11:10</b> TB screening and IPT delivery in HIV-infected children: Programmatic uptake and challenges in Mozambique WC Buck (Mozambique)</p> <p><b>11:15 - 11:25</b> Emerging challenges in the co-treatment of children with TB-HIV co-infection Helena Rabie (South Africa)</p> <p><b>11:30 - 11:40</b> Pharmacokinetics of the first-line TB drugs in West African children with and without HIV co-infection Awewura Kwara (USA)</p> <p><b>11:45 - 12:00</b> Discussion</p>