



**XVIth International Childhood TB Training Course:
15 - 20 September 2024**

**Desmond Tutu TB Centre, Department of Paediatrics and Child Health, Stellenbosch University
Course directors: Professor Simon Schaaf and Anneke Hesselning**

Epidemiology, Prevention, Diagnosis and Management of Drug-Susceptible and Multidrug-Resistant TB in Children including updated Guidelines, TB/HIV Management, Respiratory Viruses and Research updates

LOCATION: ATKV-Goudini Spa, Worcester (120km outside Cape Town)

TUITION DURATION: 4 full days (i.e. Monday - Thursday with Sunday and Friday reserved for travelling)

COST: USD2000 (this includes the following: airport/resort transfers, 5 nights' accommodation at course venue, all meals for duration of the course as well as the course material)

WHO SHOULD PARTICIPATE?

- Clinically qualified healthcare professionals with a specific interest in childhood TB. The main focus is on clinical patient care and management, including drug-resistant tuberculosis.
- Paediatricians with an infectious disease, pulmonology or public health interest.
- Healthcare professionals who are tasked with the care of children with TB, or who are involved with research in childhood TB.

WHAT WILL YOU LEARN?

- The course will familiarize you with the most important issues relating to the prevention and care of drug-susceptible and drug-resistant childhood TB including the latest guideline, and TB/HIV, particularly in resource-limited settings.
- We offer an interactive learning experience with experts in the field covering the basics of TB epidemiology and programmatic issues, but focusing specifically on the principles of clinical management and practical patient care for the spectrum of childhood TB disease. The course also provides an update on critical research areas in paediatric TB.
- It encourages the exchange of clinical experience, relevant research, international collaboration, community engagement and knowledge sharing between participants from high and low-burden settings. The on-site faculty can provide input on aspects of clinical research.

COURSE APPROACH

- A combination of learning techniques will be utilized including didactic lectures, interactive case discussions, group discussions and practical sessions. The approach is to focus on clinical relevance and to incorporate adult learning principles, to encourage academic and social interaction and to have fun.

MAXIMUM NUMBER OF PARTICIPANTS: 50

ACCOMMODATION

- Accommodation and meals will be provided on site • Accommodation will be fairly basic with 3-4 people sharing a chalet, 1 person per room and bathrooms shared by 2 - 3 people • A remote, rural but very beautiful venue has been selected (see course programme for details) to encourage networking and to make the best possible use of this learning opportunity • Towels & bedding are provided • Bring your swimming costume.
- See link: <http://www.atkvgoudini.caravanparks.co.za/>

REGISTRATION AND ADDITIONAL INFORMATION

Send an e-mail to Delphine Adams

Email: delphine@sun.ac.za

Subject: Childhood TB course 2024 & your country

Registration form will be emailed to you

REGISTRATION CLOSES 31 July 2024



International Childhood TB Training Course:
PROVISIONAL PROGRAMME

15 SEPTEMBER 2024: Arrival of Delegates – transfer to Goudini Spa, near Worcester (120km from Cape Town)

Day 1 (Monday 16 September 2024)

07:00-08:00 BREAKFAST
08:15-08:30 Welcome
08:30-09:00 Participant Introduction
09:00-09:40 The epidemiology of TB and its global impact on children
09:40-10:30 The TB care cascade, surveillance, recording and reporting of TB in children
10:30-11:00 REFRESHMENT BREAK
11:00-11:40 Principles of diagnosis of intrathoracic (pulmonary) TB in children
11:40-12:10 Clinical algorithms for the diagnosis of TB in children
12:10-13:00 An approach to CXR evaluation in children
13:00-14:00 LUNCH
14:00-14:40 A practical approach to the laboratory diagnosis of M.tuberculosis
14:40-15:20 Update on TB infection diagnosis and diagnostic biomarkers in TB
15:20-16:00 The use of advance imaging in the diagnosis of pulmonary TB
16:00-16:30 REFRESHMENT BREAK
16:30-17:30 Participant cases

Day 2 (Tuesday 17 September 2024)

07:00-08:00 BREAKFAST
08:15-09:10 Introduction to pharmacokinetics of first-line TB drugs in children
09:00-09:45 First-line TB treatment in children including shorter regimens and research updates
09:45-10:30 Epidemiology and diagnosis of MDR-TB in children
10:30-11:00 REFRESHMENT BREAK
11:00-11:45 Biomolecular diagnostics, gene sequencing and whole genome sequencing
11:45-12:30 Basic principles of MDR-TB treatment and prevention in children
12:30-13:00 Case Presentation
13:00-14:00 LUNCH
14:00-14:45 Drug adverse effects – monitoring and management
14:45-15:30 Research updates and priorities for paediatric RR-TB
15:30-16:00 REFRESHMENT BREAK
16:00-17:30 Participant cases

Day 3 (Wednesday 18 September 2024)

07:00-08:00 BREAKFAST
08:15-09:00 Pharmacokinetics, pharmacodynamics and pharmacometrics of second-line drugs: basic principles and emerging data
09:00-09:40 TB/HIV clinical presentation and diagnosis
09:40-10:30 TB/HIV treatment drug-drug interactions and a case or two
10:30-11:00 REFRESHMENT BREAK
11:00-11:40 TB preventive strategies in children and pregnancy
11:40-12:20 Maternal and Perinatal TB and perinatal TB exposure
12:20-13:00 Abdominal TB
13:00-14:00 LUNCH
14:00-14:40 TB and COVID-19 in children
14:40-15:20 TB meningitis: pathogenesis, treatment and post TBM sequelae
15:20-16:00 Post-TB lung health in children and adolescents
16:00-16:30 REFRESHMENT BREAK
16:30-18:00 Participant cases
19:00 PICNIC

Day 4 (Thursday 19 September 2024)

07:00-08:00 BREAKFAST
08:15-09:00 Peripheral mycobacterial adenitis, BCG complications and non-tuberculosis mycobacterial disease in children
09:00-09:45 Socio-behavioural considerations to children and families affected by TB
09:45-10:30 Osteoarticular TB
10:30-11:00 REFRESHMENT BREAK
11:00-11:45 TB vaccines update – state of the art
11:45-13:00 Chest X-ray practicum
13:00-14:00 LUNCH
14:00-14:45 Research priorities in children and need for capacity building
14:45-15:00 Course evaluation
15:15-19:00 FREE AFTERNOON/SHOPPING/WINE TASTING
19:00 FAREWELL DINNER SOUTH AFRICAN STYLE AND CULTURAL EVENING

Day 5 (Friday 20 September 2024) Breakfast and Check Out before 11:00

