

Training Workshop on
**"Improving the Quality of Care for Children with
TB and Drug- Resistant TB"**
June 17-19, 2013
Chennai, India

Organised by
The National Institute for Research in Tuberculosis
In collaboration with
Sentinel Project on Pediatric Drug –Resistant Tuberculosis



The Sentinel Project on Pediatric Drug-Resistant Tuberculosis

Funded by
The Stop TB Department, WHO, Geneva



Training Workshop on
"Improving the Quality of Care for Children with
TB and Drug- Resistant TB"

Co-ordinators

Dr. Soumya Swaminathan, MD
Director NIRT, Chennai

Dr. Jennifer Furin, MD, PhD
Case Western Reserve University, USA

Dr. Fraser Wares, MPH,
Stop TB Department, WHO.

FACILITATORS

Dr. Soumya Swaminathan, MD, NIRT, Chennai
Dr. Jennifer J. Furin, MD, PhD, CWRU, Ohio, USA
Dr. Fraser D. Wares, MPH, Stop TB Department, WHO, Geneva
Dr. Carlos Perez Velez, MD, UACM, Arizona USA
Dr. R.S Gupta, DDG-TB, CTD, New Delhi
Dr. Malik Parmar, National Consultant-DRTB, CTD, New Delhi
Dr. Sangeeta Sharma, MD, LRS Hospital, New Delhi
Dr. Camilla Rodrigues, MD, Hinduja Hospital, Mumbai
Dr. Petros Isaakidis, MD, PhD, MSF, Mumbai
Dr. Joy Sarojini Michael, MD, CMC, Vellore
Dr. Lakshmi Murali, MD(TB&RD), STO, Chennai
Dr. MS Jawahar, MD, NIRT, Chennai
Dr. Geetha Ramachandran, PhD, NIRT, Chennai
Dr. Beena Thomas, PhD, NIRT, Chennai

Local Organising Committee

Dr. Dina Nair (dinanair73@yahoo.co.in)
Dr. Pooranaganga Devi (drpooranadevi@yahoo.co.in)

About The Sentinel Project on Pediatric Drug-Resistant Tuberculosis

Pediatric drug-resistant tuberculosis is both a preventable and curable disease. Every child who dies with drug-resistant tuberculosis is a sentinel for both ongoing transmission and inadequate treatment delivery systems.

The Sentinel Project on Pediatric Drug-Resistant Tuberculosis is a global partnership of researchers, caregivers, and advocates who share a vision of a world where **no child dies from this curable disease**. The project collaborators aim to raise the visibility of this vulnerable population of children, and to share evidence and resources that can increase children's access to prompt and effective treatment.

The workshop aims and objectives

Drug resistant TB in children is a neglected problem. Due to the challenges in diagnosis, it is often missed or delayed. Treatment can be quite successful but must be initiated in a timely manner. There is a great need for a group of well-trained doctors in the country, who can guide and mentor others in the management of DRTB in children.

The Sentinel Project Learning Collaborative aims to improve the diagnosis and treatment of all forms of childhood TB, with particular and special attention given to DR-TB, for children and families. For this to be achieved successfully, local leadership must be identified and empowered to actually diagnose and treat pediatric patients with TB. Local engagement and ownership of the programme, with ongoing input from pediatricians, is key in making a difference in the actual diagnosis and treatment of children with all forms of TB, including DR-TB.

This goal of this training workshop on **"Improving the Quality of Care for Children with TB and Drug-Resistant TB"** is to provide locally relevant baseline training for state teams on pediatric TB/DRTB. This workshop will be the first step to the start of a mentorship process for ongoing activities to improve the quality of services provided to children in the country.

Expected Outcomes of the workshop

To have trained a group of national experts on the management of pediatric DR-TB who will serve as trainers and mentors in their respective states.

To identify the high priority operational research issues in the field of DR-TB in children.

To identify barriers and facilitators in including children in PMDT in India and provide feedback to CTD on the actions required.

Venue:

Conference Room, Patient Care Facility Building
National Institute for Research in Tuberculosis
(Formerly The Tuberculosis Research Centre)
No.1, Sathiyamoorthy Road, Chetput
Chennai - 600 031, India
Ph: 91 44 28369500
Fax: 91 44 28362528

Registration:

Registration is free. Maximum number of participants is 30. Selection is purely on first-come first-served basis. To confirm your participation please send an email to:

Dr. Dina Nair (dinanair73@yahoo.co.in) mob no.09962044855

Dr. Pooranagangadevi (drpooranadevi@yahoo.co.in) mob no. 09487260546

Mr. Senthil Murugan R (senthil_murugan@trchennai.in) 04428369535

PROGRAMME SCHEDULE

Day 1: June 17, Monday

8.30-9.00 am	Registration	
Inauguration		
9.00-9.10 am	Welcome & objectives of the workshop	Dr. Soumya Swaminathan
9.10-9.20 am	Inaugural Address	
9.20-9.45 am	Introduction of participants Group photo	
Session : Epidemiology – Global and Indian Scenario		
10.00-10.30 am	An overview of the global and local epidemiology of DR-TB in the context of pediatric TB	Dr. Soumya Swaminathan
10.30-11.00 am	RNTCP response to MDR/XDR-TB	Dr. R.S. Gupta
Tea/Coffee		
Session : Diagnosis – Challenges and Ways Forward		
11.30-12.00 pm	Diagnosis of DR-TB in children – Consensus case definitions for TB in Children including DR-TB and issues in specimen collection	Dr. Carlos Perez-Velez
12.00-12.30 pm	Newer TB diagnostics in children- Role of Gene Xpert	Dr. Joy Sarojini
12.30-1.00 pm	Understanding DST in TB	Dr. Camilla Rodriguez
Lunch		
2.00-2.30 pm	RNTCP algorithm for TB diagnosis in Children	Dr. Lakshmi Murali
2.30-3.30 pm	Case discussions-on diagnosis	Dr. Jennifer Furin
Tea/Coffee		
4.00-5.00 pm	Practical issues in the diagnosis of DR-TB in children	Break out session

Day 2: June 18, Tuesday

Session : Management of Pediatric DR-TB		
9.00-9.45 am	Treatment of pediatric DR-TB and monitoring of adverse events	Dr. Carlos Perez-Velez
9.45-10.30 am	Programmatic Management of DR-TB in children - practical approach to weight-based dosing	Dr. Jennifer Furin
10.30-11.00 am	LRS Experience in Treating Pediatric DR-TB	Dr. Sangeeta Sharma
Tea/Coffee		
Session : Adherence, Monitoring and Evaluation		
11.30-12.00 pm	Optimizing Care of MDRTB in the community, with a focus on HIV co-infection and malnutrition	Dr. Petros Isaakidis
12.00-12.30 pm	Social determinants and challenges in dealing with pediatric DR-TB - The way forward	Dr. Beena Thomas

12.30-1.00 pm	Programme monitoring and evaluation, including registers and forms	Dr. Mallik Parmar
Lunch		
2.00-3.30 pm	Case discussions-on management of DR-TB	Dr. Sangeeta Sharma Dr. Jennifer Furin
Tea/Coffee		
4.00-5.00 pm	Pediatric formulations: new directions and practical advice	Break out session

Day 3: June 19, Wednesday

Session : Prevention Strategies and Infection Control		
9.00-9.30 am	Prevention strategies for households and contacts - evaluating child contacts and the role of preventive therapy.	Dr. Fraser Wares
9.30-9.45 am	MSF experience with contact tracing	Dr. Petros Isaakidis
9.45-10.15 am	Infection control and interdisciplinary teams, including the pharmacy.	Dr. Jennifer Furin
10.15-10.45 am	Pharmacokinetics of Second line drugs in children	Dr. Geetha Ramachandran
Tea/Coffee		
Session : Future Directions		
11.30-12.00 pm	Status of new drugs in DR-TB	Dr. MS Jawahar
12.00-12.30 pm	Update on Bedaquiline	Dr. Fraser Wares
12.30-1.30 pm	How to include children in the PMDT scale-up	Break out session
Lunch		
2.30-3.30 pm	Concluding Session- Next steps and recommendations to CTD	Dr. Soumya/Dr. Fraser/ Dr. R.S Gupta
Tea/Coffee		

Facilitators

<p>Dr. Soumya Swaminathan, MD, FIAP, FASc, FNASc Scientist 'G' and Director National Institute for Research in Tuberculosis No.1, Sathiyamoorthy Road, Chetput Chennai - 600 031, India. Ph: 91 44 28369500 Email: doctorsoumya@yahoo.com</p>	<p>Dr. Fraser Wares Medical Officer Laboratories, Diagnostics and Drug Resistance Unit Stop TB Department World Health Organisation Email: waresf@who.int</p>
<p>Dr. Jennifer Furin, MD,Ph.D Assistant Professor of Medicine Case Western Reserve University Cleveland, Ohio USA Email: jenniferfurin@gmail.com</p>	<p>Dr.R.S.Gupta Deputy Director General Head, Central TB Division Project Director RNTCP Directorate General of Health Services Ministry of Health & Family Welfare Nirman Bhawan, New Delhi. Ph: 09873926044 Email: ddgtb@rntcp.org</p>
<p>Dr. Carlos Perez-Velez, MD Assistant Professor of Clinical Medicine and Child Health University of Arizona College of Medicine Phoenix, Arizona USA Email: CMPerezVelez@Gmail.com</p>	<p>Dr. Malik Parmar National Consultant - Drug Resistant TB World Health Organization Central TB Division, MoHFW (GoI) Nirman Bhavan, 523 'C' wing New Delhi - 110011, India Ph.096547 27772 Email: parmarm@rntcp.org; malikparmar@gmail.com</p>
<p>Dr.Sangeeta Sharma, Senior specialist, Head Department of Paediatrics LRS Institute of TB & Respiratory Diseases Sri Aurobindo Marg, New Delhi – 110030.Ph. 9868138871, Email: sangeetasharma2000@gmail.com</p>	<p>Dr.Petros Isaakidis MD, PhD Medical Epidemiologist Senior Operational Research Fellow Médecins Sans Frontières OCB, India Chandni Bungalow, Union Park, Khar (W) Mumbai-400052, Ph. 9930534211 Email: msfocb-asia-epidemi@brussels.msf.org</p>
<p>Dr.Camilla Rodriguez Consultant Microbiologist & Chairperson Infection Control Committee Hinduja Hospital, Mumbai Email: dr_crodrigues@hindujahospital.com</p>	<p>Dr. Joy Sarojini, MD FRCPATH Professor, Department of Microbiology Christian Medical College Vellore 632004, India Email: joymichael@cmcvellore.ac.in</p>
<p>Dr. Lakshmi Murali,MD (TB&RD) Joint Director Medical & Rural Health Services (TB i/c) & State TB Officer Anti-TB Association Building, DMS campus Teynampet, Chennai Ph:09444848668 Email: stotn@rntcp.org</p>	<p>Dr. MS Jawahar, MD Scientist 'F' Department of Clinical Research National Institute for Research in Tuberculosis No.1, Sathiyamoorthy Road, Chetput Chennai - 600 031, India. Ph: 91 44 28369500 Email: shaheedjawahar@gmail.com</p>
<p>Dr. Geetha Ramachandran, Scientist 'D' National Institute for Research in Tuberculosis No.1, Sathiyamoorthy Road, Chetput Chennai - 600 031, India Email: geetha202@rediffmail.com</p>	<p>Dr.Beena Thomas Scientist 'B' National Institute for Research in Tuberculosis No.1, Sathiyamoorthy Road, Chetput Chennai - 600 031, India Email: beenaelli09@gmail.com</p>

