

TB REACH

March 2013– November
2015



Using Xpert to Reach the Unreached: Mobile Diagnostic Case Finding in Nepal

Project Objectives:

- **Aim:** To contribute to National Tuberculosis Programme's aim of achieving case detection rate of 82% nationally
- **Objectives:**
 1. To identify over 2 years an additional 3136 cases
 2. Ensure rapid diagnosis and treatment of all TB and MDR cases
 3. To continually monitor and reflect on case finding and referral strategies

Team Members:

Dr. Sushil Chandra Baral	Principal Investigator
Mr. Mahesh Kumar Puri	Programme Coordinator
Mr. Prabin Shrestha	MGE Officer
Mr. Bholu Chaudhary	Lab Technician
Mr. Gauri Shankar Joshi	Lab Assistant
Mr. Pawan Kumar Karki	Lab Assistant
Mr. Lok Dip Dhakal	Lab Assistant
Mr. Bikram Thapa	Driver
Mr. Sanu Babu Mijar	Driver
Outreach Workers—26	
Volunteers—62	

Project Summary

National Tuberculosis Centre has identified 10,000 TB patients to be diagnosed and treated fully. With around 45,000 new TB cases reported every year, the need of the hour is an effective and innovative approach to diagnosis. HERD is one of the implementing agencies of the TB REACH project in Nepal and covers 29 municipalities and cities of 22 districts with the use of mobile vans and use of Gene Xpert technology. The project follows four basic approaches viz. measurement of diagnosis delay, analysis of cost effectiveness, process documentation and participatory approach.

Major Activities

- **Urban Slum:** Door to Door Screening, mobilisation of urban health volunteers, urban slum health camp, continual case finding
- **PLHA:** Strong communication and coordination with VCT and ARV centres, distribution of TB/HIV IEC materials, Screening of PLHAs
- **Household Contacts:** Identifying, recording and follow up of household contacts and screening and sputum collection
- **Prisoners:** Screening and sputum collection
- **Factory Workers:** Screening and sputum collection
- **Refugees, Monks and Nuns:** Screening and sputum collection
- **Diabetics:** Coordination with diabetic clinics, screening patients for symptoms and referring patients for microscopy

Identified New Cases in Fiscal Year 2070/71: 377



Screening with the monks



Lab Assistant on duty inside the mobile van



Project Districts