



TB CARE I

TB CARE I - Botswana

Year 4

Quarterly Report

January – March 2014

April 30, 2014

Table of Contents

1. QUARTERLY OVERVIEW	3
2. YEAR 4 TECHNICAL OUTCOMES AND ACTIVITY PROGRESS	4
2.1 Universal Access	4
2.2 Laboratories	4
2.3 PMDT	5
3. TB CARE I'S SUPPORT TO GLOBAL FUND IMPLEMENTATION IN YEAR 4	7
4. MDR-TB CASES DIAGNOSED AND STARTED ON TREATMENT IN COUNTRY	8
5. TB CARE I-SUPPORTED INTERNATIONAL VISITS (TECHNICAL AND MANAGEMENT-RELATED TRIPS)	9
FINANCIAL OVERVIEW	10

1. Quarterly Overview

Country	Botswana
Lead Partner	KNCV
Coalition Partners	None
Other partners	CDC BOTSWANA, WHO, ACHAP, I-TECH, BUP
Work plan timeframe	Oct 2013-Sep 2014
Reporting period	Jan – Mar 2014

Most significant achievements:

The in-country Senior Technical Advisor supported the evaluation of a community TB Care (CTBC) research project. He supported data collection and data analysis carried out during this quarter. The study aims to evaluate the effectiveness and acceptability of community TB care models implemented in the country and explore their sustainability and document lessons learnt regarding their implementation. The research results will guide the NTP/MoH to adopt an appropriate CTBC approach to be scaled up, taking into consideration the declining funding in the near future.

TB Care I through a senior consultant from KNCV central office, Dr Jerod Scholten, and in-country staff also supported NTP to update the current TB Strategic Plan (2013 – 2017) in-line with the WHO post 2015 TB strategic plan and the Global Fund New Funding Model requirements. The updating of the strategic plan will be finalised in the next quarter to be used for concept note development and Global Fund application under the new funding model. TB Care I has also supported the closure of the previous Round 5 Global Fund grant and transitional funding mechanism.

TB Care I has also supported the organization of World TB Day 2014 which was commemorated in a high TB burden district of Kweneng East, Molepolole. Activities included active participation in holding a press conference, panel discussion and developing different IEC and promotional materials for commemorating World TB Day.

The Chief Medical laboratory technician supported the district laboratories with on-site supportive visits to strengthen external quality assurance and implementation of acid fast bacilli smear microscopy in Thamaga Primary Hospital, Bamalete Lutheran Hospital, Kanye SDA hospital and Lobatse Mental Hospital. Site assessments were conducted and recommendations on identified gaps were shared with district laboratory teams.

The regional laboratory consultant, Dr Valentina Anisimova, supported the review of drug sensitivity testing (DST) standard operating procedures (SOPS) with major input on drug preparation; the consultant trained staff in preparation of in-house media and also reviewed the NTRL testing algorithm.

Technical and administrative challenges:

There are continued challenges with the procurement of supplies at the National TB Reference Laboratory (NTRL). As a solution the Ministry of Health is transitioning all procurement issues to the Central Medical Stores. It is expected to be fully functional during the 3rd quarter and hoped to solve the frequent interruption of commodities and supplies at NTRL. The Chief Medical laboratory technician, Mr Obert Kachuwaire, based at NTRL has left KNCV during this quarter. TB Care I has made arrangements through relocation of Dr Valentina Anisimova (the regional laboratory consultant) to Botswana to coordinate Obert's responsibilities and ensure continued technical support to NTRL. TB Care I will also consider to outsource specific tasks as needed.

2. Year 4 technical outcomes and activity progress

2.1 Universal Access

Code	Outcome Indicators and Results		Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date ¹		Comments
1.2.9	Population covered with Community TB Care		65% (1,324,848)	90% (1,834,405)	Measured annually		Showing good progress over the last quarters though it is still below the national target
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status ²	
				Start	End		
1.2.1	KNCV	Increased coverage of CTBC. The In-country Senior Technical Advisor, in collaboration with the NTP, supports enhanced Community TB Care implementation from existing guidelines and National Strategic plan to increase coverage of CTBC from 65% to 90%.	Supported data collection and data analysis for the CTBC evaluation project. This project will guide the NTP to adopt an appropriate CTBC approach to be scaled up, taking into consideration the declining funding in the near future.	Oct 13	Sep 14	Ongoing	

2.2 Laboratories

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
2.1.2	Laboratories with working internal and external QA programs for smear microscopy and culture/DST	100% (52/52) (2013)	100% (52/52) (2014)	52/52	Panel testing sent with an average 97.3% pass mark. Laboratory technicians who failed will be recalled for

¹ If results are not available, write "Measured annually" or "Not yet measured" and say when the data are estimated to be available. Not all indicators can be measured quarterly.

² Status options: Pending (the activity has not yet started, but is not delayed); Ongoing (the activity has started and is in process); Completed (all sub-activities and outputs are complete); Postponed (the start or completion of this activity has been delayed, but will still be completed by the end of the workplan year); Cancelled (the activity, which may or may not have started, will not be completed by TB CARE I.)

					retraining in Gaborone	
2.3.1	Diagnostic sites offering advanced technologies for TB or drug-resistant TB	20 GeneXpert machines (2012)	34 GeneXpert machines (2014)	32/34	The remaining 2 machines will be deployed during the 3 rd quarter	
2.1.4	NRL maintains ISO accreditation Description	Yes (2013)	Yes (2014)	Results available in quarter 4 report	Ongoing	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
	KNCV	Support NTRL and TB laboratory network through training in smear microscopy and technical input into quality assurance and external quality assurance	Panel Tests were sent out to all laboratories with a 97.3% average pass mark. Laboratory technicians who failed will be recalled for retraining in Gaborone	Oct 13	Sep 14	Ongoing
2.1.2	KNCV	Support the NTRL to maintain its accreditation to ISO 15189 international Standard from the South African National Accreditation Systems (SANAS)	Annual review of all procedures conducted and training of local staff on QA practices	Oct 13	Sep 14	Ongoing
2.3.1	KNCV	Support roll out of GeneXpert	GeneXpert is rolled out to 32 health facilities (laboratory and point of care) with only 2 machines remaining to be installed during the 3 rd quarter. TB Care I supported training of staff and selection of appropriate location for the placement of the machines	Oct 13	Sep 14	Ongoing
2.3.2	KNCV	Strengthen Culture and DST at NTRL	Dr Valentina Anisimova supported the review of DST SOPs with major input in drug preparation, trained staff in preparation of in-house media, and also reviewed the NTRL testing algorithm	Oct 13	Sep 14	Completed

2.3 PMDT

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to date	Comments
3.1.3	MDR TB patients who have completed the full course of MDR TB treatment regimen and have a negative sputum culture	59%	70%	Results available in quarter 4 report	

Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of the quarter's end	Planned Month		Status
				Start	End	
3.1.1	KNCV	Support MDR treatment sites	Mentoring and supportive supervision to the 5 MDR-TB treatment sites will be carried out during the 3 rd and 4 th quarter	Oct 13	Sep 14	Pending
3.1.2	KNCV	Support biannual MDR meeting and GLC missions	One MDR clinical meeting held and one GLC mission supported	Oct 13	Sep 14	Completed

3. TB CARE I's support to Global Fund implementation in Year 4

Current Global Fund TB Grants

Name (i.e. Round 10 TB)	Average rating*	Current rating	Total approved amount	Total dispersed to date
Round 5 Grant Closure	A2	B2	94,000	94,000

* Since January 2010

In-country Global Fund status - key updates, challenges and bottlenecks

The Country Coordinating Mechanism (CCM) for Botswana is preparing to develop a single TB/HIV concept note to apply for Global Fund under the New Funding Model. The in-country senior technical advisor along with two NTP staff attended Global Fund /WHO workshop organized to align National Strategic Plan with the post-2015 Global TB Strategy and the New Funding Model requirements. Dr Jerod Scholten and the in-country senior technical advisor supported the NTP to develop an addendum to the Botswana TB NSP (2013-2017) as a requirement for application to the Global Fund New Funding Model. The in-country technical advisor has been leading the technical working group established to develop the concept note. The intended date of submission for the concept note is the 15th August 2014.

TB Care I has also supported the development and implementation of the grant closure plan for the previous round 5 Global Fund grant and transitional funding mechanism.

TB CARE I & Global Fund - TB CARE I involvement in GF support/implementation and effect of GF on the TB CARE I workplan

TB CARE I will continue to support the Ministry of Health in the development of single TB/HIV concept note through in-country support and technical support from the central office.

4. MDR-TB cases diagnosed and started on treatment in country

Quarter	Number of MDR cases diagnosed	Number of MDR cases put on treatment	Comments:
Total 2010	106	92	
Total 2011	46	44	
Total 2012	51	44	
Jan-Mar 2013	19	14	
Apr-Jun 2013	9	9	
Jul-Sep 2013	12	12	
Oct-Dec 2013	18	18	
Total 2013	58	53	
Jan - Mar 2014	17	17	

5. TB CARE I-supported international visits (technical and management-related trips)

#	Partner	Activity Code	Name	Purpose	Planned month, year	Status	Dates completed	Additional Remarks (Optional)
1	KNCV	1.2.1	Jerod Scholten	Supervision and Monitoring of local office	July 2014	Pending		
2	KNCV	2.3.2	Valentina Anisimova	Technical Assistance	May 2014	Pending		
3	KNCV	1.2.1	Jerod Scholten	Support in the aligning of National TB Strategic Plan	February 2014	Completed	February 2014	
4	KNCV	2.3.2	Valentina Anisimova	Support in the review of DST SOPS with major input in drug preparation and staff training in preparation of in house media	February 2014	Completed	February 2014	
Total number of visits conducted (cumulative for fiscal year)							2	
Total number of visits planned in workplan							4	
Percent of planned international consultant visits conducted							50%	