



TB CARE I

TB CARE I - Tajikistan

Year 4

Quarterly Report

April – June 2014

July 30, 2014

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1. Quarterly Overview

Country	Tajikistan
Lead Partner	KNCV
Coalition Partners	N/A
Other Partners	NTP, UNDP/GF (TFM), Project HOPE (RCC3), USAID/Quality Health Care Project, MSF, Caritas/Luxemburg
Workplan Timeframe	October 1, 2013 – December 31, 2014
Reporting Period	April – June 2014

Most Significant Achievements:

Universal and Early Access:

TB CARE I Project pays special attention to the activities on further implementation of full outpatient care with the provision of social support in all TB CARE I pilots. Due to systematic advocacy work TB CARE I received strong political support from municipal bodies (Khukumats). This quarter, Khukumats provided sustainable social support to the TB patients in the TB CARE I pilots through the provision of food, property and electricity tax release, allocation of land-plots for farming and construction of dwelling houses. Altogether 59 MDR TB patients received different types of social support from Khukumats and local business leaders.

Due to the fact that psychologists are not available in the country, the TB CARE I project involves religious leaders and community activists into support of TB patients by providing the regular mini-sessions on TB prevention and adherence to the treatment for public community in the pilots.

As a result of project activities on improvement patients' treatment adherence, the number of patients with missed doses decreased by 18%, TB treatment default decreased by 10%, and the number of refused from the treatment – at 12% (Cohort of the year 2013 in comparison with 2012).

Laboratory:

By the support of sample transportation system, TB CARE I Project contributes to the uninterrupted access to the testing with use of rapid methods of TB diagnosis. During 3rd quarter, 379 TB suspects were tested by GeneXpert in Rasht area; out of them 52 TB cases (14%) were detected including 1 RIF resistant case (2%). As for 4 TB CARE I pilots in Khatlon oblast, 522 TB suspects were tested, out of which 135 TB cases (26%) were detected, including 13 RIF resistant cases (10%). Totally, in all TB CARE I pilots during this quarter were detected 187 TB and 14 RIF resistant cases, and all of them were enrolled to the treatment.

Infection Control:

TB CARE I continued activities to strengthen capacities of local specialists, including physicians, nurses, laboratory personnel of PHC service. The important contribution from the TB CARE I Project was done by training of Sanitary-Epidemiological Service (SES) specialists of central and regional levels. Trained SES specialists will be involved then to the monitoring visits to TB and PHC health facilities.

TB CARE I also conducted the series of supervision and monitoring visits to TB and PHC health facilities in the pilots. The results of these visits confirmed the improvement of TB IC measures in all visited health institutions (established sputum collection point outside, established or in process of establishing DOT points with separate entrance, improved division of clients' movement, identified and marked risk zones, implemented screening of HCWs on TB symptoms, set up waiting zones for TB suspect patients in the majority of facilities, increased knowledge and practical skills of health staff on TB control issues).

Also, the important result of Q3 is development of SOP for TB-IC measures in ambulatory care setting and instruction (SOP) on patient triage and separation. These SOPs will contribute to improve patient triage and separation of patients in PHC facilities.

Technical and Administrative Challenges:

There were no significant technical and administrative challenges during the 3rd quarter. All planned quarterly activities were implemented in time in spite of the intensive working schedule of Project technical and administrative staff.

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
1.2.6	Number of TB cases (all forms) diagnosed in children 0-4		20 (estimated number of diagnosed children (0-4) in 9 TB CARE I pilots districts)		Measured annually
1.2.11	Percent of (MDR) TB patients put on full outpatient care in TB CARE I pilots Numerator: Number of (MDR) TB patients put on outpatient care Denominator: Total number of (MDR) TB patients put on treatment	Dangara – 45% MDR TB patients put on full outpatient care for Oct. 2012 -June 2013, Temurmalik – 12,5% MDR TB patients put on full outpatient care for Oct. 2012 - June 2013, Rasht area – 0%, due to lack of SLD treatment of MDR TB patient was not provided in this area in APA3, 2 new TBD – 0%	Dangara – 50% MDR TB patients put on full outpatient care, Temurmalik – 45% MDR TB patients put on full outpatient care Rasht area – 30% MDR TB patients put on full outpatient care 2 new TBD – 30% MDR TB patients put on full outpatient care	Percent of MDR TB patients put on full outpatient care in 9 TB CARE I pilots in Q3: Dangara – 100% (1/1); Temurmalik – 100% (1/1); Rasht area – 100% (1/1); Rasht – 0% (0/0), Tojikobod – 0% (0/0); Nurobod – 100% (1/1); Jirgital – 100% (0/0); Tavildara – 0% (0/0); 2 new TB CARE I pilots: Farhor –60% (6/10); Baljuvan – 100% (1/1) Total –71% (10/14)	
1.2.12	Percent of (MDR) TB patients receiving patient support (TB CARE I supported)	0%	100% (100 MDR TB patients from TB	88/88 (100% MDR TB patients receiving	Patient support was started in Q2

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.

Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status ²
				Start	End	
1.2.1	KNCV	Meeting on the establishment of a subgroup on outpatient care and PSS under MDR TB TWG	<p>TB CARE I is in the process of strengthening outpatient care and implementation of a psychosocial patient support model at the national and pilot levels. TB CARE I organized the meeting on the establishment of a subgroup on outpatient care and PSS under MDR TB TWG. The meeting was held on October 31, with participation of key NTP specialists, as well as representatives of local government, PHC and TB services from TB CARE I pilot sites. The agenda of the meeting covered organizational topics, membership, terms of reference, tasks division and other topics related to the role and responsibilities of the subgroup members. As a result of the meeting, a subgroup on outpatient care and PSS was established that will be responsible for the implementation of protocol of outpatient care and PSS (developed and approved in APA3) in the TB CARE I pilot sites. A total of 20 participants (6 females, 14 males) were in attendance.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Subgroup on outpatient care and PSS under MDR TB TWG was established - TOR for outpatient care and PSS subgroup under MDR TB TWG was developed 	Oct 13	Dec 13	Completed in Q1

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.)

			<ul style="list-style-type: none"> - Task divisions for members of outpatient care and PSS subgroup was developed 			
1.2.2	KNCV	Meeting on the establishment of patient support team (at NTP level)	<p>TB CARE I initiated a meeting on the establishment of patient support team at NTP level in Dushanbe on December 19, 2013. 20 key stakeholders (8 females and 12 males) from NTP and PHC of Dushanbe city, TB and PHC facilities from TB CARE I pilot sites (Temurmalik, Dangara, Baljuvan, Farhor and Rasht Zone), as well as international partners, attended the meeting, facilitated by NTP deputy director and TB CARE I Regional Technical Officer Gulnara Kaliakbarova. The main aim of the meeting was establishment of patient support team at NTP level focused on strengthening outpatient care and retention of patients on treatment until completion. During the meeting, NTP and partner organizations (QHCP and Project HOPE) shared experiences on involving the local community in TB treatment and care, and providing support, ideas and capacity needed to establish sustainable patient psychosocial support nationwide. Representatives of pilot sites discussed the current situation in their regions, challenges and problems.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Patient support team was established at the national level - TOR and job descriptions for PST members were developed - Political commitment from NTP on establishing patient support team at NTP level was achieved - PST Chair and the main members were appointed 	Nov 13	Dec 13	Completed in Q1
1.2.3	KNCV	Coordination meetings with local government authorities (Hukumats)	TB CARE I Project continues conducting coordination meetings with managers of local municipal bodies (Hukumats at district	Dec 13	Sep 14	Ongoing

			<p>level and Jamoats at village level). This quarter, TB CARE I specialists met with Hukumats' representatives of two TB CARE I pilots Rasht (May 07, 2014) and Temurmalik (May23, 2014). The main issue to be discussed during the meetings was issue on achieved progress in implementation of outpatient care model in these two districts and support provided by local municipal bodies. A total of 27 participants (23 males, 4 females) were in attendance in two abovementioned meetings.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Achieved close collaboration of all interested stakeholders (TB, PHC, local government, community and others) on strengthening outpatient care, improvement of DOT provision and TB/MDR-TB case management in TB CARE I pilots - During this quarter, 59 patients in TB CARE I pilots: Temurmalik (23), Dangara (8), Farhor (10), Baljuvan (3), Rasht (4), Nurobod (3), Tojikobod (5) and Jirgital (3) started receiving different types of social support from the government and local businesses - 59 TB patients were relieved from property taxes and utility payments, 6 patients from Temurmalik, 4 from Dangara and 3 from Baljuvan received monthly monetary assistance (70 somoni) for the period of treatment. - 7 patients from Tajikobod, Nurobod, Rasht and Dangara received additional lands for making the household plots and construction of dwelling house (from 2 to 8 Ares of land). 25 MDR TB patients from Farhor, Dangara and Temurmalik 			
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			were provided with food packages (200 kg potatoes, onions and wheat) by farmers' households.			
1.2.4	KNCV	Training on outpatient care and PSS protocol for Rasht area districts and two new districts TBD	Two 2-day trainings on outpatient care and PSS protocol were conducted for health providers from 4 pilots of Khatlon region (June 05-06, 2014) and Rasht area (June 16-17, 2014). A total of 43 participants (37 males and 6 females) attended these trainings. Regional TB CARE I Technical officer, Gulnara Kaliakbarova facilitated training in Khatlon region.	Dec 13	Feb 14	Completed in Q3
1.2.5	KNCV	Training on interpersonal communication skills for two new districts TBD	2 two-day trainings on interpersonal communication skills for two new TB CARE I districts Baljuvan (January 07-08, 2014) and Farhor (January 09-10, 2014) were conducted in Kurgan-tube city. Community and religious leaders, PHC nurses from Baljuvan and Farhor participated in these trainings. A total of 40 participants (F=12) attended the trainings.	Dec 13	Jan 14	Completed in Q2
1.2.6	KNCV	Trainings on raising awareness, stigma reduction on TB and adherence to treatment for two new districts	2 two-day trainings on raising awareness, stigma reduction on TB and adherence to treatment for two new TB CARE I districts Baljuvan (January 13-14, 2014) and Farhor (January 15-16, 2014) were conducted in Kurgan-tube city. Health workers, community leaders and activists from Baljuvan and Farhor participated in these trainings. A total of 40 participants (3 females and 37 males) attended the trainings.	Jan 14	Mar 14	Completed in Q2
1.2.7	KNCV	Study visits from Rasht and new TB CARE pilot districts to Dangara	In framework of Project was organized study visit of 6 specialists from Rasht area (PHC and TB managers) to 3 districts of Khatlon region (Temurmalik, Baljuvan and Farhor). In their turn, 4 specialists from pilot districts of Khatlon region visited 4 pilot districts of Rasht area. Main purpose of visits is experience exchange on establishment of ambulatory	Apr 14	May 14	Completed in Q3

			care model, presentation of best practice of care and discussion of lessons learned (problems, achievements and etc.) of this model introduction in different districts. During these visits, participants had the meetings with heads of local governing agencies (Khukumats and Jamoats), medical services (TB and PHC), religious leaders, community activists and also with TB and MDR TB patients.			
1.2.8	KNCV	Patient support delivery, food and hygiene parcels for MDR TB patients	During this quarter distribution of food-and-hygienic parcels was implemented for 88 MDR TB and 12 TB patients: <ul style="list-style-type: none"> - Dangara – 24 MDR TB patients - Temurmalik – 17 MDR TB patients - Baljuvan – 4 MDR TB patients - Farhor – 9 MDR TB patients - Nurobod – 7 MDR TB and 3 TB patients - Tojikobod – 6 MDR TB and 3 TB patients - Jirgital – 9 MDR TB and 3 TB patients - Rasht – 12 MDR TB and 3 TB patients 	Jan 13	Sep 14	Ongoing
1.2.9	KNCV	Advanced training on PSS for four TB specialists from NTP	6 NTP specialists (5 males and 1 female), established patient support team, which participated in the advance training course organized by Khakassia Republican Department of Russian Social Organization "Russian Red Cross." Participants received the theoretical knowledge and practical skills on rendering of psychological and social support to TB patients. During this training, participants visited the club of patients' support, participated in the work of PSS groups and had the meetings with TB patients. This received knowledge will be used in their practical works in framework of subgroup on outpatient care and PSS under MDR TB TWG.	Apr 14	Jun 14	Completed in Q3
1.2.10	KNCV	Supportive supervision visits on outpatient care and	10 Supportive supervision visits to Jirgital (May 06 and June 06, 2014), Dangara	Nov 13	Sep 14	Ongoing

		psychosocial patient support model in TB CARE I pilots	<p>(June 02, 2014), Temurmalik (June 02, 2014), Baljuvan (June 03, 2014), Farhor (June 04, 2014), Tavildara (June 09, 2014), Rasht (June 10, 2014), Tojikobod (June 11, 2014), Nurobod (June 13, 2014) were conducted with the aim to assess implementation of patient support system with focus on social support provided and collaboration of health workers (PHC and TB) with community and religious leaders. During these visits, the specialists had the meetings with local authorities for discussion of achieved results and current problems with further elaboration of recommendations on improvement of social support with special emphasize on sustainability of implemented measures.</p> <p>Monitoring team also distributed food and hygienic parcels to MDR TB patients during the visits. Regional Technical officer Gulnara Kaliakbarova jointly with NTP and local TB CARE I specialist conducted supervision and monitoring visit on outpatient care and PSS issues to pilots at quarterly basis.</p>			
1.2.11	KNCV	District trainings on childhood TB	The activity is planned for Q3	Apr 14	Sep 14	Pending
1.2.12	KNCV	Event dedicated to World TB Day to increase awareness on TB in communities	Round table dedicated to World TB Day was conducted in April 3, 2014 in Rasht district, with participation of representatives of Local municipal bodies (Hukumats, Jamoats), SES, PHC and TB services. Altogether, 20 participants (5 females and 15 males) attended the event.	Mar 14	Apr 14	Completed in Q3



Photo 1. Training on outpatient care and PSS protocol, Rasht, June 16-17, 2014.



Photo 2. Training on outpatient care and PSS protocol, Kulyab city, June 05-06, 2014



Photo 3. Training on outpatient care and PSS protocol, Rasht, June 16-17, 2014.



Photo 4 Training on outpatient care and PSS protocol, Kulyab city, June 05-06, 2014



Photo 5. Food and hygienic parcels for MDR TB patients provided by TB CARE I



Photo 6. Supportive supervision visits on outpatient care and psychosocial patient support model in TB CARE I pilots, Nurobod, June 13, 2014

2.2 Laboratories

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to Date	Comments
2.3.2	Rapid tests conducted		Xpert MTB/RIF in Rasht – 2,000 tests	Number of rapid tests conducted in Q3 is 379, and 1,080 since October 2013 (Q1-Q3).	In Q3, 379 Xpert MTB/RIF tests were conducted by one Xpert MTB/RIF machine installed in TB CARE I pilot site (Rasht district)
2.3.3	Patients diagnosed with GeneXpert		Patients detected with Xpert MTB/RIF in Rasht area: TB - 80 RIF resist - 32	Number of all presumptive TB cases tested with Xpert MTB/RIF in Rasht area: In Q1 was 254, in Q2 was 447 and in Q3 was 379. In Q3 there were detected: TB cases – 21 (these cases were diagnosed	

					from newly diagnosed and previous treated patients) (6%) RIF resist cases – 1 (5%) Since October 2013 (Q1, Q2, Q3) out of all (n=1080) tested suspects 76 TB cases were detected (7%), including 9 Rif resistant cases (12%).	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status
				Start	End	
2.3.1	KNCV	Development of the national Xpert MTB/RIF maintenance and troubleshooting (SOP) guide	To ensure a standard, structured approach to the provision of maintenance for Xpert MTB/RIF, TB CARE I project with technical support of KNCV Senior Laboratory Consultant Valentina Anisimova developed the draft of the national Xpert MTB/RIF maintenance and troubleshooting SOP which was submitted to NTP for approval.	Oct 13	Dec 13	Completed in Q1
2.3.2	KNCV	Training on SOP for Xpert MTB/RIF	In order to ensure proper implementation of Xpert MTB/RIF in the country, TB CARE I supported the training on development of standard operational procedures for Xpert MTB/RIF laboratories. The training was conducted on December 19-20, 2013. During the training, the following SOPs were reviewed and adapted: <ul style="list-style-type: none"> - Procedure for GeneXpert MTB/RIF testing - Procedure for disinfection of GeneXpert instrument, including log sheet - Procedure for calibration of GeneXpert modules - Procedure for management of GeneXpert system data, including log sheet 	Oct 13	Nov 13	Completed in Q1

			<ul style="list-style-type: none"> - Procedure for preparation of working solutions of disinfectants, including log sheet <p>In addition, by request of participants, training was done for management of supplies for Xpert MTB/RIF laboratories, including practical exercise on calculation of supplies. A total of six participants (6 females) attended the training, facilitated by KNCV Senior Laboratory Consultant Valentina Anisimova.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - SOPs for Xpert MTB/RIF were developed - Laboratory specialists from Xpert sites were trained on SOPs for Xpert MTB/RIF 			
2.3.3	KNCV	Development of M&E plan for Xpert MTB/RIF	In order to ensure proper implementation of Xpert MTB/RIF in Tajikistan, TB CARE I supported development of M&E plan for Xpert MTB/RIF. Development of M&E plan was done by NTP laboratory specialists jointly with Valentina Anisimova, KNCV Senior Laboratory Consultant. Currently, the draft of M&E plan submitted to NTP for finalization and further approval.	Jan 14	Feb 14	Completed in Q3
2.3.4	KNCV	Development of SOP/instruction on MIS on Xpert MTB/RIF	Development of SOP on Management Information system on Xpert MTB/RIF was done by Valentina Anisimova, KNCV Senior Laboratory Consultant. Presently the draft submitted to NTP for finalization and approval.	Jan 14	Mar 14	Completed in Q3
2.3.5	KNCV	Workshop on Xpert planning and budgeting	The activity is planned for Q4	Aug 14	Sep 14	Will be done in Q4
2.3.6	KNCV	Training on Xpert MTB/RIF troubleshooting and maintenance	Two-day training on Xpert MTB/RIF troubleshooting and maintenance was conducted on December 17-18, 2013, in Dushanbe. Laboratory specialists from all Xpert sites were trained on Xpert MTB/RIF maintenance and troubleshooting including problems of instruments (modules not detected, blinking red light, cartridge stuck	Feb 14	Mar 14	Completed in Q1

			<p>in instrument) and barcode scanners, origins of and solutions for unsuccessful results (errors, invalid and no result) and other troublesome situations. During the practical sessions, participants were also trained to using SOPs as a guide for performing maintenance procedures. All 20 participants had performed practical exercises and should be able to conduct maintenance procedures independently. Total number of trained participants was 20 (19 females and 1 male) and included specialists from NTP, Oblast and district laboratories.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Laboratory specialists from all Xpert sites were trained on Xpert MTB/RIF troubleshooting and maintenance. 			
2.3.7	KNCV	Training on sputum collection for PHC nurses on Xpert	The rest five out of nine planned one-day trainings on sputum collection for PHC nurses were conducted in Rasht in June 9, 10, 11, 12 and 13, 2014. In these trainings, 49 PHC nurses (36 males, 13 females) from five TB CARE I pilots of Rasht area (Nurobod, Tojikobod, Tavildara, Rasht, Jirgital) were trained.	Dec 13	Mar 14	Completed in Q3
2.3.8	KNCV	Training on MIS on Xpert MTB/RIF	Two-day training on MIS on Xpert MTB/RIF was conducted in April 22-23, 2014 in Dushanbe. The training was facilitated by Valentina Anisimova, KNCV Senior Laboratory Consultant. A total of 37 participants (28 females and 9 males) attended the training.	Dec 13	Apr 14	Completed in Q3
2.3.9	KNCV	Cascade trainings on Xpert MTB/RIF for new districts	Two, two-day cascade XpertMTB/RIF trainings were conducted for TB and PHC clinicians, managers, and laboratory specialists from two new TB CARE I pilots (Farhor and Baljuvan). The trainings were facilitated by national trainers (trained in the ToT on Xpert in December 2012) and TB CARE I local staff. The trainings were conducted in Kulyab city (January 27-28	May 14	Jun 14	Completed in Q2

			and January 29-30, 2014). A total of 30 participants (28 males and 2 females) were in attendance in these trainings.			
2.3.10	KNCV	Monitoring/supervision visits, on-the-job trainings (link with PMDT monitoring visits)	In order to ensure proper functioning of Xpert MTB/RIF at the project pilot site, TB CARE I supported supervision and monitoring visit to Rasht district in April 01, 2014. This visit was conducted by National Laboratory Coordinator jointly with TB CARE I local staff. During the visit, the monitoring team checked out the laboratory aspects of using of the monitoring check lists for Xpert MTB/RIF.	Nov 13	Sep 14	Ongoing
2.3.11	KNCV	Development of sample transportation protocol for two new districts TBD	To develop sample transportation system in new project pilots, TB CARE I conducted two, one-day meetings with local counterparts in Baljuvan (December 27, 2013) and Farhor (December 28, 2013). A total of 30 participants (30 males) attended these meetings. After approval of the sample transportation protocol, TB CARE I project supported two, one-day trainings for medical staff from PHC and TB services of Baljuvan (January 22, 2014) and Farhor (January 23, 2014). In total, 44 participants (30 males and 14 females) were trained on the developed sample transportation protocol. <u>Output:</u> <ul style="list-style-type: none"> - Draft protocol on the sample transportation system for Farhor and Baljuvan developed and submitted to NTP for approval. - Trained medical staff from PHC and TB services of Farhor and Baljuvan on sample transportation protocol 	Nov 13	Mar 14	Completed in Q2
2.3.12	KNCV	Procurement of cooling equipment, cartridges and	Cooling equipment was procured for TB and PHC health facilities in new TB CARE I pilots	Jan 14	Jan 14	Completed in Q2

		Xpert calibration module	<p>(Dangara and Farhor) - 12 refrigerators were distributed to 12 sputum collection points organized in PHC facilities (six sputum collection points were organized in each District) and two refrigerators and two air conditioners were provided to TB District Centers of Farhor and Baljuvan.</p> <p>2000 cartridges were procured within the project for Xpert MTB/RIF machine installation in Rasht laboratory. It is expected that shipment with cartridges will be delivered to Tajikistan in Q3.</p>			
2.3.13	KNCV	Support of sample transportation system	<p>This quarter, TB CARE I project continues supporting activities (monthly payment for fuel purchase for cars) on sample transportation system for 9 TB CARE I pilot districts.</p> <p>During this quarter 901 (379 from 5 districts of Rasht area and 522 from 4 pilots of Khatlon region) samples of sputum were collected within the pilots and transported to the nearest Xpert laboratories for GeneXpert testing. Totally, 139 MTB+ (15,5%) including 28 Rifampicine resistant patients (20,1%) were detected in 9 TB CARE I pilots.</p>	Oct 13	Sep 14	Ongoing
2.3.14	KNCV	Development and printing of visual aids and posters on Xpert MTB/RIF for PHC facilities	The draft of visual aids and poster on Xpert MTB/RIF for PHC facilities is prepared, finalized and approved by NTP. Printing and distribution of visual aids will be done in Q4.	Jan 14	Apr 14	Ongoing
2.3.15	KNCV	Evaluation of Xpert use and its impact on the country	<p>In the frame of Xpert MTB/RIF cost Effectiveness Study data collection from six selected Xpert sites was started this quarter. Data collection was conducted by team, consisting of National Laboratory coordinator, Head of NRL and TB CARE I Technical officer.</p> <p>In this quarter, the data were collected from laboratories of district (Rasht) and oblast (Regional laboratory of Kulyab region</p>	Jun 14	Sep 14	Ongoing

			and regional laboratory of Kurgan-Tyube region) levels. It is planned to complete the data collection in the middle of July 2014, and then to start the process of data analysis.			
2.3.16	KNCV	Procurement and installation of waste incinerator for Rasht TB facility	During this quarter was made analysis of available medical incinerators in the markets of Tajikistan, Kazakhstan and other countries. Also, in framework of this activity, the TB Center and Central District Hospital of Rasht region were visited for assessment of territory and place for incinerator installation. This assessment was implemented by commission consisting of representatives of Central District Hospital, TB Center and SES. The selected place was approved by this Commission, and the Assessment Act on this place was prepared.	Mar 14	Jul 14	Ongoing
2.3.17	KNCV	TWG meetings on Xpert	The TWG meeting to discuss the draft of the national Xpert MTB/RIF maintenance and troubleshooting SOP for Xpert was conducted on January 9, 2014, with participation of NTP representatives and specialists from partner organizations (1 male and 9 females). <u>Output:</u> - The draft of the national Xpert MTB/RIF maintenance and troubleshooting SOP was discussed, finalized and submitted to NTP	Nov 13	Sep 14	Ongoing



Photo 7. Training on MIS on Xpert MTB/RIF, Dushanbe, April 22-23, 2014



Photo 8. Storage of collected sputum for its further delivery to the Xpert laboratory, Nurobod district

2.3 Infection Control

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to Date	Comments	
3.2.2	Facilities implementing TB-IC measures with TB CARE support	7	9		Measured annually	
3.2.3	<p><i>Strengthened TB-IC Monitoring & Measurement</i></p> <p>Numerator: Number of facilities in which regularly TB-IC monitoring visits conducted with using of IC measurement equipment</p> <p>Denominator: Total number of facilities where TB CARE I planned to conduct TB-IC monitoring visits with using of IC measurement equipment</p>	<p>Y2 – 0</p> <p>Y3 – 7 (3 District TB centers (Dangara, Temurmalik, Rasht), Oblast TB hospital Zargar, Regional TB center Kurgan-tube, Regional TB center Kulyab, inter-district TB hospital Vose)</p>	<p>Y4 - 13 (100%) (9 District TB centers, Oblast TB hospital Zargar, Regional TB center Kurgan-tube, Regional TB center Kulyab, inter-district TB hospital Vose)</p>		Measured annually	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status
				Start	End	

3.2.1	KNCV	Printing and distribution of copies of the new TB-IC guideline	700 copies of the TB-IC guideline were printed and provided to NTP for further distribution to TB health facilities	Oct 13	Dec 13	Completed in Q2
3.2.2	KNCV	Development of TB-IC training modules for different target groups involved in providing TB services	TB-IC training modules for different target groups involved in providing TB services (TB doctors, PHC providers and laboratory specialists) was developed by TB CARE I local staff with support of TB CARE I Regional TB-IC Officer Vlad Furman and KNCV HRD Consultant Ieva Leimane. TB-IC training modules was translated into Tajik and submitted to NTP for approval.	Nov 13	Feb 14	Completed in Q2
3.2.3	KNCV	Cascade TB-IC trainings for health providers (nurses, PHC physicians and laboratory personnel) from nine TB CARE I districts	<p>Eight, two-day cascade TB-IC trainings were conducted by TB CARE local and regional staff and SES representatives for three target groups involved in providing TB services in TB CARE I pilots (nurses, PHC physicians and laboratory personnel).</p> <ul style="list-style-type: none"> - PHC physicians (38 males and 2 females) were trained in two two-day trainings conducted February 13-14, 2014 (Dangara, Farhor, Temurmalik and Baljuvan) and February 17-18, 2014 (5 districts of Rasht area); - PHC and TB nurses (53 males and 27 females) from all TB CARE I pilots were trained in four, two-day trainings conducted February 24-25, 2014 (Dangara, Temurmalik), February 26-27, 2014 (Baljuvan, Farhor), March 03-04, 2014 (Jirgital, Nurobod and Tavildara), and March 05-06, 2014 (Rasht, Tojikobod) - Laboratory personnel (18 males, 12 females) were trained on TB IC in two, two-day trainings conducted February 28-March 01, 2014 (4 TB CARE I pilots of Khatlon Oblast) and March 11-12, 2014 (5 Districts of Rasht area). 	Dec 13	Apr 14	Completed in Q2

			A total of 150 participants (109 males and 41 females) attended the cascade trainings			
3.2.4	KNCV	Development of TB-IC plans for TB health facilities in Rasht area and new pilot districts TBD	<p>In order to strengthen competencies in development of TB-IC plans for TB health facilities in TB CARE I pilots, district health care professionals (including SES) from Baljuvan, Farhor, Tavildara, Nurobod, Tojikobod and Jirgital were trained in the course facilitated by TB CARE I Regional TB-IC Officer, local TB CARE I staff and National TB-IC trainers (head specialist of SES and National TB-IC coordinator). Training course was conducted on December 11-13, 2013, with participation from 15 specialists (14 males and 1 female). In the framework of the training, participants were updated on best practices and tools in TB-IC, trained on TB-IC planning activities at the level of their facilities (MDR-TB department, PHC facility, department for TB susceptible patients). During practical exercises, participants assessed risks and measured ACH, irradiation of UVGI fixtures in the Macheton Republican TB Hospital.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - District health care professionals (including SES) who are engaged in TB-IC implementation and scale-up activities in Baljuvan, Farhor, Tavildara, Nurobod, Tojikobod and Jirgital trained on development of TB-IC plans and design TB- IC activities in accordance with National guidelines on IC - Developed drafts of TB-IC plans for TB health facilities in Baljuvan, Farhor, Tavildara, Nurobod, Tojikobod and Jirgital 	Mar 14	Apr 14	Completed in Q1
3.2.5	KNCV	Training on the use of IC measurement equipment	With the aim to improve the capacity of TB service and SES staff in new TB CARE I pilots (Baljuvan and Farhor) and four	Mar 14	Apr 14	Completed in Q2

			<p>districts of Rasht area (Nurobod, Jirgital, Tojikobod and Tavildara) to measure environmental TB-IC activities, TB CARE I conducted a training on the use of IC measurement equipment in Dushanbe on January 29-30, 2014. The training was facilitated by national trainers (trained during ToT on TB IC in January 2013) and local TB CARE I staff.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Twenty TB specialists from two new TB CARE I pilots and four districts of Rasht area trained on the use of TB IC equipment (18 males and 2 females) - Improved skills of participants on planning TB-IC activities at the level of TB facilities (the MDR-TB department, the admission and diagnostics department, and the department for TB susceptible patients). 			
3.2.6	KNCV	Procurement of IC measurement equipment for Rasht area and two new districts TBD	Procurement of IC measurement equipment was started from January 2014. Delivery of the TB IC equipment was done in June 2014. During this quarter, TB IC equipment was distributed to Regional SESs in Kulyab and Kurgan-Tyube region, TB Centers of Jirgital, Baljuvan, Farkhor, Tavildara, Tajikabad and Nurabad, inter-district TB hospital in Vose, TB hospital "SHIFO" in Machiton and National Public Health Laboratory (BSL III).	Feb 14	Aug 14	Completed in Q3
3.2.7	KNCV	TB-IC risk assessment of TB and PHC health facilities in two new pilots (TBD), four districts of Rasht area, GBAO and Soghd Oblast	Assessment on TB-IC risk transmission was conducted in TB facilities (including laboratories) of Sughd Region in April 14-19, 2014. The assessment was done by TB CARE I Regional TB-IC Officer, National TB-IC Coordinator, SES representative and TB CARE I Technical Officer. Assessment team visited the following facilities:	Dec 13	Jul 14	Ongoing

		<ul style="list-style-type: none"> - Aini District TB Center (April 14, 2014) - Oblast TB Hospital and Khujand City TB Center (April 15, 2014) - Isfara District TB Center (April 16, 2014) - Konibodom District TB Center (April 17, 2014) - Istaravshan District TB Center (April 18, 2014) <p>As a result of the assessment, recommendations for each visited TB health facility were developed and discussed with pilot district TB staff. In addition, general recommendations were presented to the NTP manager which included the following:</p> <ul style="list-style-type: none"> - Develop and/or improve the TB-IC activity plans for the year 2014; - Improve usage of UVGI fixtures; - Set up triage of patients in the TBCs for ambulatory care and waiting zones in the yard; - Install door closers on the doors between "dirty" and "clean" zones; - Train nurses in sputum collection techniques to decrease percentage of saliva in samples; - Improve natural ventilation in the TB facilities. Develop instructions on natural ventilation for different weather seasons. <p>Output:</p> <ul style="list-style-type: none"> - Conducted assessment on TB-IC risk transmission in TB facilities of Sughd Region - Developed set of recommendation for each assessed TB health facility that was discussed with health care personnel of respective facilities. - Developed general recommendations and presented to NTP manager 			
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3.2.8	KNCV	Development of instruction (SOP) on patient triage and separation to improve patient triage and separation practices in TB CARE I pilots	Development of instruction (SOP) on patient triage and separation to improve patient triage and separation practices was done by TB CARE I local staff with support from TB CARE I Regional TB-IC Officer Vlad Furman. Finalized draft was submitted to NTP for approval.	Nov 13	Jan 14	Completed in Q3
3.2.9	KNCV	Development and introduction of SOP for TB-IC measures in ambulatory care settings	Development of SOP for TB-IC measures in ambulatory care settings was done by TB CARE I local staff, with support of TB CARE I Regional TB-IC Officer. Finalized draft was submitted to NTP for approval.	Jan 14	Apr 14	Completed in Q3
3.2.10	KNCV	Training of SES specialists in the use of TB-IC monitoring tools, modern TB-IC assessment and monitoring approaches	With the aim to strengthen SES specialists' competencies in TB-IC planning and monitoring by updating them on best practices and tools in TB-IC assessment as well as to develop their ability to become competent specialists in TB IC TB CARE I conducted 3-day training in Dushanbe in April 21-23, 2014. The training was facilitated by Regional TB IC specialist and local TB CARE I staff. In total, 16 participants (12 males and 4 females) were trained.	Apr 14	May 14	Completed in Q3
3.2.11	KNCV	Supportive supervision and monitoring visits on TB-IC in TB CARE I pilots	In order to assess improvements in TB-IC measures implementation, TB CARE I specialists (regional and local) jointly with National TB IC coordinator during the quarter conducted regular supervision visits to the following TB CARE I pilot districts: Nurobod (April 07-08, 2014), Tojikobod (April 10, 2014), Rasht (April 11, 2014), Tavildara (May 05, 2014), Farhor (May 19-20, 2014) and Baljuvan (May 21-22, 2014). During the visit, monitoring team assessed implementation of TB-IC measures (development of TB-IC plans, use of TB-IC measurement equipment) and recommendations were provided to medical staff responsible for TB-IC in each visited facility.	Oct 13	Sep 14	Ongoing

3.2.12	KNCV	International advanced training in modern IC practices	Three representatives of MOH, Republican SES and Medical University (1 male, 2 females) nominated by the MOH to participate in the advanced training course "Nosocomial TB transmission risk reduction" in Russia (Vladimir) on March 31 - April 4, 2014. All preparation related to the participation in abovementioned training course was done in time.	Mar 14	May 14	Completed in Q2
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Photo 9. On-the-job training on UVGI in the Oblast TB Hospital during the TB IC risk assessment, Sughd region



Photo 10. On-the-job training on air flows in the Oblast TB Hospital during the TB IC risk assessment, Sughd region



Photo 11. Training of SES specialists in the use of TB-IC monitoring tools, modern TB-IC assessment and monitoring approaches, April 21-23, 2014



Photo 12. Training of SES specialists in the use of TB-IC monitoring tools, modern TB-IC assessment and monitoring approaches, April 21-23, 2014

2.4 PMDT

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to Date	Comments
C6	Number of MDR cases diagnosed	60	70	Number of MDR TB cases diagnosed in 9 TB CARE I pilots in Q3 is 14 Number of MDR TB cases diagnosed in 9 TB CARE I pilots in Q1, Q2 and Q3 (Oct 2013-June 2014) is 53.	
C7	Number of MDR cases put on treatment	Dangara,	Dangara, Temurmalik	Q3:	

		Temurmalik – 35 (80)% in 2013 Rasht area (Rasht, Nurabad, Tojikobod, Tavildara, Jirgital) - 15 (100)% in 2013 2 new district (TBD)-0% - 2013	- 100%, Rasht area (Rasht, Nurabad, Tojikobod, Tavildara, Jirgital) – 100%, 2 new district (Farhor, Baljuvan) – 100%	Dangara - 1 (100%), Temurmalik – 1(100%), Rasht – 0 (100%), Nurobod – 1 (100%), Tojikobod – 0, Tavildara - 0, Jirgital – 0 (100%), Farhor -10 (100%), Baljuvan -1 (100%) Total Q1, Q2 and Q3: Dangara - 7 (100%), Temurmalik – 9 (100%), Rasht – 1 (100%), Nurabad – 7 (100%), Tojikobod – 2 (100%), Tavildara - 0, Jirgital – 4 (100%), Farhor - 19 (100%), Baljuvan - 4 (100%)		
4.1.2	MDR TB patients who are still on treatment and have a sputum culture conversion 6 months after starting MDR-TB treatment		50%		Measured annually	
4.1.3	MDR TB patients who have completed the full course of MDR TB treatment regimen and have a negative sputum culture	73%	70%		Measured annually	
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status
				Start	End	
4.1.1	KNCV	Printing and distribution of copies of MDR TB guideline among pilot district TB professionals	TB CARE I project supported revision of the MDR TB Guideline, which was done jointly with TWG members. Revised MDR TB Guideline was approved by MoH order No. 64 dated 8 February 2014. 350 copies were printed this quarter and provided to NTP for further distribution.	Oct 13	Dec 13	Completed in Q2
4.1.2	KNCV	Development of PMDT training modules on comprehensive programmatic	To conduct the advanced TOT training on PMDT, KNCV HQ HRD Consultant Ieva Leimane, TB CARE I Country Director for	Nov 13	Jan 14	Completed in Q2

		management of DR TB utilizing cross cutting content	Kazakhstan/Regional Senior TB Advisor Maria Idrissova, jointly with TB CARE I local staff, developed a draft of the PMDT module based on Tajikistan MDR-TB guidelines, and including Adult Education Principles and Training Methodologies. Module materials included program needs that correspond to appropriate target groups (TB, PHC doctors and nurses); the draft of the module was used by training facilitators for teaching during advanced TOT training on PMDT. The draft of the PMDT training module was finalized and will be used during further PMDT trainings in TB CARE I pilot sites countrywide.			
4.1.3	KNCV	Advanced TOT training on comprehensive programmatic management of DR TB	<p>The five-day advanced TOT training on comprehensive programmatic management of DR TB was held (December 10-14, 2013) for healthcare professionals from NTP and TB CARE I pilot sites engaged in clinical management of DR-TB in their respective settings. Training aimed to prepare participants for further DR-TB trainings based on updated management of TB, TB-HIV and DR-TB in accordance with national PMDT guidelines.</p> <p>Twenty participants (13 males and 7 females) were involved in the training, where TB CARE I staff (Country Director for Kazakhstan/Regional Senior TB Advisor Maria Idrissova, Technical officer Firuza Saidova) and KNCV HRD Consultant (Ieva Leimane) facilitated sessions during the training. Specialists from the NTP and TB CARE I pilot sites co-facilitated specific sessions.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - Improved trainer skills of 20 professionals - Developed competencies of the participants on planning and 	Jul 14	Sep 14	Completed in Q1

			<p>management of MDR-TB case management</p> <ul style="list-style-type: none"> - Prepared PMDT module based on National MDR TB Guideline and training materials for specific settings and target groups. 			
4.1.4	KNCV	Refresher PMDT trainings in current pilot sites	<p>Two three-day refresher PMDT training was conducted by TB CARE I local staff and NTP specialist on November 12-14, 2013 and February 17-19, 2014. 15 TB doctors from five districts of Rasht area (15 males) and 15 TB doctors from 4 TB CARE I pilot districts in Khatlon Oblast (13 males, 2 females) attended the trainings.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - TB clinicians from 9 TB CARE pilots were trained on MDR TB 	Dec 13	Jan 14	Completed in Q1 and Q2
4.1.5	KNCV	PMDT trainings in new pilot districts TBD	<p>As part of PMDT implementation in new TB CARE I pilots (Farhor and Baljuvan), two three-day PMDT trainings were conducted for TB and PHC providers from Baljuvan (November 26-28, 2013) and Farhor (November 23-25, 2013). Each pilot district was represented by the TB center, TB department (TB doctors, nurses) and PHC facility (family doctors) who will act as the district PMDT team in their own district. Trainings were facilitated by NTP MDR TB coordinator and TB CARE I staff. A total of 30 participants (30 males) attended these trainings.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - 30 TB clinician and PHC providers from new TB CARE I pilots were trained on PMDT. 	Feb 14	Mar 14	Ongoing, the last training is planned to conduct in Q4
4.1.6	KNCV	Trainings on management of SLD for nurses from new districts	<p>Two 2-day trainings on management of SLD for nurses from Baljuvan (June 17-18, 2014) and Farhor (June 19-20, 2014) were conducted by TB CARE I Technical officer jointly with National Drug Coordinator in Kurgan-tube city.</p>	Feb 14	Mar 14	Completed in Q3

			<p>Altogether, 30 participants (17 males and 13 females) attended these trainings.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - 30 TB and PHC nurses from new TB CARE I pilots (Farhor and Baljuvan) were trained on management of second line drugs. 			
4.1.7	KNCV	Supportive supervision and monitoring visits	Supportive supervision and monitoring visits to TB CARE I pilots in Rasht area (April 01-06 and June 19-22, 2014) and Farhor (April 30, 2014) were conducted by TB CARE I local staff and National MDR TB Coordinator. During the visits, monitoring team provided on-the-job trainings for local staff on proper clinical management of MDR TB patients, as well as on filling in of revised reporting and recording TB forms.	Oct 13	Sep 14	Ongoing
4.1.8	KNCV	Cross-monitoring missions to TB CARE I project countries/sites	Cross-monitoring missions to TB CARE I countries were conducted with the aim to exchange the knowledge and skills in the management of tuberculosis, focusing on response measures to the prevalence of drug-resistant tuberculosis. Missions were conducted in accordance with the following schedule: Tajikistan (May 12-16, 2014), Kazakhstan (May 19-23, 2014), Kyrgyzstan (May 26-30, 2014). During the missions participants visited TB and PHC facilities in TB CARE I pilots, met with leaders and practitioners at the national and regional levels and overviewed the best practices in each country. Participants from Tajikistan learned more in palliative care, TB management in penitentiary system and organization of ambulatory care model in Kyrgyzstan and Kazakhstan.	Apr 14	May 14	Completed in Q3
4.1.9	KNCV	National coordination meeting on the results of cross-monitoring missions to TB CARE I project countries/sites	The activity is planned for Q4	May 14	Jun 14	Pending

4.1.10	KNCV	TWG meetings on MDR TB	The activity is planned for Q4	Oct 13	Sep 14	Pending
4.1.11	KNCV	Advanced training in PMDT for TB specialists from NTP	TB CARE I supported participation of two NTP specialists (Dr. Jumaev R., Director of Regional TB Center 1 of Khatlon Oblast (Kulyab area and Dr. Kamolov S., Director of Regional TB Center 2 of Khatlon Oblast (Kurgan-tube area) in the training course "Role of Palliative Care in M/XDR TB management " March 03-07, 2014 in Riga, Latvia.	Jun 14	Sep 14	Completed in Q2



Photo 13. Trainings on management of SLD for nurses from Baljuvan district, June 17-18, 2014



Photo 14. Trainings on management of SLD for nurses from Farhor district, June 19-20, 2014

2.6 HSS

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to Date	Comments
6.2.1	TB CARE-supported supervisory visits conducted	54	90 (10 visits to 9 sites)	52 visits were conducted during the Q1-Q3 (37 visits in Q3)	Measured annually
6.2.2	People trained using TB CARE funds	1010	885	665 (183 females, 482	

Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status
				Start	End	
6.2.1	KNCV	International conferences and workshops	TB CARE I supported participation of NTP Manager Dr. Bobokhojaev O. I. in the 44 Union World Conference on Lung Health in Paris (October 30 – November 03, 2013).	Dec 13	Sep 14	Completed in Q1
6.2.2	KNCV	Support on development of concept note for GFATM	The activity was canceled due to the fact that WHO Country Office hired International Consultant for development of National Strategic Plan on TB and Concept note for GFATM.	Mar 14	Jul 14	Canceled

2.7 M&E, OR and Surveillance

Code	Outcome Indicators and Results	Actual Year 3 or Baseline Result	Expected End of Year 4 Result	Result to Date	Comments	
7.2.1	Data quality measured by NTP			80% of reports (timeliness, accuracy and completeness)		
7.1.2	<i>R&R forms revised according to latest WHO recommendations</i> Description: Recording and reporting system (paper-based) for routine surveillance exists at national, oblast and district levels, revised according to the latest WHO recommendations and approved	No	Yes	Yes. Since January 2014, Tajikistan switched on to the use of updated R&R forms.		
Activity Code (***)	Lead Partner	TB CARE Year 4 Planned Activities	Cumulative Progress as of Quarter's End	Planned Month		Status
				Start	End	
7.1.1	KNCV	Review of R&R forms according to the latest WHO recording and reporting requirements	TB CARE I project supported the process of revision of R&R forms and TB definitions. In September 2013, NTP established a TWG to conduct the work. With technical support, TB CARE I Regional M&E Officer Aigul Tursynbayeva and local TB CARE I staff NTP	Nov 13	Jan 14	Completed in Q1

			<p>facilitated eight TWG meetings to discuss new WHO requirements for TB definitions and reporting framework.</p> <p><u>Output:</u></p> <ul style="list-style-type: none"> - TB definitions and R&R forms were revised in accordance with WHO recommendations - Instruction on data collection, revised R&R forms and TB definitions was developed. 			
7.2.1	KNCV	Development of instruction on data collection based on revised R&R forms	<p>TB CARE I supported the process of revision of TB definitions and R&R forms with the latest WHO recommendations as well as the development of instruction on data collection based on revised R&R forms. TB CARE I Regional M&E Officer Aigul Tursynbayeva jointly with NTP professionals and local TB CARE I Technical Officers developed the instruction on data collection based on revised R&R forms and definitions. The instruction was approved by Ministry of Health Order No.64 dated 8February 2014.</p>	Nov 13	Feb 14	Completed in Q2
7.2.2	KNCV	Training on revised R&R forms for oblast and district TB coordinators	<p>In order to train district TB coordinators on revised R&R forms and instruction on data collection, TB CARE I facilitated two, three-day trainings for district TB Coordinators from RRS (Rayons of Republican Subordination), including five pilot districts in Rasht area, March 04-06, 2014, and oblast and district TB Coordinators from Kulyab area, including four TB CARE I pilots, on February 12-14, 2014. Totally, 30 TB Coordinators from oblast and district TB centers (28 males and 2 females) participated in the workshop.</p>	Mar 14	Jun 14	Completed in Q2
7.2.3	KNCV	Supportive supervision and monitoring visits	<p>The activity is planned to conduct in Q4</p>	Oct 13	Sep 14	Pending
7.2.4	KNCV	Cohort analysis workshops to improve data collection and data analysis	<p>The activity is planned to conduct in Q4</p>	Apr 14	Sep 14	Pending

7.3.1	KNCV	OR on reasons for treatment default	<p>This quarter within the activity 7.3.1, TB CARE I facilitated the workshop on protocol development for operational research on February 24-28, 2014. The protocol development workshop was attended by 11 specialists (7 males and 4 females) from NTP and city/district TB facilities. Aigul Tursynbayeva (KNCV Regional M&E Officer) and Suzanne Verver (Senior Epidemiologist, KNCV HQ) facilitated the workshop. As a result of the workshop, two draft protocols were developed by participants:</p> <ul style="list-style-type: none"> - To assess risk factors for TB patient failure to follow-up, in comparison with patients successfully treated, with a case control design, using existing records. - To assess what happens to TB patients who fail to follow-up for treatment, by interviewing those recently lost to follow-up. <p>An implementation plan was also developed as part of the abovementioned protocols.</p> <p>During the Q3 data collection in the selected TB health facilities was done by TB CARE I and NTP specialists. Data analyses and report development will be done in Q4.</p>	Jan 14	Sep 14	Ongoing
7.3.2	KNCV	CAR regional SORT-IT OR course	TB CARE I supported participation of 1 participant from NTP in the CAR Regional SORT-IT OR course that was held in Astana in June 23 – July 05, 2014.	Jan 14	Sep 14	Completed in Q3



Photo 15. Data collection within the OR on reasons of treatment default, Konibodom, May 05, 2014



Photo 16. Data collection within the OR on reasons of treatment default, Panjakent, May 03, 2014

3. TB CARE I's Support to Global Fund Implementation in Year 4

Current Global Fund TB Grants

Name	Average Rating*	Current Rating	Total Approved Amount	Total Dispersed to Date
RCC3 (Rolling Continuation Channel of Round 3) Grant Number: TAJ-304-G02-T	01/10/2009-30/06/2010 – B1 01/07/2010-31/12/2010- B1 01/01/2011-30/06/2010 – B1 01/07/2011-31/12/2011 – B1 01/01/2012-30/06/2012 – B2 01/07/2012-31/12/2012 –B2	6 Average: B1 Latest: B2	Total Agreement Amount is \$12,398,456 Total Committed Amount is \$9,526,584	\$9,526,584
Transitional Funding Mechanism (TFM) Grant Number: TAJ-809-G09-T	N/A	N/A	N/A	N/A

* Since January 2010

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

Tajikistan has started preparation of the Concept Note for Global Fund New Funding Mechanism (NFM). Since December 2013⁴, in the framework of this activity, the Country Dialogue on discussion of NFM commenced. Moreover, the international consultant was hired by the WHO Country Office for development of the National Strategic Plan on TB. The issue on Primary Recipient for NFM is under discussion and will be nominated at a later date by CCM. Presently, the first draft of National Strategic Plan on TB is developed and submitted to the NTP for discussion and finalization. International partners and projects (WHO, Project HOPE, KNCV, UNDP, Project Quality USAID and MSF) are actively involved in the process of finalization.

Currently, there are two active Global Fund programs on TB control in Tajikistan: RCC3 (Rolling Continuation Channel of Round 3) and Transitional Funding Mechanism (TFM). These two GF projects are being successfully implemented.

The primary recipient of RCC3, Grant Number: TAJ-304-G02-T is Project Hope. The current rating of the project since December 2012 is B 2. Total agreement amount is \$12,398,456. Presently, this project supports DOTS in 37 districts. From mid-2013, the project started implementation of PMDT in seven districts (six districts in Soghd Oblast and one district in Khatlon Oblast). The major share of this grant is allocated for procurement of FLDs for country, as well as SLDs for 300 patients (from 2013 to 2015), and provision of laboratory reagents and commodities for microscopy laboratories.

From October 2013, UNDP is managing the TFM Project (TAJ-809-G09-T), which has two objectives ("Ensure High-Quality Diagnosis" and "Address TB/HIV, MDR TB and Other Challenges"). The period of project implementation in framework of this grant is from October 2013 to November 2015.

The project is focused on supporting laboratory systems, management of MDR TB cases, improvement of TB management among risk groups, including children, and improvement of quality of care and nosocomial infection control. Under this grant, the number of trainings is limited and focused on MDR TB treatment and quality control in microscopy and culture investigations. Under this grant, it was planned to procure second line drugs for 1,600 patients over two years (800 treatment courses in 2014 and 2015 respectively).

Currently, in framework of this grant, in the beginning of 2014, injectable second line drug (Cm) for 814 treatment courses and the rest SLD (Lfx, Mfx, PAS, Cs, Pto) for 407 MDR TB patients were procured and delivered to the country.

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

From the introduction of TB CARE I in the country, effective collaboration was established with both projects of Global Fund in Tajikistan, particularly in the areas of GeneXpert implementation, PMDT and M&E. There is a regular update and exchange of information among projects, including joint participation in TWG meetings.

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	333	245	
Total 2011	598	380	
Total 2012	780	536	
Jan-Mar 2013	195	125	
Apr-Jun 2013	277	88	
Jul-Sep 2013	227	234	
Oct-Dec 2013	366	219	
Total 2013	1065	666*	*Due to lack of SLD not all MDR diagnosed cases were enrolled to the treatment in 2013.
Jan-Mar 2014	126	162**	**36 MDR TB patients from waiting list were enrolled in treatment from January to March 2014
Apr-Jun 2014	203	243***	***40 MDR TB patients from waiting list were enrolled in treatment from April to June 2014
Jul-Sep 2014			
Total 2014	329	405	

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
1	KNCV	1.2.2	Gulnara Kaliakbarova	Meeting on the establishment of patient support team (at NTP level)	November 2013	Completed	December 15-21, 2013	Combined with 1.2.3.and 1.2.10*
2	KNCV	1.2.3	Gulnara Kaliakbarova	Coordination meetings with local government authorities (Hukumats)	December 2013	Completed	December 15-21, 2013	Combined with 1.2.2.and 1.2.10*
3	KNCV	1.2.4	Gulnara Kaliakbarova	Training on outpatient care and PSS protocol for Rasht area districts and two new districts TBD	December 2013	Completed	June 01-08, 2014	Combined with 1.2.10*
4	KNCV	1.2.10	Gulnara Kaliakbarova	Supportive supervision visits on outpatient care and psychosocial patient support model in TB CARE I pilots	November 2013, August 2014	Completed	December 15-21, 2013	Combined with 1.2.2.and 1.2.3*
5	KNCV	2.3.1	Valentina Anisimova	Development of the national Xpert MTB/RIF maintenance and troubleshooting guide	October 2013	Completed	December 12-22, 2013	Combined with 2.3.2 and 2.3.6*
6	KNCV	2.3.3	Gulmira Kalmambetova	Development of M&E plan for Xpert MTB/RIF	December 2013	Completed	April 13-25, 2014	Conducted by Valentina Anisimova, Combined with 2.3.4 and 2.3.8*
7	KNCV	2.3.5	Svetlana Pak	Workshop on Xpert planning and budgeting	August 2014	Pending		
8	KNCV	2.3.6	Gulmira Kalmambetova	Training on Xpert MTB/RIF troubleshooting and maintenance	February 2013	Completed	December 12-22, 2013	Conducted by Valentina Anisimova, combined with 2.3.1 and 2.3.2*
9	KNCV	2.3.8	Valentina Anisimova	Training on MIS on Xpert MTB/RIF	March 2014	Completed	April 13-25, 2014	Conducted by Valentina Anisimova, Combined with 2.3.4 and 2.3.3*
10	KNCV	2.3.15	Gulmira Kalmambetova	Evaluation of Xpert use and its impact on the country	July 2014	Canceled	-	

11	KNCV	2.3.19	Gulmira Kalmambetova	Workshop on evaluation of Xpert use and its impact to the country	July 2014	Pending		
12	KNCV	3.2.3	Vlad Furman	Cascade TB-IC trainings for health providers (nurses, PHC physicians and laboratory personnel) from nine TB CARE I districts	February 2014	Completed	February 10-12, 2014	
13	KNCV	3.2.4	Vlad Furman	Development of TB-IC plans for TB health facilities in Rasht area and new pilot districts TBD	March 2014	Completed	December 08-14, 2013	Combined with 3.2.7*
14	KNCV	3.2.7	Vlad Furman	TB-IC risk assessment of TB and PHC health facilities in two new pilots (TBD), four districts of Rasht area, GBAO and Sogd Oblast	December 2013, February-March 2014, April 2014, July 2014	Completed	December 08-14, 2013 April 14-17, 2014	
15	KNCV	3.2.10	Vlad Furman	Training of SES specialists in the use of TB-IC monitoring tools, modern TB-IC assessment and monitoring approaches	April 2014	Completed	April 21-23, 2014	Combined with 3.2.7*
16	KNCV	4.1.3	Maria Idrissova Ieva Leimane	Advanced TOT training on comprehensive programmatic management of DR TB	July 2014	Completed	December 08-14, 2013	
17	KNCV	4.1.9	Maria Idrissova	National coordination meeting on the results of cross-monitoring missions to TB CARE I project countries/sites	May 2014	Pending		Planned in Q4
18	KNCV	7.1.1	Aigul Tursunbaeva	Review of R&R forms according to the latest WHO recording and reporting requirements	November 2013	Completed	December 01-06, 2013	
19	KNCV	7.2.2	Aigul Tursunbaeva	Training on revised R&R forms for oblast and district TB coordinators	March 2014	Completed	December 01-06, 2013	
20	KNCV	7.2.4	Agnes Gebhard	Cohort analysis workshops to improve data collection and data analysis	July 2014	Pending		
21	KNCV	7.3.1	Suzanne Verver Aigul Tursunbaeva	OR on reasons for treatment default	January and August 2014	Completed	February 24-March 01, 2014	
22	KNCV	S&O	Timur Bazikov	Managerial visit	February	Completed	February 05-	Timur conducted

					2014		11, 2014	the regular managerial visit
23	KNCV	S&O	Murdo Bijl	Managerial visit	February 2014	Completed	January 28-February 02, 2014	
24	KNCV	S&O	Agnes Gebhard	Managerial visit	February 2014	Completed	January 31-February 02, 2014	
25	KNCV	S&O	Svetlana Pak	Managerial visit	February 2014	Completed	January 29-February 02, 2014	
26	KNCV	S&O	Danara Izmukhanova	Managerial visit	June 15-18, 2014	Completed	June 15-18, 2014	
27	KNCV	S&O	Katja Lumelova	Managerial visit	June 15-18, 2014	Completed	June 15-18, 2014	
Total number of visits conducted (cumulative for fiscal year)							22	
Total number of visits planned in workplan							27	
Percent of planned international consultant visits conducted							82%	

* Combined activities, savings were re-budgeted through MOT.