



TB CARE I

TB CARE I - Uzbekistan

Year 4

Quarterly Report

January– March 2014

April 30, 2014

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1. Quarterly Overview

| | |
|--------------------|--|
| Country | Uzbekistan |
| Lead Partner | WHO |
| Coalition Partners | KNCV |
| Other Partners | N/A |
| Workplan Timeframe | October 1, 2013 – December 31, 2014 |
| Reporting Period | January – March 2014 |

Most Significant Achievements

Infection Control

TB IC trainings were held for two groups of specialists from the TB service, the Sanitary Epidemiologic Services (SES) and penitentiary sector from the four new pilot regions (Bukhara, Kashkadarya, Khorezm and Navoi regions) to develop participants' ability to become competent specialists in TB IC. The first training was aimed at strengthening competencies of local health care managers, including prison sector; the second training was a specialized training on using TB IC measurement tools for local TB and SES specialists.

A WHO consultant and TB CARE I Regional IC Officer, joined by NTP staff, performed an assessment mission on infection control February 2-5, 2014. The team assessed TB IC at the regional TB dispensary in Kashkadarya region and TB hospital in Kitab city. In some facilities, the TB IC implementation was never assessed before, so mission made specific recommendations for each facility on improving infection control. Additionally, consultants made recommendations on how to apply administrative and environmental measures in buildings where reconstruction and renovations are occurring or planned. Findings were discussed in a meeting with the NTP. One of the common recommendations made for visited facilities was to establish TB-IC commissions and assign TB-IC responsible persons in the facilities. Assessment results will be used for further project interventions in APA4.

PMDT

Implementation of the MDR-TB program in three new TB CARE I pilots (Kashkadarya, Bukhara and Navoi regions) was assessed this quarter. The mission evaluated MDR-TB case finding and treatment strategies, administration and follow-up as well as the plan for further capacity building on DR TB case management. Key recommendations were (1) to change the MDR-TB case detection strategy, ensuring DST tests for all TB patients who start TB treatment, (2) use rapid molecular testing for patients with high MDR-TB risks (all smear positive patients, all retreatment patients, smear negative patients at risk for MDR-TB, HIV positive patients, and children) and (3) to strengthen supportive supervision from Central level to ensure that PMDT management is accurate (on the spot training component should be included).

M&E

Two four-day trainings were held on the national guidelines on M&E in TB control for 44 specialists, responsible for TB service M&E in all regions of Uzbekistan. National M&E specialists were informed about all key updates to the national M&E system, adjusted according to the revised WHO case definitions and reporting forms from 2013.

Technical and Administrative Challenges

Due to the pending approval of the national policy document on TB control (new MOH's comprehensive order on TB control), a few planned for Q2 activities were moved to Q3.

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 |
|---------------------|---|---|---|--|-------------------------------|---|
| 1.2.11 | National policy document on outpatient care introduced at national level | | National policy document on outpatient care developed and submitted to MOH (APA3) | National policy document on outpatient care approved | Document is not yet approved. | Approval is in process |
| 1.2.12 | <i>Percent of TB and MDR-TB patients enrolled in outpatient care under TB CARE I model in Samarkand region.</i> Description: Proportion of TB and MDR-TB patients put on outpatient care under TB CARE I model in Samarkand region. | | 0% (APA3) TB (0/2032) MDR-TB (0/600) | 20% TB (406/2032) MDR-TB (120/600) | 0% | Outpatient model (included into consolidated order on TB control) is not yet approved |
| 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. | WHO, KNCV | Introduction of the national policy document (attachment to new MOH's order on TB control) on outpatient care at the pilot level (Tashkent and Samarkand regions) | Approval of new MOH's order on TB control is in process. Once approved, activity will be organized. | Nov 13 | Feb 14 | Pending |
| 1.2.2. | WHO, KNCV | Roundtable on psychosocial aspects of outpatient care in Tashkent and Samarkand regions | Re-Planned for April 2014 | Dec 13 | Jan 14 | Planned |
| 1.2.3. | WHO | Trainings on outpatient care and patient support for Tashkent and Samarkand regions | Planned for May-June 2014 due to pending approval of MOH's order on TB control | Nov 13 | Feb 14 | Planned |

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.)

| | | | | | | |
|--------|-----------|---|---|----------------------------|--------|---------|
| | | | | | | |
| 1.2.4. | WHO | Extensive training for medical and non-medical psychologists from Samarkand and Tashkent regions and Tashkent city on psychological aspects of care for TB patients | Rescheduled for May 2014 | Dec 13 | Feb 14 | Planned |
| 1.2.5. | WHO, KNCV | Training for PHC and TB staff (treatment supporters) on psychological care for Tashkent and Samarkand regions | Rescheduled for May 2014 | Jan 13 | Feb 14 | Planned |
| 1.2.6. | WHO | Monitoring and supervision visits on outpatient care (including psychosocial aspects) in Tashkent and Samarkand regions | Two rounds of supervision visits to Samarkand and Tashkent region were held within quarterly national monitoring of TB service, initiated by WHO-USAID «Partnership project» in Nov 2013 and Feb 2014. National experts evaluated quality of ambulatory stage of treatment, PHC and TB workers were provided with recommendations for its further improvement. | Nov 13 Mar 14 Jun 14 | 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 |
|-------|---|---|--|---|---|
| 2.3.1 | Diagnostic sites offering advanced technologies for TB or drug-resistant TB | Five Xpert sites offering advances technologies for TB / DR-TB: NRL - 2 Tashkent Region 2 Samarkand Region - 2 Karakalpakstan -3 <u>TB CARE funded machines - 0</u> | 21 Xpert sites offering advances technologies for TB / DR-TB: NRL - 2 Tashkent Region 2 Samarkand Region - 2 Karakalpakstan -3 Surkhandarya - 2 Ferghana - 6 <u>TB CARE funded -</u> | TB CARE I-funded: 0 Four TB CARE I-funded machines were procured. Delivery date of Q2 2014 | Contract for four Xpert MTB/RIF machines and 12,000 cartridges (4,000 cartridges in 1 st delivery) for four new TB CARE I pilots was paid. Remaining cartridges will be delivered in APA4 Q3-Q4. |

| | | | 4 regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions, 1 machine per region) | | | |
|---------------------|--|--|---|--|--|-----------|
| 2.3.2 | Rapid tests conducted | Total # Xpert tests performed by 3 sites: – 9,000: NRL – 3,600 Samarkand – 2,150 Tashkent Region – 2,500 Surkhandarya -750 <u>No TB CARE funded Xpert MTB /RIF machines in country</u> | Total # Xpert tests performed by 10 sites: Total – 20,000: <u>TB CARE funded Xpert tests</u> – 8,000 | Data is not available. <u>TB CARE funded Xpert tests</u> – 0 | Data is not yet announced by NTP TB CARE I funded machines will be functioning from Q2 2014 | |
| 2.3.3 | Patients diagnosed with Xpert MTB /RIF | Nationwide: TB (TB and MDR-TB) – 28% (2,483 out of 8868) RIF res–40% (985 out of 2483) | <u>TB CARE funded Xpert tests</u> TB and MDR-TB - 35% (2800 out of 8000) RIF res–40% (1120 out of 2800) | Nationwide: (data is available only for 9 months of 2013): TB (TB and MDR-TB) – 41% (1226 out of 2943) RIF res–48% (589 out of 1226) | Data is not yet announced by NTP | |
| Activity Code (***) | Lead Partner | TB CARE Year 4 Planned Activities | Cumulative Progress as of the Quarter's End | Planned Month | | Status |
| | | | | Start | End | |
| 2.3.1. | WHO | Procurement of Xpert MTB/RIF testing machines and cartridges for four new pilots (Tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions according to NTP recommendations). | Four Xpert MTB/RIF machines and 12,000 cartridges (4,000 cartridges in 1 st delivery) for four new TB CARE I pilots were procured. Remaining cartridges will be delivered in APA4 Q3-Q4. | Nov 13 | Dec 13 | Completed |
| 2.3.2. | WHO | Series of trainings on Xpert MTB/RIF in new pilots (Tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Serial training will be held prior to arrival of procured Xpert MTB/RIF machines in APA4 Q3. | Dec 13 | Jan 14 | Planned |
| 2.3.3. | WHO | Refresher trainings on clinical aspects of Xpert MTB/RIF for clinicians of TB and PHC services in Samarkand and | Planned for APA4 Q3 | Jan 14 | Mar 14 | Planned |

| | | | | | | |
|--------|-----------|---|---|----------------------------|--------|---------|
| | | Tashkent regions (APA3 sites) | | | | |
| 2.3.4. | WHO, KNCV | Development of Xpert MTB/RIF maintenance plan | Planned for APA4 Q3. | Jan 14 | Mar 14 | Planned |
| 2.3.5. | WHO, KNCV | Training in Xpert MTB/RIF maintenance and troubleshooting, planning and budgeting, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions | Planned for APA4 Q3. | Feb 14 | Mar 14 | Planned |
| 2.3.6. | WHO, KNCV | Supportive supervision and monitoring of Xpert MTB/RIF implementation in TB CARE I pilots | Supportive supervision and monitoring visit was organized to Samarkand region. Overall functionality of Xpert machines was improved (UPSs reinstalled, annual calibration done). On-site refresher training on rapid TB testing was organized for lab staff in Samarkand and Kattakurgan cities. <u>Q2 APA4 update:</u> Visits to new TB CARE I pilots (Bukhara, Navoi, Kashkadarya and Khorezm regions) were organized within quarterly national monitoring of TB service, initiated by WHO-USAID «Partnership Project». NRL staff visited places where Xpert MTB/RIF machines will be installed and discussed how to organize effective sputum transportation routes and improve time-to-treatment period shortening once machines arrived. Relevant recommendations were provided. By next round of monitoring visits (June 2014), when installation of TB CARE I supported GeneXpert machines will be completed, recommendations made will be followed up by NRL/WHO staff. | Nov 13 Mar 14 Jun 14 | Sep 14 | Ongoing |
| 2.3.7. | WHO, KNCV | Meetings to review progress of Xpert MTB/RIF implementation, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions. | Planned for APA4 Q3-Q4 | Mar 14 | Sep 14 | Planned |
| 2.3.8. | WHO, KNCV | Revision of the national Xpert MTB/RIF strategy | Planned for APA4 Q4 | Aug 14 | Sep 14 | Planned |

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 |
|-------|---|--|--|---|--|
| 3.1.1 | National TB-IC guidelines that are in accordance with the WHO TB-IC policy have been approved | National TB-IC guidelines approved | National TB-IC guidelines introduced in four TB CARE I pilot oblasts (Tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Introduction of the National TB-IC guidelines was started with assessment visit held in Dec 2013 and in Feb 2014. | TB IC mission was organized in December 2013 and in Feb 2014 to assess TB IC measures in place in TB facilities in four new TB CARE I pilots. Schedule of TB IC interventions (trainings on TB IC, development of TB IC implementation plans and regular supervision) was developed for those regions. |
| 3.2.1 | Facilities implementing TB-IC measures with TB CARE support | TB-IC measurement tools were provided for two TB CAREI pilots (Samarkand and Tashkent regions) and for NTP's central unit. | New four TB CARE I pilot sites (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) equipped with modern TB-IC measurement tools. All six pilots (including Tashkent and Samarkand regions) effectively follow the National TB-IC guidelines. | Measured annually | Needs in TB IC measurement equipment were assessed in the framework of TB IC mission held in Dec 2014. Sets of TB IC measurement tools for four new pilot regions were procured in Q1 2014. |
| 3.2.1 | Facilities implementing TB-IC measures with TB CARE support | 25% of facilities in Samarkand and Tashkent regions received support for implementation of TB IC measures through TB CARE (5 of 20). 35 HCWs from TB service and SES in Samarkand and Tashkent regions were trained in TB-IC risk assessment and facility IC plan development | 50% of facilities in Samarkand and Tashkent regions received support for implementation of TB IC measures through TB CARE (10 of 20). | Measured annually | TB IC measures' implementation strategy was discussed during TB IC missions held in Dec 2013 and Feb 2014 and training on TB IC for healthcare conducted in Feb 2014. |

| 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. | WHO | Introduction of national SES regulatory TB-IC documents | Two trainings for 34 SES specialists, including prison sector, from all regions of Uzbekistan were conducted to strengthen their competencies in TB-IC controls, by reinforcing best practices and tools in TB-IC programs and introducing updated SES regulation on TB control (SanPIN). | Jan 14 | Feb 14 | Completed |
| 3.2.1. | WHO, KNCV | Assessment visits to evaluate new TB CARE I pilots (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions) for compliance with modern IC standards. Development of IC plans for those health facilities in pilot districts. | Needs assessment to improve TB-IC measures in the TB facilities of Khorezm, Navoi and Bukhara oblasts was held in Dec 2013. TB-IC challenges that need to be prioritized and addressed in 2014 in three new pilot oblasts were identified. Assessment of fourth TB CARE I pilot in Kashkadarya region was made in Feb 2014. Important recommendations on how to implement modern TB-IC measures in hospital buildings during renovation were provided for two facilities in Karshi and Kitab cities. | Nov 13 | Dec 13 | Completed |
| 3.2.2. | WHO, KNCV | Comprehensive workshop on TB-IC for healthcare managers and key persons, responsible for IC, including prison in new TB CARE I pilot sites (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions). | The "Comprehensive TB-IC Training" course for 13 specialists (F=4) from the SES was held on 27-28 Feb 2014, for four new TB CARE I project pilot sites. At this event, improved collaboration on TB IC was achieved between the TB Service and SES, as representatives from both services worked together to update their knowledge and skills. | Nov 13 | Dec 13 | Completed |
| 3.2.3. | WHO | Procurement of IC measurement equipment to be used in new TB CARE I pilots, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions | Four TB IC measurement equipment sets were procured for four new pilot regions to equip selected IC measurement teams for general sector. One additional set will be granted to the SES service in Bukhara regions, to ensure compliance between TB service (as executor of TB IC) and sanitary service (as supervisor of TB IC). | Nov 13 | Dec 13 | In process |

| | | | | | | |
|--------|-----------|--|---|----------------------------|--------|------------|
| | | | The official handover ceremony is planned for Q3 APA4, when equipment will arrive in Uzbekistan. | | | |
| 3.2.4. | WHO, KNCV | Training on use of IC measurement equipment in Bukhara, Navoi, Kashkadarya and Khorezm regions (tentatively) | <p>Training on TB IC measurements was conducted in February 2014, for 22 regional (Bukhara, Navoi, Kashkadarya and Khorezm regions) health care professionals (including SES and the Ministry of Interior), who were engaged in TB-IC implementation and scale-up activities in their respective settings (F=4).</p> <p>Nominees for the training were selected by NTP to further serve as experts in TB IC measurement in respective regions, to ensure equal level of TB IC in all TB facilities.</p> | Jan 14 | Feb 14 | Completed |
| 3.2.5. | WHO, KNCV | TB-IC plans development in TB facilities of new TB CARE pilots, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions | <p>TB-IC plans at the facility level in pilot sites were introduced during TB IC assessment mission held in Dec 2013.</p> <p>Follow-up on the developed plans was held jointly with Act.3.2.4 (Training on the use of IC measurement equipment) in Feb 2014. TB doctors with support from IC experts' made appropriate corrections in drafted Dec 2013 facility TB IC plans, based to 3 months of experience implementing the plans.</p> | Nov 13 | Feb 14 | Completed |
| 3.2.6. | WHO, KNCV | Supervision and monitoring of TB-IC plans implementation in TB facilities in TB CARE I pilot regions: APA3 sites (Tashkent and Samarkand regions); new pilots (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions). | <p>First round of supervision visits to TB CARE I pilot regions were held within quarterly national monitoring of TB service, initiated by WHO-USAID «Partnership Project». National experts evaluated TB-IC plan implementation. TB workers were provided with recommendations for its further improvement.</p> <p>By next round of monitoring visits (June 2014), execution of all recommendations provided will be supervised by Regional TB IC officer.</p> | Nov 13 Mar 14 Jun 14 | Sep 14 | In process |



Training participants practice in administrative TB-IC measures planning



Practice in respirator fit-testing



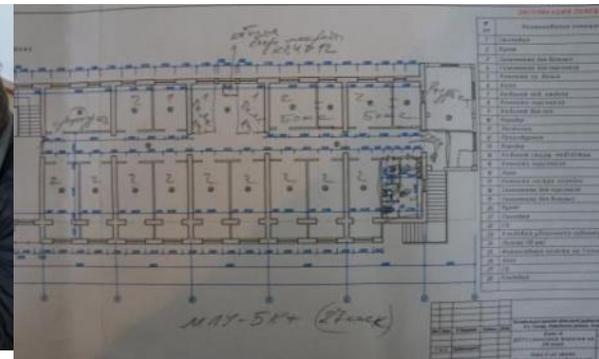
Practical session in measuring airflow in lab



Visit to Kitab TB Hospital for consultants to assess initial construction plans



Discussion on how to implement modern TB-IC measures in hospital buildings during renovation



Sample of construction plan redesigned after consultants' visit



Practical session on biosafety in National Reference TB Lab



Consultant demonstrates how the handheld particles counter should be used



Participants practice measuring ventilation effectiveness

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 | | 4000 | 4000 | N/A | | Data for 2013 and Q12014 is not yet officially available |
| C7 | Number of MDR cases put on treatment | | 3800 | 3800 | N/A | | Data for 2013 and Q12014 is not yet officially available |
| Activity Code (***) | Lead Partner | TB CARE Year 4 Planned Activities | Cumulative Progress as of the Quarter's End | Planned Month | | Status | |
| | | | | Start | End | | |
| 4.1.1. | WHO, KNCV | Development of training modules on comprehensive, programmatic management of DR-TB (utilizing cross cutting content) | National guidelines on DR TB, the basis for training modules, are being finalized. Activity will be performed in April 2014 once the guideline is approved. | Nov 13 | Apr 14 | Planned | |
| 4.1.2. | WHO, KNCV | PMDT assessment visit to new pilot regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Implementation of the MDR-TB program in three new TB CARE I pilots (Kashkadarya, Bukhara and Navoi regions) was assessed. Mission evaluated MDR-TB case finding and treatment strategies, administration and follow-up as well as plan for further capacity building on DR TB case management. Key recommendations were (1) to change the MDR-TB case detection strategy ensuring DST tests for all TB patients who starts TB treatment, (2) use rapid molecular test for patients with high MDR TB risks (all smear positive cases, all retreatment cases, and smear negative having risk of MDR-TB, HIV positive patients, children) and (3) to strengthen supportive supervision from Central level to ensure that PMDT management is accurate (on the spot training component should be included). | Nov 13 | Nov 13 | Completed | |
| 4.1.3. | WHO, KNCV | Advanced trainings on comprehensive programmatic management of DR-TB for new TB CARE I pilot regions (tentatively | Training needs were prioritized based on PMDT assessment conducted in Dec 2013 and Feb 2014. Activity will be organized after approval of | Dec 13 | Feb 14 | Pending | |

| | | | | | | |
|--------|-----------|---|--|----------------------------|--------|---------|
| | | Bukhara, Navoi, Kashkadarya and Khorezm regions) | national guideline on DR TB in APA4 Q2-Q3 | | | |
| 4.1.4. | WHO | Study tour visits for new sites (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) representatives to Karakalpakstan/Tashkent or Samarkand regions organized to learn best practices in PMDT | Re-planned for APA4 Q3 | Jan 14 | Feb 14 | Planned |
| 4.1.5. | WHO | Introduction of the national united order (revised MoH order on TB control) to TB CARE providers and SES in TB CARE pilot sites: APA3 sites (Tashkent and Samarkand regions); new pilots (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions). | Approval of MoH order on TB control is in process. Once it is approved, TB CARE I will organize planned serial trainings. | Dec 13 | Mar 14 | Planned |
| 4.1.6. | WHO | Development of strategy on palliative care | Planned for APA4 Q3, simultaneously with round table on PSS (Act. 1.2.2.) | Jan 14 | Apr 14 | Planned |
| 4.1.7. | WHO, KNCV | Supportive supervision and on-the-job training missions to new TB CARE oblast (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) to support PMDT implementers | Two rounds of supervision visits to new TB CARE I pilot regions were held within quarterly national monitoring of TB service, initiated by WHO-USAID «Partnership Project» in collaboration with MOH. National experts evaluated performance of DR TB program. Visitors found that in some areas treatment initiation takes up to 2 months (instead of recommended 2-7 days). Sputum collection is poorly organized, sputum is being kept and delivered in improper conditions. Introduction of GeneXpert technology in Q2 2014 at regional level will improve access for rapid diagnosis and enrolment to treatment as well as patients' triage as an infection control measure. NTP specialists provided recommendations for further improvement of PMDT in visited areas. | Nov 13 Mar 14 Jun 14 | Sep 14 | Ongoing |

2.6 HSS

| Code | Outcome Indicators and Results | | Actual Year 3 or Baseline Result | Expected End of Year 4 Result | Result to Date | | Comments |
|---------------------|------------------------------------|--|---|-------------------------------|----------------|---------|--|
| 6.2.2 | People trained using TB CARE funds | | 464 | 4506 | 577 (F 245) | | 113 specialists (F=28) were trained in APA4 Q2 |
| Activity Code (***) | Lead Partner | TB CARE Year 4 Planned Activities | Cumulative Progress as of the Quarter's End | Planned Month | | Status | |
| | | | | Start | End | | |
| 6.2.1. | WHO | Participation of partners in international conferences and trainings | Participation of partners in international events is planned for 2014 | Feb 14 | Aug 14 | Planned | |

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 |
|---------------------|---|--|---|--|-------------------|---|
| 7.2.3 | <p><i>The M&E definitions adopted nationwide in accordance with the latest recommendations of the WHO by September 2014</i></p> <p>Numerator: Number of regional TB facilities that register data according to new WHO M&E definitions</p> <p>Denominator: Total number of regional TB facilities</p> | | 0% in June 2013 | 100% (15 out of 15 regional facilities) | Measured annually | M&E specialists from all regions of Uzbekistan were trained on new M&E tools adjusted according to WHO definitions-2013. The purpose of the event was to check whether developed forms are practical for use. M&E tools were improved according to feedback provided by participants. New M&E forms will be applied into routine after approval of new national M&E guideline in Q2 2014. |
| Activity Code (***) | Lead Partner | TB CARE Year 4 Planned Activities | Cumulative Progress as of the Quarter's End | Planned Month | | Status |
| | | | | Start | End | |
| 7.2.1 | WHO, KNCV | National trainings on new WHO M&E definitions for management and M&E departments of TB facilities (central and regional level) | WHO CO, within TB CARE I project, organized training on new WHO definitions in the framework of the national guideline on M&E of TB control in Tashkent for 44 specialists (F=11), responsible for M&E in TB service in regions of Uzbekistan. Participants were informed about all key updates in national M&E system, adjusted according to WHO definitions-2013 and new M&E guideline. | Feb 14 | Mar 14 | Completed |



Group of specialists trained in Samarkand city



Participants are receiving overview on updated M&E recording-reporting forms in Tashkent.



M&E specialists are practicing to compile data for updated TB08 forms

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 |
|--|-----------------|----------------|-----------------------|-------------------------|
| UZH-809-G05-T (In Progress Extension of round 8- TFM) | N/A | N/A | 29,181, 882 | N/A |
| Round 8 UZH-809-G05-T | A2 | N/A | 42,467,977 | 37,893,197 |
| TFM (Round 8 extension until 30 Nov 2015) | | | | |

* Since January 2010

In-country Global Fund Status – Key Updates, Challenges and Bottlenecks

Global Fund PIU plans and implements activities in close collaboration with MOH, but coordination with the National TB Center (the lead organization in TB control) needs to be improved to ensure compliance of national and international efforts on TB control.

Global Fund provides extensive support to the country in procurement of diagnostic tools, first- and second-line drugs, as well as monitoring and evaluation. GF Round 8 ended on November 30, 2013. TFM grant UZH-809-G05-T for \$29.2 million started January 1, 2014, and will continue through November 2015. It is important to highlight, however, that the government should gradually start assuming a portion of the drug costs. A first step in this direction was MOH's approval of the National Action Plan to fight TB/MDR-TB for 2012-2015, where financial institutions of the government have been asked to develop a plan on slowly increasing financing of the M/XDR-TB program. The plan was updated in September 2013.

The NTP started rapid extension of a program in the new oblasts in late 2012, with an ambitious goal to cover the whole of the country with SLD treatment for 5,995 patients through the end of 2013. This represented a five-fold increase from the previous year. This situation is a challenge for the NTP, since the program is not fully capable of handling the number of patients, as well as organizing clinical management of patients from 2013. NTP treatment, quality clinical management of MDR-TB cases and positive outcomes from treatment in new regions needs to be ensured.

That said, GLC/Europe supports the scale-up and the annual enrolment of 4,000 new MDR-TB patients, beginning in 2014, taking into consideration current NTP's TB diagnostic and clinical capacity.

TB CARE I & Global Fund - TB CARE I Involvement in GF Support/Implementation and Effect of GF on the TB CARE I Workplan

WHO country office, under the TB CARE I project, plans and implements its activities in close collaboration with the Global Fund. The WHO CO and GF PIU exchange information about ongoing activities during regular partner meetings.

The key area for cooperation is PMDT, where TB CARE I is planning to complement Global Fund support in the procurement of second line drugs and the introduction of current PMDT guidelines in its pilot regions, to ensure utilization of drugs in compliance with current WHO recommendations.

The main contributions of TB CARE I to the Global Fund-funded TB and MDR-TB treatment program includes technical expertise in the development of policy regulations through technical working groups, support provided by external technical consultants and improvement of MDR-TB detection by introducing Xpert MTB/RIF technology in four pilot regions.

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 | 1,023 | 628 | Official data for 2013 is not yet available. By October 1, 2013, 1958 MDR-TB patients were put on treatment. |
| Total 2011 | 1,385 | 858 | |
| Total 2012 | 1,728 | 1,491 | |
| Jan-Mar 2013 | | | |
| Apr-Jun 2013 | | | |
| Jul-Sep 2013 | | 1958 | |
| Oct-Dec 2013 | | | |
| Total 2013 | Not yet available | Not yet available | |
| Jan-Mar 2013 | Not yet available | Not yet available | |

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 | Gulnara Kaliakbarova | Introduction of the national policy document (attachment to new MOH's order on TB control) on outpatient care at the pilot level (Tashkent and Samarkand regions) | Feb 2014 Mar 2014 | Pending | | Approval of new MOH's order on TB control is in process. Once approved, activity will be organized. |
| 2 | KNCV | 1.2.2 | Gulnara Kaliakbarova | Roundtable on psychosocial aspects of outpatient care in Tashkent and Samarkand regions (combined with Act.1.2.1) | Dec 2013 | Planned for April 2014 | | Planned for APA4 Q2 |
| 3 | KNCV | 1.2.5 | Ieva Leimane | Training for PHC and TB staff on psychological care for Tashkent and Samarkand regions | Jan 2014 | Planned for June 2014 | | |
| 4 | KNCV | 2.3.5 | Sanne van Kampen | Training in Xpert MTB/RIF maintenance and troubleshooting, planning and budgeting | Mar 2014 | Re Planned for July 2014 | | |
| 5 | KNCV | 2.3.6 | Valentina Anisimova | Supportive supervision and monitoring of Xpert MTB /RIF implementation in TB CARE I pilots | Sep 2014 | Re Planned for August 2014 | | |
| 6 | KNCV | 2.3.7 | Aigul Tursynbayeva | Meetings to review progress of Xpert MTB/RIF implementation, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions | Sep 2014 | Completed | Feb 2014 | |
| 7 | KNCV | 2.3.8 | Svetlana Pak | Revision of the national Xpert MTB/RIF strategy | Sep 2014 | Planned | | |
| 8 | | 3.2.1 | Vlad Furman | Assessment visits to evaluate new TB CARE I pilots (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions) for compliance with modern IC standards. | Dec 2013 | Completed | Dec 1-7 | |
| 9 | KNCV | 3.2.2 | Vlad Furman | Comprehensive workshop on TB-IC for healthcare managers and key persons, responsible for IC, including prison in new TB CARE I pilot sites (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm | Dec 2013 | Completed | Feb 2014 | Planned for APA4 Q2 |

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| | | | | regions); travel will be combined with with Act.3.2.1 | | | | |
| 10 | KNCV | 3.2.4 | Vlad Furman | Training on use of IC measurement equipment in Bukhara, Navoi, Kashkadarya and Khorezm regions | Mar 2013 | Completed | Feb 2014 | |
| 11 | KNCV | 3.2.5 | Vlad Furman | TB-IC plans development in TB facilities of new TB CARE pilots, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions; travel will be combined with Act.3.2.1 | Dec 2013 | Completed | Dec 1-7 | TB IC plans were introduced. Development and finalization of plans were made in Sep 2014 |
| 12 | KNCV | 3.2.6 | Vlad Furman | Supervision and monitoring of TB-IC plans implementation in TB facilities in TB CARE I pilot regions of Tashkent and Samarkand, and new pilots (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Mar 2014 Jun 2014 | In process 2 nd visit is planned for June 2014 | Feb 2014 | |
| 13 | KNCV | 4.1.1 | Maria Idrissova | Development of training modules on comprehensive, programmatic management of DR TB (utilizing cross cutting content) | Jan 2013 | Re-planned for April 2014 | | |
| 14 | KNCV | 4.1.2 | Tatyana Toichkina | PMDT assessment visit to new pilot regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Nov 2013 Dec 2013 | Reprogramed | | Funds for consultant's visit were reprogrammed |
| 15 | KNCV | 4.1.3 | Tatyana Toichkina | Advanced training on comprehensive programmatic management of DR TB for new TB CARE I pilot regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions); travel will be combined with with Act.4.1.2 | Mar 2014 | Re-planned for July 2014 | | |
| 16 | KNCV | 4.1.7 | Tatyana Toichkina | Supportive supervision and on-the-job training missions to new TB CARE oblast (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) to support PMDT implementers | June 2014 | Planned | | |
| 17 | KNCV | 7.2.1 | Aigul Tursynbaeva | National trainings on new WHO M&E definitions for management and M&E departments of TB facilities (central and regional | Feb 2014 | Completed | Mar 2014 | |

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| | | | | level) | | | | |
| 18 | WHO | 1.2.1 | WHO staff Martin van den Boom or Pierpaolo de Colombani | Introduction of the national policy document (attachment to new MOH's order on TB control) on outpatient care at the pilot level (Tashkent and Samarkand regions) | Feb 2014 Mar 2014 | Re planned for June 2014 | | |
| 19 | WHO | 1.2.2 | WHO staff Martin van den Boom or Pierpaolo de Colombani | Roundtable on psychosocial aspects of outpatient care in Tashkent and Samarkand regions (combined with Act.1.2.1) | Dec 2013 | Re planned for April 2014 | | |
| 20 | WHO | 1.2.4 | External WHO consultant, TBD | Extensive training for medical and non-medical psychologists on psychological aspects of care for TB patients | Dec 2013 | Re planned for May 2014 | | |
| 21 | WHO | 2.3.3 | WHO staff Kristin Kremer | Refresher trainings on clinical aspects of Xpert MTB/RIF for clinicians of TB and PHC services in Samarkand and Tashkent regions (APA3 sites) | Feb 2014 | Re planned for July 2014 | | |
| 22 | WHO | 2.3.6 | WHO staff Kristin Kremer | Supportive supervision and monitoring of Xpert MTB /RIF implementation in TB CARE I pilots | Mar 2014 | Planned for May 2014 | | |
| 23 | WHO | 2.3.7 | WHO staff Kristin Kremer | Meetings to review progress of Xpert MTB/RIF implementation, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions. | Mar 2014 | Re-planned for Aug 2014 | | |
| 24 | WHO | 3.1.1 | WHO consultant Grigory Volchenkov | Introduction of national SES regulatory TB-IC documents | Feb 2013 | Completed | Feb 2014 | |
| 25 | WHO | 3.2.1 | WHO consultant Nestan Tukvadze | Assessment visits to evaluate new TB CARE I pilots (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions) for compliance with modern IC standards | Dec 2013 | Completed | Feb 2014 | |
| 26 | WHO | 3.2.2 | WHO consultant Nestan Tukvadze | Comprehensive workshop on TB-IC for healthcare managers and key persons, responsible for IC, including prison in new TB CARE I | Nov 2013 | Completed | Feb 2014 | |

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|---|-----|-------|--|--|----------------------|--------------------------|------------|---|
| | | | | pilot sites (tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions); travel will be combined with with Act.3.2.1 | | | | |
| 27 | WHO | 3.2.5 | WHO consultant Nestan Tukvadze | TB-IC plans development in TB facilities of new TB CARE pilots, tentatively in Bukhara, Navoi, Kashkadarya and Khorezm regions; travel will be combined with with Act.3.2.1 | Nov 2013 | Completed | Feb 2014 | |
| 28 | WHO | 4.1.2 | WHO staff Masoud Dara or Martin van den Boom | PMDT assessment visit to new pilot regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) | Nov 2013 Dec 2013 | Completed | 7-14 Dec | Dr. Vaira Leimane replaced initially planned consultant |
| 29 | WHO | 4.1.3 | WHO staff Masoud Dara or Martin van den Boom | Advanced training on comprehensive programmatic management of DR TB for new TB CARE I pilot regions (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions); travel will be combined with with Act.4.1.2 | Nov 2013 Dec 2013 | Re-planned for June 2014 | | |
| 30 | WHO | 4.1.7 | WHO staff Masoud Dara or Martin van den Boom | Supportive supervision and on-the-job training missions to new TB CARE oblast (tentatively Bukhara, Navoi, Kashkadarya and Khorezm regions) to support PMDT implementers | Mar 2014 | Re-planned for May 2014 | | |
| 31 | WHO | 7.2.1 | WHO staff Andrei Dadu | National trainings on new WHO M&E definitions for management and M&E departments of TB facilities (central and regional level) | Feb 2014 | Completed | March 2014 | Dr Inna Motrich was replaced A.Dadu for this mission |
| Total number of visits conducted (cumulative for fiscal year) | | | | | | 13 | | |
| Total number of visits planned in workplan | | | | | | 31 | | |
| Percent of planned international consultant visits conducted | | | | | | 41.9% | | |