

**Support to Implement the National TB Programme in  
Partnership with Save the Children International (SCI)  
and collaboration with National TB Centre (NTC)**

***Bagmati Province***

## **Monthly Narrative Report**

**September 2021(Q3M3)**

**Submitted By:  
Japan-Nepal Health & TB Research Association  
(JANTRA), Kathmandu Office**

**September 2021**

## Introduction

The National Tuberculosis Program has played an outstanding role in controlling tuberculosis (TB) which still remains as one of the major public health problem in Nepal with huge socio-economic impact to the country. Considering this fact, the government of Nepal has recognized the National Tuberculosis Program as priority one health programs in Nepal.

However, with new challenge from halting and reversing the disease to Ending TB, there is still a lot to be done. It is estimated that nearly 10,000 cases are still being missed by the program every year is a major concern requiring focused and tailored interventions. National TB support program is developed with the objective of supporting National TB program in achieving its goal of End TB strategy.

Save the Children International (SCI), National Tuberculosis Control Centre (NTCC) and Japan-Nepal Health and Tuberculosis Research Association (JANTRA) works collaboratively to carry out the National Tuberculosis Programme and to facilitate the delivery of services to the beneficiaries in Bagmati (Kathmandu, Lalitpur, Bhaktapur, Kavre, Makwanpur, Chitwan and Dhading) and Gandaki Province (Kaski, Syangja, Nawalpur and Tanahun) districts of Nepal in close coordination with Ministry of Social Development, Provincial Directorate of Health, Health Office and Palikas. JANTRA has been implementing the programme activities according to plan of Bagmati and Gandaki Province.

JANTRA is a non-profitable, public service oriented and non-government organization with mission to franchise to end TB, promote health and prevent from public health problems through the application of evidence based public health practices, quality health services and research in Nepal and has been active member of National Tuberculosis control program.

## Activities details

During the month of September 2021, following activities were planned for the implementation.

### Activities

Major focused intervention for this month

- Sputum Transportation at Hard to Reach Areas
- Mandatory contact tracing to Family members of DS TB (all PBC and Child TB)
- TB screening in malnourished children in Health facility
- TB screening in malnourished children in major hospitals
- Screening and testing of all DR TB suspects (all PBC and PCD, presumptive retreatment TB and sputum non converter)
- Screening and testing of Family members of DR TB Cases
- TB Case Notification from Private Sector (Pay for Performance)
- FAST strategy
- TB case finding from referral of Pharmacy
- ACF in Prison Population
- Initiation of TBPT;
- Private Public Mix (PPM); Referral from pharmacies

### Progress

- Regular communication and coordination with health workers of health facilities and all staffs of JANTRA engaged in this project
- Dispatch of essential materials like falcon tube, paraffin tape, disposable gloves, masks etc. in all working districts
- Dispatch reporting tools at all districts

## Major achievement

- The major activities are
  - Orientation on Implementation of National Tuberculosis Program to Outreach Worker, Fast, PPM and Defaulter of Kathmandu, Lalitpur, Kavre and Bhaktapur district
  - Organize meeting with hospital administration for the implementation of FAST strategy and childhood TB management.
  - Orientation on HMIS and NTPMIS to DPC/Os
  - Orientation on NTPMIS to ORWs of Lalitpur district.
  - Orientation to Pharmacist and Doctors
  - Participated in SR Review meeting
  - Participated in National TB Review meeting
- Coordination with NCDA, NTCC, Province office, local governments (Palikas, District, etc.) and SCI for the support and collaboration in the above activities.

## Issues/Challenges and Way Forward

Issues/Challenges	Way Forward
<ul style="list-style-type: none"><li>• The COVID-19 pandemic situation has hampered the implementation of all the strategic inventions at community as well as health facilities level.</li><li>• The OPD flow in the health facilities are very low, resulting in less number of presumptive TB cases</li><li>• Due to the similar sign and symptoms health workers are afraid to deal with presumptive TB patients.</li><li>• The modification in implementation guidelines, including the budget details, has created confusion among the staffs</li></ul>	<ul style="list-style-type: none"><li>• We will ensure the safety measures are taken during the implementation of the activities at the community level and will regularly communicate with the health facilities, local leaders, volunteers about the situation, including the presumptive TB patients, sputum transportation, follow up contact tracing and treatment outcomes.</li><li>• We will follow the catch up plan to meet the targets of the respective districts.</li><li>• Onsite orientation of all the staffs</li></ul>

SN	Activity Description	Indicator	Unit of Measurement	Bagmati													
				Bhaktapur		Chitwan		Dhading		Kathman du		Kavre		Lalitpur		Makwanpur	
				Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement	Target	Achievement
Sputum Transportation at Hard to Reach Areas:																	
1	Sputum transportation and courier	Number of DOTS Center linked in courier system	No. of DOTS center						45		0		80		0		
		Number of DOTS Center sending sputum during the reporting period	No. of DOTS center		12		11		45		16		80		0		26
		No of Presumptive TB cases	No. of presumptive TB cases sputum sample transported		88		42		114		58		136		94		153
		No. of sputum examined at microscopy center	No. of Sputum examined		176		84		228		116		272		188		306
		Number of TB cases diagnosed	No. of TB cases		18		9		9		10		5		5		21
		Number of TB diagnosed cases enrolled in treatment	No. of TB cases		18		9		9		10		5		5		21
2	Mandatory contact tracing to Family members of DS TB (all	Number of household of index PBC and Child TB cases visited	No. of visits		17		19		17		57		5		23		28
		Number of family members screened for TB	No. of Family members		70		58		62		137		21		105		110

PBC and Child TB)	Number of family members identified as presumptive TB and sputum collected for sputum Examination	No. of presumptive TB cases	70	18	38	94	21	23	59
	No. of sputum examined at GX or microscopy Center	No. of presumptive TB cases	0	18	38	94	21	23	59
	No. of DS TB cases diagnosed by GX or sputum microscopy	No. of TB cases	1	1	0	7	0	0	0
	Number of DS TB cases enrolled in treatment	No. of TB cases	1	1	0	7	0	0	0
	No. of RR-MTB cases detected	No. of RR-MTB cases	0	0	0	0	0	0	0
	No. of RR-MTB cases enrolled in treatment	No. of RR-MTB cases	0	0	0	0	0	0	0
3	TB screening in malnourished children in Health facility	Number HF linked for screening of malnourished/ARI child cases	No. of HF	0	0		0	0	0
		Number HF referring malnourished/ARI child cases for diagnosis during the reporting period	No. of HF	0	0		0	0	0
		Number of presumptive child TB cases referred to Hospital for diagnosis	No. of presumptive child TB cases	0	0		0	0	0
		Number of child TB cases <b>clinically diagnosed</b>	No. of child TB cases (PCD+EP)	0	0		0	0	0

		Number of <b>bacteriologically confirmed</b> childhood TB cases	No. of child TB cases (PBC)	0	0	0			0	0	0				
		Number of Child TB diagnosed cases enrolled in treatment	No. of child TB cases	0	0	0			0	0	0				
4	TB screening in malnourished children in major hospitals	Number Hospital linked for childhood TB diagnosis and management center.	No. of hospitals	1					0	0	0			0	
		Number of hospitals submitted the reports during the period.	No. of hospitals	1		1			0	1	0			0	
		Number of children identified as presumptive TB examined for TB	No. of presumptive child TB cases	24		11			0		40			93	0
		Number of child TB cases <b>clinically diagnosed</b>	No. of child TB cases (PCD+EP)	0		0			0		2			1	0
		Number of <b>bacteriologically confirmed</b> childhood TB cases	No. of child TB cases (PBC)	1		0			0		3			0	0
		Number of Child TB diagnosed cases enrolled in treatment	No. of child TB cases	1		1			0		5			0	1
5	Screening and testing of all DR TB suspects (all PBC and PCD, presumptive	Number of DOTS and MC Center linked in courier system	No. of DOTS and MC Centers	0		0			0			0	0	0	
		Number of DOTS and MC Center Sending Sputum during the reporting period	No. of DOTS and MC Centers	3		6			0		6		0	0	0

	retreatment RB and sputum non converter)	No. of sputum samples of presumptive DR TB cases examined by GX	No. of sputum sample	5		8		0		15		0		11		14
		No. of Rifampicin Resistant TB (RR-MTB) cases detected	No. of RR-MTB cases	0		1		0		1		0		0		1
		No. of RR MTB TB cases enrolled in treatment	No. of RR-MTB cases	0		1		0		1		0		0		1
6	Screening and testing of Family members of DR TB Cases.	Number of household of Index DR TB cases visited	No. of households	0		5		0		1		0		1		1
		Number of family members screened for TB	No. of Family members	0		18		0		1		0		5		4
		Number of family members identified as presumptive TB and collected sputum for examination	No. of screening	0		4		0		0		0		2		4
		No. of sputum examined at GX	No. of samples	0		4		0		0		0		2		4
		No. of RR MTB TB cases detected	No. of TB cases	0		0		0		0		0		0		0
		No. of RR-MTB cases enrolled in treatment	No. of TB cases	0		0		0		0		0		0		0
7	TB Case Notification from Private Sector (Pay for Performance)	No. of private practitioners (doctors) engaged in the Pay for Performance approach	No. of doctors							0		0		0		
		No. of doctors notifying TB during the reporting period	No. of doctors			4				0		0		0		
		Number of TB cases notified in eTB-Private Practitioner (online notification)	No. of cases			8				0		0		0		



		Number of TB cases reported as hold by doctors in eTB-Private Practitioner (online reporting system)	No. of cases				0				0		0		0		
		Number of TB cases diagnosed among cases referred by pharmacies	No. of TB cases				0				0		0		0		
		Number of presumptive TB cases identified among patients reached by themselves	No. of presumptive TB cases				0				0		0		0		
		Number of TB cases diagnosed among patients reached to doctors by themselves	No. of TB cases				0				0		0		0		
		Number of referred TB Cases enrolled in treatment in other health facilities	No. of TB cases				0				0		0		0		
8	FAST	Number of Hospitals linked for FAST Strategy	No. of hospitals								0		0		0		
		Number of Presumptive TB cases identified in the screening	No. of presumptive cases				53				786		66		287		
		Number of presumptive TB cases examined for TB diagnosis	No. of presumptive cases examined				53				460		27		266		

		Number of <b>bacteriologically confirmed</b> TB cases with Sputum Microscopy, Gene-xpert or Culture	No. of PBC TB cases				14				61		4		29		
		Number of TB cases <b>clinically diagnosed</b>	No. of PCD and EP TB cases				0				8		0		8		
		No. of TB cases enrolled in treatment	No. of TB cases				14				69		4		37		
9	TB case finding from referral of Pharmacy	No. of Pharmacy linked in TB screening and referral mechanism	No. of pharmacies								0				0		
		No. of Pharmacy screening and referring TB cases during the reporting period	No. of pharmacies				13				30				0		
		No. of patients screened for TB	No. of presumptive TB cases				69				172				38		
		No. of presumptive TB cases identified among screening	No. of presumptive TB cases				58				172				38		
		No. of referred presumptive TB cases reached to doctors or hospitals for diagnosis	No. of presumptive TB cases				52				165				38		
		No. of presumptive TB cases tested for TB	No. of presumptive TB cases				52				165				38		

		No. of TB cases diagnosed	No. of TB cases				19				16				0		
		No. of TB cases enrolled in treatment	No. of TB cases				19				16				0		
10	ACF in Prison Population	No. of prison covered	No. of Prison				0		0		0				0		0
		No. of prison inmate screened	No. of persons				0		0		0				0		0
		No. of presumptive TB cases detected	No. of Presumptive TB cases				0		0		0				0		0
		No. of presumptive TB cases tested in GX	No. of sputum samples				0		0		0				0		0
		No. of TB cases diagnosed	No. of sputum samples				0		0		0				0		0
		No. of TB cases enrolled in treatment	No. of persons				0		0		0				0		0
11	Initiation of Isoniazid Preventive Therapy (TPT)	No. of children (<5 years of age) identified in household contact tracing of index TB cases	No. of Children		0		0		4		1		0		5		9
		Number of children (<5 years of age) eligible for TPT	No. of Children		0		0		4		1		2		3		9
		No. of children (<5 years of age) enrolled under TPT	No. of Children		0		0		3		1		2		3		9
		No. of children completed TPT course	No. of Children		0		0		0		0		0		0		0

		No. of children discontinued TPT	No. of Children		0		0		0		0		0		0
12	ACF in slums/IDPs	Total number of households in the screening sites	No. of households						0		0		0		0
		Total number of households visited	No. of household visits						0		0		0		0
		Total number of family members screened for TB	No. of family members						0		0		0		0
		Total number of presumptive TB cases identified in the screening	No. of Presumptive TB cases						0		0		0		0
		Total number of sputum samples collected	No. of sputum samples						0		0		0		0
		Total number of sputum samples examined at GX	No. of sputum samples						0		0		0		0
		Total number of MTB cases detected from GX	No. of MTB cases				0		0		0		0		0
		Total number of RR/MDR TB detected from GX	No. of RR/MDR TB cases				0		0		0		0		0
		Total number of MTB cases enrolled in treatment	No. of MTB cases				0		0		0		0		0
		Total number of RR/MDR TB cases enrolled in DR-TB treatment	No. of RR/MDR TB cases				0		0		0		0		0

