

Annex 1: health education (PRECEDE-PROCEED) model						
M1	1-2	Knowledge on TB patient centered approaches. (10-15 minutes)	Activity 1.1. Improve knowledge about TB; process of treatment, compliance behaviors(drug taking, follow up, health care, minor side effects, sleeping, exercise)	Conducted by research team and TB clinic staff	Performed by research team, health workers and health volunteers.	Training will be done before implementation of the program.
	3-4	(10-15 minutes)	Activity 1.2.Home visiting program (getting cured by having good compliance behavior)	Research team and TB clinic staff.	Research team, health workers and community health volunteers.	Training will be done before implementation of the program.
M2	5-6	(10-15 minutes)	Activity2.1.Motivation and moral support for patients compliance, conversation regarding the current signs and symptoms, drug taking, appointment keeping, problem solving, how to take drugs and exterminate the bacteria.	Research team and TB Clinic staff.	Research team, health workers and community health volunteers.	Training will be done before implementation of the program.
	7-8	(10-15 minutes)	Activity 2.2.Home visiting program (stop TB spreading out and cutting TB transmission by regularly taking anti- TB medicine)	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.

M3	9-10	PRE: Predisposing , reinforcing and enabling factors. (10-15 minutes)	Activity3.1.Convers ation and discussion about treatment process, patients opinion about provider relationship, family members and close friends and others. Provision of more information on TB standard of treatment and care, service system and duration of the treatment.	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.
	10-12	(10-15 minutes)	Activity3.2: Home visiting program (getting better by having good food (Nutrition), good exercise, good environment.)	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.
M4	13- 14	Patient volunteer peer support. (10-15 minutes)	Activity 4.1: discussions regarding the past experiences, lessons learned during treatment process (3 months ago) and how to cope with and manage for the next 2-3 months.	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.
	15- 16	(10-15 minutes)	Activity 4.2:Home visiting program (promoting TB prevention and control in the patient's households(case contact, early case detection, access to care)	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.
M5	17- 18	Health services provide and TB patient empowermen t (10-15 minutes)	Activity 5.1: sharing experiences and demonstrations of sputum results, treatment outcomes from month 1 to month 4 or 5, volumes of medicine and drug	Research team and TB Clinic staff.	Research team health workers and community health volunteers.	Training will be done before implementation of the program.

			tablets, how to continue with the drugs until the bacteria is exterminated.			
	19-20	(10-15 minutes)	Activity 5.2: home visiting program (social support, moral support, friendly, warmly, sympathetically approach to the patient)	Research team and TB Clinic staff.	Research team, health workers and community health volunteers.	Training will be done before implementation of the program.
M6	21-22	Patient health education program. (10-15 minutes)	Activity 6.1: Moral support and empowerment in order to complete the treatment program (informing to keep taking TB drugs regularly until end of the month 6 or discharge)	Research team and TB Clinic staff.	Research team, health workers and community health volunteers.	Training will be done before implementation of the program.
	23-24	(10-15 minutes)	Activity 6.2: Home visiting program (good hygiene, good health, good quality of life, inappropriate lifestyle and environment) Evaluation of the patients compliance and treatment outcomes.	Research team and TB Clinic staff.	Research team, health workers and community health volunteers.	Training will be done before implementation of the program.