Tool to Estimate Patients' Costs

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Indicators to be measured with questionnaire

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Please refer to the guidelines on interpretation to see which questions cover each indicator. We recommend to analyze for the <u>median and mean</u> (if applicable).

1.   Direct costs to patient before and during diagnosis
- Direct costs before and during TB diagnosis
- The type of provider that was consulted before the patient reached the public facility

2.   Patient and Health System Delays
- Patient delay (time gap between onset of symptoms and first visit at public clinic)
- Diagnostic delay (time gap between onset of symptoms and diagnosis by the NTP)
- Health system delay (doctor delay and treatment delay)
- Total delay (patient + health system)
- The type of provider consulted before patient reached public facility
- Health-seeking behavior of patient

3.   Indirect costs before & during diagnosis
- Indirect costs before and during TB diagnosis

4.   Direct costs of patients during treatment
- Direct costs during TB treatment
- Total direct costs due to TB
- Costs of hospitalization for TB patient

5.   Indirect costs during treatment
- Indirect costs during TB treatment

6.   Total costs of TB patients
- Total direct costs of TB patients (pre-diagnostic, diagnostic, treatment)
- Total indirect costs of TB patients (pre-diagnostic, diagnostic, treatment)
- Total costs of TB patients (indirect + direct before diagnosis, during diagnosis, during treatment)
- Cost of TB including pain and suffering (willingness to pay)

7.   Productivity
- % reduction of productivity due to TB

8.   Coping costs
- % of patients who take out loan
- Costs due to interest on loan
- % of patients who sell assets
- Type of assets sold
- % reduction of household income spent on food due to TB
- Extent of reduction in food consumption
- % of patients whose children miss school to help finance costs due to TB

9.   Guardian costs
- Direct costs of guardians
- Indirect costs of guardians
- Total costs of guardians

10. Additional healthcare costs (including HIV)
- Additional costs due to other diseases

11. Willingness and ability to pay
- Cost of TB including pain and suffering

12. Income and affordability of TB and healthcare
- % of household income spent on food
- % of household income spent on TB (pre-diagnostic and diagnostic costs)
- % of household income spent on TB treatment
- % of household income spent on TB (prediagnostic, diagnostic, treatment)

- % of per capita income spent on TB pre-diagnostic and diagnostic costs
- % of per capita income spent on TB treatment
- % of per capita income spent on TB (pre-diagnostic, diagnostic, treatment)

- % of household income contributed by TB patient
- % reduction of household income due to TB illness of household member
- % reduction of personal income due to TB

13. Health Insurance
- % of patients covered by any kind of health insurance
- % of costs due to TB reimbursed by health insurance

14. Gender / social costs of TB
- % of women who cannot seek care by themselves
- % of women who are financially independent
- % of TB patients whose private or social life was affected by TB
- Type of effect on private or social life
- % of patients where daughters don't attend school regularly due to TB case in family
- % of patients where daughters replaced work due to TB case in family
- Difference in direct costs between men and women
- Difference in indirect costs between men and women
- Difference in patient delays between men and women
- Difference in health system delays between men and women
- Difference in reduction of productivity due to TB between men and women
- Difference in reduction of personal income due to TB between men and women

15. Socioeconomic questions
- % of literate and illiterate patients
- Educational level of patients, head of household, spouse of head of household, primary income earner
- Type of Occupation of patients
- Type of employment status of patients
- Level of impoverishment of household
- % of patients belonging to lowest income quartile/quintile of country
- % of patients belonging to poorest socioeconomic group
- % of patients belonging to minority (tribe/ethnic group/religion)