

Supplemental table 1. Baseline characteristics of participants in TBTC Studies 22, 23, 27, and 28 included in the present analysis.

<b>Characteristic</b>	<b>Study 22</b> n=1075	<b>Study 23</b> n=181	<b>Study 27</b> n=322	<b>Study 28</b> n=420
Age, years, median (IQR)	43 (33,53)	40 (34, 46)	32 (24, 42)	31 (25, 40)
Female, n (%)	265 (25)	36 (21)	110 (34)	119 (28)
Race/ethnicity				
Hispanic, n (%)	263 (24)	57 (34)	50 (15)	74 (18)
White, non-Hispanic, n (%)	184 (17)	19 (11)	19 (6)	27 (6)
Black, non-Hispanic, n (%)	452 (42)	84 (50)	222 (69)	274 (65)
Other non-Hispanic, n (%)	176 (16)	9 (5)	31 (10)	45 (11)
Born outside USA or Canada, n (%)	379 (35)	69 (41)	264 (82)	374 (89)
Enrollment at an African site, n (%)	not applicable	not applicable	187 (58)	241 (57)
Weight, kg, median (IQR)	59 (52, 68)	63 (56, 72)	55 (49, 62)	56 (50, 62)
Underweight, n (%)	330 (31)	not recorded	133 (41)	192 (46)
BMI, kg/m <sup>2</sup> , median (IQR)	not recorded	21 (20, 24)	20 (18, 22)	20 (18, 22)
BMI < 18.5 kg/m <sup>2</sup> , n (%)	not recorded	20 (11)	100 (31)	142 (34)
Less than high school education, n (%)	582 (55)	87 (51)	211 (66)	296 (70)
Homeless, n (%)	211 (20)	45 (27)	17 (5)	15 (4)
Elicit drug use, n (%)	247 (23)	17 (10)	25 (8)	38 (9)
Alcohol use, n (%)	478 (45)	57 (34)	35 (11)	54 (13)
Cigarette use, n (%)	not recorded	not recorded	141 (44)	169 (40)
Previous TB treatment, n (%)	81 (8)	5 (3)	13 (4)	10 (2)
Extrapulmonary TB, n (%)	53 (5)	76 (45)	13 (4)	36 (9)
Cavities on chest radiograph, n (%)	477 (47)	18 (10)	229 (71)	308 (73)
Bilateral lung involvement, n (%)	541 (51)	94 (57)	190 (59)	234 (56)
Hemoglobin, g/dL, median (IQR)	12.4 (11.0, 13.8)	11.4 (10.4, 12.7)	11.4 (9.7, 13.2)	12.2 (10.6, 13.5)
HIV-positive, n (%)	71 (7)	169 (100)	72 (22)	45 (11)
CD4 cell count/ $\mu$ L, median (IQR)	not recorded	90 (35, 175)	196 (74, 312)	197 (103, 333)

Supplemental table 2. Questionnaire items used to summarize baseline participant characteristics in TBTC Studies 22, 23, 27, and 28.

Characteristic	Study 22	Study 23	Study 27	Study 28
Age, years	Date of birth	Date of Birth	Date of Birth	Date of Birth
Female	Gender	Patient Gender	Patient Gender	Patient Gender
Race/ethnicity	Race/Ethnic Origin	Race, Ethnic Origin	Ethnic Origin, Race	Ethnic Origin, Race
Born outside USA or Canada	Place of birth	Place of birth	Place of birth	Place of birth
Weight, kg	Person's weight	Person's weight	Patient's weight	Patient's weight
BMI, kg/m <sup>2</sup>	[not recorded]	[not recorded]	Patient's weight, Patient's height	Patient's weight, Patient's height
Less than high school education	Education: (Select highest year completed), Eighth grade or less, More than eighth grade but less than twelfth grade	Education: (Select highest year completed), Eighth grade or less, More than eighth grade but less than twelfth grade	Education: (Select highest year completed), Eighth grade or less, More than eighth grade but less than twelfth grade	Education: (Select highest year completed), Eighth grade or less, More than eighth grade but less than twelfth grade
Homeless	During the 5 years prior to the current episode of TB, does the patient report a history of being homeless or living in a shelter or SRO hotel for > 6 months	Does the patient have a history of being homeless or living in a shelter or SRO hotel within the past year?	homeless within past year	homeless within past year
Drug use	During the 5 years prior to the current episode of TB, does the patient report a history of using illicit drugs	Does the patient have a history of using illicit injecting or non-injecting drugs within the past year? Ever?	injecting drug use within past year, non-injecting drug use within past year	injecting drug use within past year, non-injecting drug use within past year
Alcohol use	During the 5 years prior to the current episode of TB, does the patient report a history of using alcohol (> 1 drink per day)	Does the patient have a history of using excess alcohol within the past year?	excess alcohol use within past year	excess alcohol use within past year

<b>Characteristic</b>	<b>Study 22</b>	<b>Study 23</b>	<b>Study 27</b>	<b>Study 28</b>
Cigarette use	[not recorded]	[not recorded]	History of cigarette smoking	History of cigarette smoking
Previous TB treatment	Was the patient ever treated for active TB prior to this episode	Was the patient ever treated for active TB prior to this episode	Was the patient ever treated for active TB prior to this episode	Was the patient ever treated for active TB prior to this episode
Extrapulmonary TB	Pulmonary and extrapulmonary tuberculosis	Clinical extrapulmonary tuberculosis, both	If both clinical pulmonary and extrapulmonary tuberculosis specify anatomic code for extrapulmonary sites only	If both clinical pulmonary and extrapulmonary tuberculosis specify anatomic code for extrapulmonary sites only
Cavities on chest radiograph	Chest x-ray findings, cavities	Chest x-ray findings, cavities (left or right lung)	Chest x-ray findings, cavities (left or right lung)	Chest x-ray findings, cavities (left or right lung)
Bilateral lung involvement	Chest x-ray findings, bilateral disease	Chest x-ray findings, infiltrates or cavities (left and right lung)	Chest x-ray findings, infiltrates or cavities (left and right lung)	Chest x-ray findings, infiltrates or cavities (left and right lung)
Hemoglobin, g/dL	Hemoglobin	Hemoglobin	Hemoglobin	Hemoglobin
HIV-positive	Results of HIV test	Date of positive HIV test	HIV test status	HIV test status
CD4 cell count/ $\mu$ L	[not recorded]	CD4 cells/ $\text{mm}^3$	CD4 cells/ $\text{mm}^3$	CD4 cells/ $\text{mm}^3$