

Table S1. Baseline characteristics of patients included in the study.

#	Sex	Age	Group of patients ¹				TB duration	Forms of lung TB pathology	Mtb in the sputum ²	Mtb drug resistance ³	TB extent ⁴		Lung destruction ⁵			Responsiveness to TB treatment ⁶				
			Main	Validation	Dynamic studies	Surgery					Affected areas of the lung	Scores	Numbers of destructive foci (size, cm)	Scores	Hematology test scores	Clinical TB severity scores	Infiltration (X-ray)	Destruction (X-ray)	Hematology test	Clinical TB severity
1	f	20	+				Recent	TB infiltrate	-	ND	UR: S ₁ ,S ₂	1	multiple, small	2	0	0	+	N	N	N
2	m	27	+				Recent	TB infiltrate	+	MDR	UL: S _{1,2}	1	one small	1	1	1	++	++	++	++
3	m	25	+				Recent	Cavitary TB	-	ND	UR: S ₃	1	one small	1	0	0	++	++	N	N
4	f	41	+				Recent	TB infiltrate	++	DR	UR: S ₃ ; LR: S ₆	1	none	0	2	2	+	N	++	+
5	f	25	+				Recent	Cavitary TB	-	ND	LR: S ₆	1	multiple (2.0 x 4.0)	3	1	2	+	+	++	++
6	f	30	+				Recent	TB infiltrate	-	ND	UR: S ₁ ,S ₂	1	none	0	1	0	++	N	++	N
7	f	37	+				Recent	TB infiltrate	+	s	UR, LR, LL	3	one (2.2 x 1.4)	2	2	0	+	+	+	N
8	f	28	+				Recent	TB infiltrate	-	s*	LR: S ₁₀ ; MR: S ₅	1	none	0	1	1	+	N	++	++
9	m	20	+				Recent	TB infiltrate	+	s	LR: S ₇ , S ₈ , S ₉ ; LL: S ₆	2	two small	2	2	2	++	+	++	++
10	m	40	+				Recent	TB infiltrate	+++	MDR	UR	2	none	0	3	1	+	N	0	++
11	f	23	+				Recent	Tuberculoma	++	s	UR: S ₁ ,S ₂ ; LR: S ₆ ; LL: S ₆	2	two small	2	0	2	+	+	N	++
12	f	25	+				Recent	TB infiltrate	+	MDR	LR: S ₆	1	none	0	0	1	+	N	N	++
13	m	40	+				Chronic	Tuberculoma	+++	MDR	UL: UR	2	none	0	0	0	+	N	N	N
14	f	40	+				Recent	Cavitary TB	+	MDR	UL: S _{1,2} ,S ₃	1	two small	2	2	1	+	+	0	0
15	f	31	+				Chronic	TB infiltrate	+	MDR	LL	2	none	0	1	0	+	N	++	N
16	f	32	+				Recent	TB infiltrate	+	s	UL: S _{1,2}	1	one small	1	0	0	+	++	N	N
17	m	27	+				Recent	Tuberculoma	+	s	UR: S ₁ ,S ₂ ; MR; LL	2	multiple, small	2	1	0	+	0	++	N
18	f	27	+				Chronic	Caseous pn.	+++	XDR	both lungs	4	multiple, system (9.0 x 7.0)	3	3	3	0	0	0	0
19	f	22	+				Recent	TB infiltrate	+	s	UL: S _{1,2} ; LL: S ₆	1	multiple small	2	0	0	+	+	N	N
20	f	57	+				Recent	TB infiltrate	+	s	UR: S ₁ ,S ₂ ; UL: S _{1,2} ; LL: S ₆	2	none	0	1	0	+	N	0	N
21	f	39	+				Recent	TB infiltrate	+	s	UR: S ₁ ,S ₂ ; LR: S ₆	1	one small	1	3	1	+	N	++	++
22	m	27	+				Chronic	Cavitary TB	+	MDR	both lungs	4	multiple (4.7 x 2.8)	3	1	1	0	+	0	++
23	m	18	+				Recent	TB infiltrate	-	N/A	UL: S _{1,2}	1	none	0	0	0	++	N	N	N
24	f	53	+				Chronic	TB infiltrate	+	MDR	UL; UR	2	none	0	1	0	0	N	0	N
25	f	28	+				Recent	TB infiltrate	+	MDR	UR: S ₁ ,S ₂	1	none	0	0	0	+	N	N	N
26	f	30	+				Recent	Tuberculoma	-	ND	UR	2	none	0	0	0	+	N	N	N
27	m	33	+				Recent	TB infiltrate	+	s	UR: S ₂	1	none	0	3	1	+	N	+	++
28	f	33	+				Recent	TB infiltrate	+	MDR	UL: S _{1,2}	1	one small	1	1	0	+	N	++	N
29	m	60	+				Recent	Tuberculoma	+	s	UL: S ₃	1	none	0	0	0	+	N	N	N
30	f	43	+				Recent	TB infiltrate	+++	MDR	UL: S _{1,2} ,S ₄ ,S ₅ ; UR: S ₂	2	multiple (3.5 x 2.0)	3	2	1	+	0	+	0
31	f	30	+				Recent	TB infiltrate	+++	s	UR; UL: S ₄ ; LL: S ₁₀	3	one small	1	0	1	+	0	N	++
32	m	25	+				Recent	Caseous pn.	+	s	left lung	4	multiple, system	3	3	3	0	0	+	+
33	f	33	+				Chronic	Cavitary TB	+	MDR	UR; UL	2	multiple, system	3	2	3	+	0	+	+
34	m	47	+				Chronic	Cavitary TB	++	XDR	both lungs	4	multiple, system (4.0 x 1.6)	3	3	1	+	0	0	0
35	m	23	+				Recent	Cavitary TB	+++	s	UR	2	multiple (3.0 x 2.5)	3	3	2	+	+	++	++
36	m	71	+				Recent	Caseous pn.	+++	MDR	both lungs	4	multiple, system (8.8 x 3.0)	3	3	3	0	0	+	+
37	m	33	+				Chronic	Cavitary TB	+++	XDR	both lungs	4	multiple, system	3	3	3	0	0	+	+
38	f	29	+				Chronic	Cavitary TB	++	XDR	both lungs	4	multiple, system	3	2	3	+	0	0	+
39	f	31	+				Recent	TB infiltrate	++	MDR	UL: S _{1,2}	1	multiple, small	2	2	2	+	+	++	++
40	m	62	+				Recent	Caseous pn.	++	MDR	UR; UL; MR; LL	4	multiple, system	3	2	3	+	0	0	+
41	f	39	+				Chronic	TB infiltrate	+	s	UL: S _{1,2} , S ₄ , S ₅ ; LL: S ₆	2	two small	2	0	0	+	+	N	N
42	f	35	+				Recent	TB infiltrate	++	s	left lung	4	multiple, system (1.7 x 0.9)	3	3	0	+	++	+	N
43	m	32	+				Recent	TB infiltrate	++	s	UR; UL	2	multiple (2.5 x 1.3)	3	1	2	+	+	++	++
44	f	24	+				Recent	TB infiltrate	++	s	UR: S ₁ ,S ₂ ; UL: S _{1,2}	1	multiple (3.5 x 3.5)	3	3	1	+	+	+	++
45	f	26	+				Recent	TB infiltrate	+	s	UR: S ₁ ,S ₂ ; MR: S ₅	1	two small	2	1	1	+	++	0	++
46	f	30	+				Recent	TB infiltrate	+	MDR	UR: S ₂ ; LR: S ₆ ; UL: S _{1,2} ,S ₄ ,S ₅ ; LL: S ₆	2	multiple, system (2.0 x 2.0)	3	2	1	0	0	0	0
47	f	44	+				Recent	TB infiltrate	++	MDR	left lung	4	three (2.9 x 1.6)	3	3	1	+	0	++	++
48	m	37	+				Chronic	Cavitary TB	++	MDR	both lungs	4	multiple (2.5 x 1.5)	3	1	1	++	0	0	++
49	m	21	+				Recent	TB infiltrate	+++	MDR	both lungs	4	two small	2	3	2	++	++	++	++
50	m	49	+				Recent	Caseous pn.	+	MDR	both lungs	4	multiple (2.1 x 1.4)	3	3	3	0	0	0	0
52	f	30	+				Recent	Caseous pn.	+++	s	left lung; UR	4	multiple (2.5 x 2.5)	3	3	3	+	0	++	++
54	f	31	+				Recent	TB infiltrate	+	DR	UR: S ₁ , S ₂	1	multiple (2.0 x 2.0)	3	1	0	+	0	++	N
51	m	76	+				Chronic	TB infiltrate	+	MDR	UR: S ₁ ; UL: S _{1,2} ; LL: S ₆	2	multiple (2.0 x 2.0)	3	2	1	0	0	++	++
53	f	33	+				Recent	TB infiltrate	+	DR	LR: S ₁₀ ; LL: S ₆ , S ₈	1	multiple (1.5 x 3.0)	3	3	1	++	++	0	++
55	f	25	+				Recent	Tuberculoma	+	MDR	UR: S ₂	1	none	0	0	0	++	N	N	N
56	f	33	+				Chronic	Cavitary TB	+	s	UR; UL	2	two small	2	0	0	+	+	N	N
57	m	18	+				Recent	TB infiltrate	++	s	UL	2	one small	1	0	0	++	+	N	N
58	m	45	+				Recent	TB infiltrate	+	s	left lung	4	none	0	0	0	++	N	N	N
59	m	30	+				Recent	TB infiltrate	+	DR	UR: S ₁ ; UL: S _{1,2}	1	multiple small	2	1	1	+	+	++	++
60	m	27	+				Recent	TB infiltrate	+	DR	UL: S _{1,2}	1	one small	1	1	1	+	+	++	0
61	m	29	+				Recent	TB infiltrate	+++	MDR	UR: S ₁ ,S ₂ ,S ₃ ; MR: S ₄ ; LR: S ₆ , S ₁₀	2	one (3.0 x 4.0)	2	2	2	0	0	+	0
62	m	43	+				Recent	TB infiltrate	+++	MDR	UR; UL; MR	3	multiple (4.0 x 5.0)	3	3	2	0	0	+	+
63	m	34	+				Chronic	Cavitary TB	+++	s	both lungs	4	multiple,system (5.0 x 5.0)	3	3	3	+	+	++	++
64	m	21	+				Chronic	Cavitary TB	+	DR	left lung; UR	4	multiple, small	2	1	1	+	+	++	++
65	f	25	+				Recent	Cavitary TB	+	s	UL: S _{1,2} ,S ₄ ,S ₅ ; LL: S ₆ ,S ₁₀	2	multiple (3.0 x 2.3)	3	0	0	+	+	N	N
66	m	49	+				Recent	Tuberculoma	-	ND	UR: S ₁ ,S ₂ ,S ₃	1	none	0	0	0	+	+	N	N
67	m	51	+				Chronic	Cavitary TB	+++	XDR	UR; UL	2	multiple,system (2.0 x 2.0)	3	3	2	+	+	++	++
68	f	38	+				Chronic	Cavitary TB	-	ND	MR; UR: S ₃ ; LR: S ₆ ; LL: S ₈ ,S ₉ ,S ₁₀	2	multiple, small	2	0	1	+	+	++	++
69	f	33	+				Chronic	Cavitary TB	+	s	UR; UL: S _{1,2}	2	two small	2	0	0	+	+	N	N
70	f	28	+				Chronic	Tuberculoma	-	ND	UL: S _{1,2} ; UR	2	none	0	1	0	+	+	++	N