

Table S1 – Results by gender and smear status at time of tuberculosis treatment

Result	Female (%)	Male (%)	<i>P</i> value	Smear positive (%)	Smear negative (%)	<i>P</i> value
Symptoms	n = 101	n = 184		n = 225	n = 60	
Cough	32 (31.7)	62 (33.7)	0.73	75 (33.3)	19 (31.7)	0.807
Haemoptysis	7 (6.9)	14 (7.6)	0.834	16 (7.1)	5 (8.3)	0.747
Fatigue	35 (34.7)	54 (29.3)	0.355	68 (30.2)	21 (35)	0.478
Fevers	8 (7.9)	18 (9.8)	0.602	22 (9.8)	4 (6.7)	0.616
Night sweats	15 (14.9)	36 (19.6)	0.321	40 (17.8)	11 (18.3)	0.921
Chest pain	23 (22.8)	53 (28.8)	0.271	60 (26.7)	16 (26.7)	1
Chest X-ray results	n = 101	n = 184		n = 225	n = 60	
Cavitation	11 (10.9)	39 (21.2)	0.029	43 (19.1)	7 (11.7)	0.178
Fungal ball	1 (1)	12 (6.5)	0.037	12 (5.3)	1 (1.7)	0.313
Paracavitary fibrosis	6 (5.9)	30 (16.3)	0.012	34 (15.1)	2 (3.3)	0.015
Pleural thickening	11 (10.9)	39 (21.2)	0.029	43 (19.1)	7 (11.7)	0.178
<i>Aspergillus</i> IgG positive	5 (5)	23 (12.5)	0.041	21 (9.3)	7 (11.7)	0.590
CT thorax results	n = 16	n = 57		n = 60	n = 13	
Fungal ball	2 (12.5)	9 (15.8)	1	9 (15)	2 (15.4)	1
Cavitation	7 (43.7)	28 (49.1)	0.704	30 (50)	5 (38.5)	0.45
Paracavitary fibrosis	5 (31.2)	23 (40.4)	0.508	24 (40)	4 (30.8)	0.754
Pleural thickening	9 (56.2)	39 (68.4)	0.365	40 (66.7)	8 (61.5)	0.724
Nodule(s)	12 (75)	50 (87.7)	0.209	52 (86.7)	10 (76.9)	0.373
Bronchiectasis	11 (68.7)	43 (75.4)	0.590	46 (76.7)	8 (61.5)	0.26
Destroyed lung	2 (12.5)	1 (1.8)	0.119	2 (3.3)	1 (7.7)	0.45
Final diagnosis	n = 101	n = 184		n = 225	n = 60	
CPA	3 (3)	11 (6)	0.392	10 (4.4)	4 (6.7)	0.503

Table S2 –CPA frequency in relation to potential risk factors

Factor at time of recruitment	Number with CPA where factor is present (%)	Number with CPA where factor is absent (%)	<i>p-value</i>
All patients n=285	14 (4.9)	-	-
CD4 count < 100 cells/ μ L n=3	0	14 (5)	1
Subsistence farmer n=270	14 (5.2)	0	1
Traditional dwelling n=270	14 (5.2)	0	1
Dampness reported in house n=78	3 (3.8)	11 (5.3)	0.765
Frequently cooks on charcoal n=128	2 (1.6)	12 (9.4)	0.743
Tobacco smoker n=30	0	14 (5.5)	0.375