

Supplementary Material

Table S1. Association Between Sputum Smear Score and Characteristics of Patients with Rifampicin-Resistant Pulmonary TB (n=55)

Variable	0 (n=24)	Scanty (n=3)	+1 (n=14)	+2 (n=5)	+3 (n=9)	p-value
Age, years						0.277¹
18–25 years (n=6)	5 (20.8%)	0 (0%)	0 (0%)	1 (20%)	0 (0%)	
26–45 years (n=17)	5 (20.8%)	0 (0%)	6 (42.9%)	1 (20%)	5 (55.6%)	
46–65 years (n=30)	13 (54.2%)	3 (100%)	8 (57.1%)	2 (40%)	4 (44.4%)	
>65 years (n=2)	1 (4.2%)	0 (0%)	0 (0%)	1 (20%)	0 (0%)	
Sex						0.321²
Male (n=33)	17 (70.8%)	2 (66.7%)	6 (42.9%)	4 (80%)	4 (44.4%)	
Female (n=22)	7 (29.2%)	1 (33.3%)	8 (57.1%)	1 (20%)	5 (55.6%)	
BMI (kg/m²)						0.788¹
≥25 (n=7)	2 (8.3%)	0 (0%)	3 (21.4%)	1 (20%)	1 (11.1%)	
18.5–24.9 (n=31)	17 (70.8%)	3 (100%)	4 (28.6%)	2 (40%)	5 (55.6%)	
16–18.4 (n=8)	1 (4.2%)	0 (0%)	5 (35.7%)	1 (20%)	1 (11.1%)	
<16 (n=9)	4 (16.7%)	0 (0%)	2 (14.3%)	1 (20%)	2 (22.2%)	
History of TB						0.846¹
Treatment						
New case (n=41)	18 (75%)	3 (100%)	9 (64.3%)	4 (80%)	7 (77.8%)	
Relapse (n=8)	3 (12.5%)	0 (0%)	3 (21.4%)	1 (20%)	1 (11.1%)	
LTFU (n=6)	3 (12.5%)	0 (0%)	2 (14.3%)	0 (0%)	1 (11.1%)	
Comorbidities						
Diabetes Mellitus (n=29)	10 (41.7%)	2 (66.7%)	7 (50%)	3 (60%)	7 (77.8%)	0.430²
HIV (n=5)	4 (16.7%)	0 (0%)	0 (0%)	0 (0%)	1 (11.1%)	0.418²
Treatment Outcome						0.420¹
Failure due to change in diagnosis (n=5)	3 (12.5%)	0 (0%)	2 (14.3%)	0 (0%)	0 (0%)	
LTFU (n=6)	3 (12.5%)	0 (0%)	1 (7.1%)	1 (20%)	1 (11.1%)	
Death (n=9)	2 (8.3%)	1 (33.3%)	2 (14.3%)	2 (40%)	2 (22.2%)	
Ongoing treatment (n=18)	10 (41.7%)	1 (33.3%)	2 (14.3%)	1 (20%)	4 (44.4%)	
Cured (n=17)	6 (25%)	1 (33.3%)	7 (50%)	1 (20%)	2 (22.2%)	
Modified Bandim TB Score (Mean ± SD)	5.1 ± 2.8	4.3 ± 0.6	5 ± 2.5	7.8 ± 1.8	6.3 ± 3	0.171¹
Modified Bandim TB Score category						0.538²
Mild (n=30)	14 (58.3%)	3 (100%)	9 (64.3%)	1 (20%)	3 (33.3%)	
Moderate–Severe (n=25)	10 (41.7%)	0 (0%)	5 (35.7%)	4 (80%)	6 (66.7%)	

Variable	0 (n=24)	Scanty (n=3)	+1 (n=14)	+2 (n=5)	+3 (n=9)	p-value
Clinical Manifestations						
Body temperature >37°C (n=37)	14 (58.3%)	1 (33.3%)	10 (71.4%)	5 (100%)	7 (77.8%)	0.246²
Cough (n=54)	23 (95.8%)	3 (100%)	14 (100%)	5 (100%)	9 (100%)	0.859²
Hemoptysis (n=16)	7 (29.2%)	0 (0%)	3 (21.4%)	3 (60%)	3 (33.3%)	0.403²
Dyspnea (n=37)	16 (66.7%)	3 (100%)	8 (57.1%)	4 (80%)	6 (66.7%)	0.647²
Night sweats (n=31)	12 (50%)	1 (33.3%)	7 (50%)	5 (100%)	6 (66.7%)	0.237²
Chest pain (n=19)	6 (25%)	0 (0%)	4 (28.6%)	4 (80%)	5 (55.6%)	0.059²
HR >90 bpm (n=36)	14 (58.3%)	3 (100%)	9 (64.3%)	3 (60%)	7 (77.8%)	0.592²
Anemia (n=19)	10 (41.7%)	1 (33.3%)	1 (7.1%)	2 (40%)	5 (55.6%)	0.135²
Positive auscultation (n=29)	11 (45.8%)	1 (33.3%)	7 (50%)	5 (100%)	5 (55.6%)	0.243²
Radiological Findings						
Atelectasis (n=2)	0 (0%)	0 (0%)	1 (7.1%)	1 (20%)	0 (0%)	0.225²
Pleural effusion (n=2)	2 (8.3%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0.613²
Fibrosis (n=7)	5 (20.8%)	0 (0%)	1 (7.1%)	0 (0%)	1 (11.1%)	0.558²
Fibrothorax (n=2)	0 (0%)	0 (0%)	1 (7.1%)	0 (0%)	1 (11.1%)	0.536²
Cavities (n=19)	8 (33.3%)	1 (33.3%)	4 (28.6%)	2 (40%)	4 (44.4%)	0.952²
Consolidation (n=1)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	1 (11.1%)	0.267²
Miliary (n=1)	1 (4.2%)	0 (0%)	0 (0%)	0 (0%)	0 (0%)	0.859²
Nodules (n=21)	8 (33.3%)	2 (66.7%)	7 (50%)	2 (40%)	2 (22.2%)	0.545²

Note:

¹ Kruskal–Wallis test for variables with ≥ 3 categories

² Chi-square test for variables with 2 categories