



9/44 (20%)

1/44 (2%)

- The primary end points were overall cure rate (clinical, microbiological, and radiological cure), recurrence, relapse, and re-infection rate.
- The secondary end points were mortality and hospital admission rate for NTM infection.

Pulmonary Non-tuberculous Mycobacteria (NTM) Infections in Adult Patients at a Tertiary Care Hospital in Saudi Arabia

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infection

Relapse of infection

Re-infection rate

Secondary Endpoints	
Hospital admission rate	15/44 (34%)
*ICU admission	4 /15 (26%)
Mortality due to NTM	10/44 (23%)

Factors associated with clinical, microbiological, and radiological cure were compared between

- 23%.
- Saudi population.



	All (n=45)	M.Simiae (n=16)	M.Avium (n=12)	M.Abscesuss (n=8)	M. Riyadhense (n=4)	Others (n=9)
	5 (11.9%)		1 (8%)	2 (25%)		2 (22%)
	6 (14.3%)	3 (18.75%)	1 (8%)	1 (12.5%)	1 (25%)	1 (11%)
n	8 (19%)	4 (25%)	2 (16%)	2 (25%)		1 (11%)
fection						
tial	3 (2-5)	3 (2-4)	3 (3-5)	3 (3-4)	4 (3-4)	3 (2-4)
ation						
	31 (71.4%)	14 (87.5%)	11 (90%)	4 (50%)	2 (50%)	2 (22%)
	11 (28.6%)	2 (12.5%)	1 (92%)	4 (50%)	2 (50%)	4 (44%)
an, Q1-	36 (8-234)	33	24	52	62	48
	11 (26.2%)	4 (25%)	4 (33%)	2 (25%)		1 (11%)
	23 (54.8%)	9 (56.25%)	7 (58%)	5 (62.5%)		2 (22%)
	6 (14.3%)	2 (12.5%)	1 (8%)	1 (12.5%)	2 (50%)	2 (22%)
	27 (64.3%)	11 (68.75%)	10 (83%)	4 (50%)	2 (50%)	4 (44%)
	13 (31%)	5 (31.25%)	5 (42%)		4 (100%)	3 (33%)
	6 (14.3%)	2 (12.5%)	2 (16%)	1 (12.5%)	3 (75%)	
	14 (33.3%)	8 (50%)	2 (16%)	1 (12.5%)	1 (25%)	3 (33%)
	12 (28.6%)	4 (25%)	4 (33%)	4 (50%)	1 (25%)	1 (11%)
	6 (14.3%)	1 (6.25%)	3 (25%)	1 (12.5%)	2 (50%)	1 (11%)
	4 (9.5%)	1 (6.25%)	1 (8%)	1 (12.5%)		1 (11%)
	3 (7.1%)			2 (25%)		1 (11%)
	9 (21.4%)	4 (25%)	2 (16%)	2 (25%)		2 (22%)
	29 (69%)	9 (56.25%)	8 (66%)	6 (75%)	3	5 (60%)
eeks	16 (2-116)	16	9.5	23	32	16
	8 (1-116)	12	4	46	5	14

An overall cure rate of 95% and recurrence rate of 9% were achieved, with a mortality rate of

• The findings of this study will serve as a guide for healthcare providers for NTM epidemiology, clinical manifestations, and management of pulmonary NTM disease in the