

Table S1 Factors associated with restenosis requiring interventions

Characteristic	No (N=43)	Yes (N=5)	P value
Age (years)	30.3±8.8	33.2±18.2	0.97
Female	39 (90.7)	5 (100.0)	>0.99
TB status			0.29
Pulmonary TB	41 (95.3)	4 (80.0)	
Bronchial TB	2 (4.7)	1 (20.0)	
TB activity			0.28
Active TB	8 (18.6)	2 (40.0)	
Past TB	35 (81.4)	3 (60.0)	
Time from TB diagnosis to tracheobronchial stenosis (months)	13 (8; 54)	9 (5; 120)	0.99
Symptoms			>0.99
Asymptomatic	1 (2.3)	0 (0.0)	
Local symptoms only	38 (88.4)	5 (100.0)	
Local and systemic symptoms	4 (9.3)	0 (0.0)	
Severity of dyspnea			0.09
None	27 (62.8)	1 (20.0)	
Mild	12 (27.9)	4 (80.0)	
Moderate	4 (9.3)	0 (0.0)	
Karnofsky performance status score			0.28
90	2 (4.7)	0 (0.0)	
80	14 (32.6)	2 (40.0)	
70	26 (60.5)	2 (40.0)	
60	1 (2.3)	1 (20.0)	
FVC (%)	62.0±13.1	56.8±10.2	0.46
FEV1 (%)	54.6±11.8	53.0±10.3	0.81
FEV1/FVC (%)	77.2±14.8	79.6±16.1	0.72
FEF 25–75 (%)	42.2±13.4	47.2±19.4	0.40
PEF (%)	56.9±14.5	56.0±19.2	0.89
Restrictive lung disease	27/40 (67.5)	4/5 (80.0)	>0.99
Severity of restrictive disease	27	4	0.58
Mild	8 (29.6)	2 (50.0)	
Moderate	19 (70.4)	2 (50.0)	
Obstructive lung disease	11/40 (27.5)	1/5 (20.0)	>0.99
Severity of obstructive disease	11	1	0.25
Mild	4 (36.4)	0 (0.0)	
Moderate	5 (45.5)	0 (0.0)	
Severe	2 (18.2)	1 (100.0)	
Airway stenosis	43 (100.0)	5 (100.0)	
Location of stenosis			0.47
Trachea	3 (7.0)	0 (0.0)	
Left main bronchus	33 (76.7)	3 (60.0)	
Right main bronchus	7 (16.3)	2 (40.0)	
Location of the lesion in the bronchus	40	5	0.59
Proximal bronchus	4 (10.0)	0 (0.0)	
Middle bronchus	9 (22.5)	0 (0.0)	
Distal bronchus	4 (10.0)	1 (20.0)	
Entire bronchus	23 (57.5)	4 (80.0)	
Length of stenosis (mm)	25.5±8.8	27.5±6.3	0.46
Classification of stenosis			0.53
Moderate stenosis (51–70%)	5 (11.6)	1 (20.0)	
Severe stenosis (71–99%)	20 (46.5)	3 (60.0)	
Occlusion (no lumen)	18 (41.9)	1 (20.0)	
Collapse	36 (83.7)	3 (60.0)	0.23
Consolidation	14 (32.6)	2 (40.0)	>0.99
Linear fibrosis	6 (14.0)	1 (20.0)	0.56
Surgical approach			>0.99
Resection and anastomosis	19 (44.2)	2 (40.0)	
Resection and anastomosis plus lobectomy	24 (55.8)	3 (60.0)	
Method of anastomosis			0.58
End-to-end anastomosis of trachea	3 (7.0)	0 (0.0)	
End-to-end anastomosis of main bronchus	7 (16.3)	1 (20.0)	
Anastomosis of main bronchus to carina	8 (18.6)	0 (0.0)	
Anastomosis of main bronchus to trachea	1 (2.3)	1 (20.0)	
Anastomosis of lobe bronchus to main bronchus	9 (20.9)	1 (20.0)	
Anastomosis of lobe bronchus to carina	14 (32.6)	2 (40.0)	
Anastomosis of lobe bronchus to trachea	1 (2.3)	0 (0.0)	
Mobilization of the trachea	5 (11.6)	0 (0.0)	>0.99
Mobilization of the hilum	40 (93.0)	5 (100.0)	>0.99

Statistics are presented as mean ± standard deviation and n (%). TB, tuberculosis; FVC, forced vital capacity; FEV1, forced expiratory volume in 1 second; FEF 25–75, forced expiratory flow between 25% and 75% of vital capacity; PEF, peak expiratory flow.