

Supplementary file 4. Characteristics of 156 studies included in this review that addressed post-TB chronic lung diseases

First author	Year	Location	Main study outcome	Post-tuberculosis condition(s)	extra info	Ref.
Aggarwal	2017	India	Proportion	Obstructive disease		1
Ahmed	2011	Sudan	Proportion	Hypertension		2
Aida	1998	Japan	Progression	TB sequelae	Ventilation	3
Akkara	2013	India	Proportion	Symptoms		4
				Lung function		
				Chest X-ray		
Al-Hajjaj	2002	Saudi Arabia	Predictors	Lung function		5
Al-Hajjaj	2000	Saudi Arabia	Predictors	Chest X-ray		6
Al-Kattan	2001	Saudi Arabia	Surgery	Aspergillosis		7
Al-Majed	1990	Saudi Arabia	Surgery	Aspergillosis		8
Allwood	2017	South Africa	Proportion	Lung function		9
				Chest X-ray		
Allwood	2015	South Africa	Proportion	Obstructive disease		10
Allwood	2013	Global	Proportion	Obstructive disease	Systematic review	11
Amaral	2015	Global	Prevalence	Obstructive disease		12
Amorim	2013	Brazil	Surgery	TB sequelae		13
Ando	2003	Japan	Rehabilitation	TB sequelae	Post-TB lung disorder	14
Anuradha	2012	India	Surgery	Haemoptysis		15
Ashour	1997	Saudi Arabia	Surgery	TB sequelae	TB destroyed lung	16
Aso	2010	Japan	Ventilation	TB sequelae		17
Baez-Saldana	2013	Mexico	Proportion	Lung function		18
				Chest X-ray		
Baig	2010	Pakistan	Proportion	Obstructive disease		19
Bertin	2007	France	Surgery	TB sequelae		20
Bhattacharyya	2016	India	Comorbidities	Hypertension	COPD, fibrosis, lung function; Quality of life	21
Binegdie	2015	Ethiopia	Proportion	TB sequelae		22
Biswas	2010	India	Comorbidities	TB sequelae	Fungal colonization	23
Byrne	2017	Peru	Proportion	Symptoms		24
				Lung function		
Byrne	2015	Global	Proportion	Obstructive disease	Systematic review	25
				Bronchiectasis		
Byun	2012	South Korea	Surgery	TB sequelae	TB destroyed lung	26
Chailleux	1996	France	Ventilation	TB sequelae		27
Chakaya	2016	Global	Proportion	TB sequelae	Post-TB chronic lung disease	28
Chakrabarti	2007	Global	Predictors	Obstructive disease	Literature review	29
Chatzimichalis	1998	France	Surgery	Aspergillosis		30
Chayakulkeeree	2017	Thailand	Prevalence	Aspergillosis		31
Choi	2017	South Korea	Prevalence	Lung function		32
Chung	2011	Taiwan	Predictors	Lung function		33

Chushkin	2017	Russia	Proportion	Lung function		34
Daidano	2017	Pakistan	Proportion	Bronchiectasis		35
De la Mora	2015	Mexico	Proportion	Obstructive disease	Quality of life	36
De Valliere	2004	South Africa	Proportion	Lung function	Multidrug resistant TB	37
				Chest X-ray		
Denning	2011	Global	Prevalence	Aspergillosis		38
Dewan	1999	India	Surgery	Bronchiectasis	Literature review	39
Dewan	2014	India	Surgery	TB sequelae		40
Dhooria	2014	India	Comorbidities	Fibrosis	Aspergillus sensitisation	41
Dwivedi	1999	India	Surgery	Haemoptysis		42
Ehrlich	2011	South Africa	Prevalence	Symptoms		43
				Lung function		
Eom	2013	South Korea	Surgery	Bronchial stenosis		44
Faini	2015	Tanzania	Prevalence	Aspergillosis		45
Flohr	2012	Global	Proportion	Asthma		46
Fu	2013	China	Surgery	Bronchial stenosis	Endobronchial TB	47
Gandhi	2016	India	Predictors	Lung function	Quality of life	48
Gupte	2017	South Africa	Progression	Lung function	Lung function loss	49
Harries	2016	Global	Proportion	Lung function	Literature review	50
Hassan	2005	Saudi Arabia	Comorbidities	Fibrosis	Chest X-ray, lung function	51
Hedayati	2015	Iran	Proportion	Aspergillosis		52
Hnizdo	2000	South Africa	Predictors	Lung function		53
Hwang	2013	South Korea	Surgery	Haemoptysis		54
Hwang	2014	South Korea	Prevalence	Obstructive disease		55
				Chest X-ray		
Jager	2008	Sweden	Ventilation	TB sequelae		56
Jo	2017	South Korea	Predictors	Hypertension		57
Jordan	2010	Global	Proportion	Bronchiectasis	Literature review	58
Joseph	2015	India	Proportion	Symptoms		59
Jung	2016	South Korea	Comorbidities	TB sequelae	TB destroyed lung; CT, lung function, symptoms	60
Jung	2015	South Korea	Proportion	Symptoms		61
			Predictors	Lung function		
Karanth	2017	India	Progression	TB sequelae	Mortality, six-min walking test	62
Kerti	2009	Romania	Surgery	TB sequelae		63
Khara	2016	India	Proportion	Lung function		64
Kida	1998	United States, Europe, Japan	Rehabilitation	TB sequelae		65
Kim	2004	South Korea	Comorbidities	Emphysema	Heart function	66
Kim	2010	South Korea	Medication	Emphysema		67
Kim	2015	South Korea	Predictors	TB sequelae	TB destroyed lung	68
Kim	2003	South Korea	Surgery	TB sequelae	TB destroyed lung	69
Kim	2017	South Korea	Medication	Obstructive disease		70

Kimura	1998	Japan	Progression	TB sequelae	Mortality	71
Koyama	2015	Japan	Progression	Aspergillosis	Mortality; respiratory failure, imaging, fever	72
			Comorbidities			
Kuhlman	1990	United States	Comorbidities	Chest X-ray	CT	73
Lam	2010	China	Proportion	Obstructive disease		74
Lee	2012	Taiwan	Predictors	Obstructive disease		75
Lee	2010	South Korea	Surgery	TB sequelae	Endobronchial TB	76
Lee	2012	South Korea	Proportion	Obstructive disease	Spontaneously healed TB	77
Lee	2016	South Korea	Progression	Lung function	Spontaneously healed TB	78
Lee	2011	South Korea	Prevalence	Obstructive disease		79
Leger	1994	France	Ventilation	TB sequelae		80
Li	2017	Kiribati	Proportion	TB sequelae	Quality of life	81
Lim	2011	South Korea	Surgery	Bronchial stenosis		82
Lopes	2015	Brazil	Comorbidities	Bronchiectasis	Lung function	83
Macedo Ramos	2006	Brazil	Comorbidities	TB sequelae	Chest X-ray, lung function	84
Mancini	1998	Italy	Comorbidities	Empyema	Fistula	85
Marti	2010	Spain	Ventilation	TB sequelae		86
Massard	1996	France	Surgery	TB sequelae		87
Massard	2012	France	Surgery	TB sequelae		88
Mattila	2017	Finland	Progression	Obstructive disease		89
Mbatchou Ngaha	2016	Cameroon	Proportion	Lung function		90
Meghji	2016	Global	Proportion	Chest X-ray	Quality of life; systematic review	91
Menezes	2007	Latin America	Prevalence	Obstructive disease		92
Menon	2015	India	Proportion	Chest X-ray		93
Miki	2010	Japan	Comorbidities	TB sequelae	Dyspnoea	94
Miller	2009	United States	Progression	TB sequelae	QALYs, lung function	95
Miller	2015	United States	Progression	TB sequelae	Mortality	96
Miyamoto	1995	Japan	Ventilation	TB sequelae		97
Mouroux	1996	France	Surgery	TB sequelae		98
Mukesh	2015	India	Surgery	TB sequelae	TB destroyed lung	99
Muniyandi	2006	India	Progression	TB sequelae	Quality of life	100
Munoz-Torrico	2016	Global	Rehabilitation	TB sequelae	Literature review	101
Nihues	2015	Brazil	Proportion	Symptoms		102
				Lung function		
Nishimura	1999	Japan	Comorbidities	TB sequelae	Heart function	103
Osman	2016	Sudan	Proportion	Symptoms		104
				Lung function		
Panda	2016	India	Comorbidities	TB sequelae	Dyspnoea, CT, lung function	105
Park	2017	South Korea	Comorbidities	Obstructive disease	Lung function, exacerbations, quality of life	106

Parkes-Ratanshi	2015	Uganda	Prevalence	Aspergillosis		107
Pasipanodya	2010	United States	Proportion	Lung function		108
Pasipanodya	2007	United States	Comorbidities	Lung function	Quality of life	109
Pasipanodya	2007	United States	Proportion	Lung function		110
Pefura-Yone	2014	Cameroon	Proportion	Symptoms		111
			Predictors	Lung function		
Pegorie	2017	United Kingdom	Prevalence	Aspergillosis		112
Pesut	2008	Global	Rehabilitation	TB sequelae	Quality of life; literature review	113
Radovic	2011	Serbia	Predictors	Obstructive disease		114
Rajasekaran	2001	India	Progression	Asthma	Diagnosis and management	115
Rajeswari	2005	India	Proportion	Symptoms	Quality of life	116
Rakotoson	2011	Madagascar	Surgery	Aspergillosis		117
Reddy	2015	India	Comorbidities	Bronchiectasis	Lung function	118
				Fibrosis		
Ross	2010	South Africa	Predictors	Lung function		119
Ryu	2006	South Korea	Surgery	Bronchial stenosis		120
Ryu	2014	South Korea	Surgery	TB sequelae	Haemoptysis	121
			Progression			
Sailaja	2015	India	Proportion	Lung function		122
Sakuma	1996	Japan	Comorbidities	TB sequelae	Sleep oxygen desaturation	123
Samaria	2011	India	Ventilation	Bronchiectasis		124
Santra	2017	India	Predictors	Obstructive disease		125
Sarkar	2017	Global	Proportion	Obstructive disease	Literature review	126
Sarpal	2017	India	Progression	Obstructive disease	Exacerbations, mortality	127
				Bronchiectasis		
Shah	2014	Global	Comorbidities	TB sequelae	Structural and functional; literature review	128
Shetty	2010	India	Predictors	Asthma		129
Shin	2011	South Korea	Surgery	Haemoptysis		130
Sihoe	2017	China	Surgery	TB sequelae		131
Singh	2012	India	Comorbidities	TB sequelae	Lung function	132
Singla	2009	India	Proportion	Symptoms	Multidrug resistant TB	133
				Lung function		
				Chest X-ray		
Sivaranjini	2010	India	Comorbidities	TB sequelae	6min walking test	134
Souilamas	2001	France	Surgery	TB sequelae		135
Strom	1991	Sweden	Ventilation	TB sequelae	Mortality	136 137
Strom	1993	Sweden	Ventilation	TB sequelae	Mortality	137
Tay	2017	South Korea	Surgery	Bronchial stenosis		138
Tsuboi	2009	Japan	Ventilation	TB sequelae		139
Tsuboi	2010	Japan	Ventilation	Lung function	Chronic respiratory failure	140
Van Zyl Smit	2010	Global	Proportion	Obstructive disease	Literature review	141

Vecino	2011	United States	Predictors	Lung function		142
Verma	2012	South Korea	Surgery	Bronchial stenosis		143
Verma	2012	South Korea	Surgery	Bronchial stenosis		144
Wang	2015	China	Progression	TB sequelae	Mortality	145
Watanabe	1997	Japan	Surgery	Bronchial stenosis	Endobronchial TB	146
Windisch	2003	Germany	Ventilation	TB sequelae	Quality of life	147
Windisch	2003	Germany	Ventilation	TB sequelae	Quality of life	148
Xu	2015	China	Surgery	Haemoptysis		149
Yablonski	2013	Global	Surgery	TB sequelae	Literature review	150
Yakar	2017	Turkey	Progression	Obstructive disease	Diagnosis, admissions, mortality	151
Yong	2009	South Korea	Surgery	Bronchial stenosis		152
Yoshida	2006	Japan	Rehabilitation	TB sequelae		153
Yum	2014	South Korea	Medication	TB sequelae	TB destroyed lung	154
Zaki	2017	Egypt	Prevalence	Aspergillosis		155
Zurita	2017	Ecuador	Prevalence	Aspergillosis		156

Legend: For each included article, a single main study outcome and all post-tuberculosis conditions under study were listed; see Supplementary file 3 for definitions of study outcomes.

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