

Supplementary Appendix

The following table provides a list of the 56 papers assessed for inclusion, after the Abstract Review and Additional Hand Search. Reasons for exclusion of the paper are provided where appropriate.

	Author	Reference	Included	Reason for exclusion
1	Ait-Khaled, 2007	[1]	N	Review article
2	Anno, 1955	[2]	N	Active tuberculosis
3	Baatjies, 2009	[3]	N	Non-standard measure of obstruction, Asthma study in Bakery workers
4	Baig, 2010	[4]	Y	
5	Birath, 1966	[5]	N	Active tuberculosis
6	Buist, 2007	[6]	N	Insufficient detail
7	Buist, 2008	[7]	N	Insufficient detail
8	Caballero, 2008	[8]	Y	
9	Chakrabarti, 2007	[9]	N	Review article
10	Chan-Yeung, 2004	[10]	N	Review article
11	Chan-Yeung, 2007	[11]	Y	
12	Chung, 2011	[13]	Y	
13	Couderc, 1996	[14]	N	Letter to editor
14	Cowie, 1998	[15]	N	Non-standard measure of obstruction
15	Danielsson, 2012	[16]	N	Already included in Lamprecht, 2011
16	de Valliere, 2004	[17]	N	Non-standard measure of obstruction
17	Ehrlich, 2011	[18]	N	Review article
18	Ehrlich, 2011(2)	[19]	N	Non-standard measure of obstruction
19	Fullerton, 2011	[20]	N	Insufficient detail, Non-standard measure of obstruction
20	Gaensler, 1959	[21]	N	Active tuberculosis
21	Girdler Brown, 2008	[22]	Y	
22	Gothi, 2007	[23]	Y	
23	Govender, 2011	[24]	Y	
24	Hallet, 1961	[25]	N	Active tuberculosis
25	Hassan, 2005	[26]	N	Insufficient detail
26	Hnizdo, 2000	[27]	N	Non-standard measure of obstruction
27	Idolor, 2011	[28]	Y	
28	Inghammer M, 2010	[29]	N	Incident TB in COPD patients
29	Jordan, 2010	[30]	N	Review article
30	Kawoos, 1979	[31]	N	Active tuberculosis

31	Krishna, 1977	[32]	N	Insufficient detail
32	Lam, 2010	[33]	Y	
33	Lamprecht, 2011	[34]	Y	
34	Lancaster, 1963	[35]	N	Active tuberculosis
35	Lee SW, 2011	[36]	Y	
36	Lee, 2003	[37]	N	Non-standard measure of obstruction
37	Lindoso, 2008	[38]	N	Study not relevant to reasearch question
38	Long, 1998	[39]	N	Insufficient detail
39	Majumdar, 2007	[40]	N	Insufficient detail, data
40	Martin, 1961	[41]	N	Active tuberculosis
41	Martin, 1968	[42]	N	Active tuberculosis, Histology study
42	Menezes, 2007	[43]	Y	
43	Naidoo, 2005	[44]	N	Non-standard measure of obstruction
44	Park, 2009	[45]	N	Study not relevant to reasearch question
45	Pasipanodya, 2007	[46]	Y	
46	Plit, 1998	[47]	Y	
47	Radovic, 2011	[48]	Y	
48	Ramos, 2006	[49]	Y	
49	Ross, 2010	[50]	N	Non-standard measure of obstruction
50	Schaefer, 1980	[51]	N	Insufficient detail
51	Seiden, 1981	[52]	N	Case Report
52	Simpson, 1963	[53]	N	Active tuberculosis
53	Snider, 1971	[12]	Y	
54	Vargha, 1983	[54]	Y	
55	Wiley, 1996	[55]	N	Letter to editor
56	Willcox, 1989	[56]	Y	

REFERENCES:

1. Ait-Khaled N, Enarson DA, Ottmani S, El Sony A, Eltigani M, Sepulveda R: Chronic airflow limitation in developing countries: burden and priorities. [Internet]. . International journal of chronic obstructive pulmonary disease 2007 Jan [cited 2012 Dec 20];2:141–50.
2. Anno H, Tomashefski JF: Studies on the Impairment of Respiratory Function in Pulmonary Tuberculosis. American Review of Tuberculosis and Pulmonary Disease 1955;71:333–48.

3. Baatjies R, Lopata AL, Sander I, Raulf-Heimsoth M, Bateman ED, Meijster T, et al.: Determinants of asthma phenotypes in supermarket bakery workers. *The European respiratory journal* 2009 Oct;34:825–33.
4. Baig IM, Saeed W, Khalil KF: Post-Tuberculous Chronic Obstructive Pulmonary Disease. *Journal of the College of Physicians and Surgeons of Pakistan* 2010;20:542–544.
5. Birath G, Caro J, Malmberg R, Simonsson BG: Airways Obstruction in Pulmonary Tuberculosis. *Scand J Resp Dis* 1966;47:27–36.
6. Buist a S, McBurnie MA, Vollmer WM, Gillespie S, Burney P, Mannino DM, et al.: International variation in the prevalence of COPD (the BOLD Study): a population-based prevalence study. *Lancet* 2007 Sep;370:741–50.
7. Buist AS, Vollmer WM, McBurnie MA: Worldwide burden of COPD in high- and low-income countries. Part I. The burden of obstructive lung disease (BOLD) initiative. [Internet]. . *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease* 2008 Jul [cited 2012 Dec 19];12:703–8.
8. Caballero A, Torres-Duque CA, Jaramillo C, Bolivar F, Sanabria F, Osorio P, et al.: Prevalence of COPD in Five Colombian Cities Situated at Low, Medium, and High Altitude (PREPOCOL Study)•. *Chest* 2008;133:343–349.
9. Chakrabarti B, Calverley PMA, Davies PDO: Tuberculosis and its incidence, special nature, and relationship with chronic obstructive pulmonary disease. [Internet]. . *International journal of chronic obstructive pulmonary disease* 2007 Jan [cited 2012 Dec 19];2:263–72.
10. Chan-Yeung M, Ait-Khaled N, White N, Ip MS, Tan WC: The burden and impact of COPD in Asia and Africa. [Internet]. . *The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease* 2004 Jan [cited 2012 Dec 19];8:2–14.
11. Chan-Yeung M, Ho A, Cheung A, Liu R, Yee W, Sin K, et al.: Determinants of chronic obstructive pulmonary disease in Chinese patients in Hong Kong [Internet]. . *The International Journal of Tuberculosis and Lung Disease* 2007 [cited 2011 Oct 31];11:502–507.
12. Snider GL, Doctor L, Demas TA, Shae AR: Obstructive Airway Disease in Patients with Treated Pulmonary Tuberculosis. *American Review of Respiratory Disease* 1971;103:625–640.
13. Chung K-P, Chen J-Y, Lee C-H, Wu H-D, Wang J-Y, Lee L-N, et al.: Trends and predictors of changes in pulmonary function after treatment for pulmonary tuberculosis. *Clinical Science* 2011;66:549–556.

14. Couderc LJ, Caubarrère I: Tuberculous bronchiolitis. [Internet]. . The New England journal of medicine 1996 Jun 27 [cited 2012 Dec 19];334:1748–9.
15. Cowie RL: The influence of silicosis on deteriorating lung function in gold miners. [Internet]. . Chest 1998 Feb [cited 2012 Dec 19];113:340–3.
16. Danielsson P, Ólafsdóttir IS, Benediksdóttir B, Gíslason T, Janson C: The prevalence of chronic obstructive pulmonary disease in Uppsala, Sweden--the Burden of Obstructive Lung Disease (BOLD) study: cross-sectional population-based study. The clinical respiratory journal 2012 Apr;6:120–7.
17. De Vallière S, Barker RD: Residual lung damage after completion of treatment for multidrug-resistant tuberculosis. [Internet]. . The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease 2004 Jun [cited 2012 Dec 20];8:767–71.
18. Ehrlich RI, Adams S, Baatjies R, Jeebhay MF: Chronic airflow obstruction and respiratory symptoms following tuberculosis: a review of South African studies. The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease 2011 Jul;15:886–91.
19. Ehrlich RI, Myers JE, Te Water Naude JM, Thompson ML, Churchyard GJ: Lung function loss in relation to silica dust exposure in South African gold miners. Occupational and environmental medicine 2011 Feb;68:96–101.
20. Fullerton DG, Suseno A, Semple S, Kalambo F, Malamba R, White S, et al.: Wood smoke exposure, poverty and impaired lung function in Malawian adults. [Internet]. . The international journal of tuberculosis and lung disease : the official journal of the International Union against Tuberculosis and Lung Disease 2011 Mar [cited 2012 Dec 20];15:391–8.
21. Gaensler EA, Lindgren I: Chronic bronchitis as an etiologic factor in obstructive emphysema; preliminary report. [Internet]. . The American review of respiratory disease 1959 Jul [cited 2011 Nov 1];80:185–93.
22. Girdler-Brown BV, White NW, Ehrlich RI, Churchyard GJ: The burden of silicosis, pulmonary tuberculosis and COPD among former Basotho goldminers. American journal of industrial medicine 2008;51:640–647.
23. Gothi D, Shah D V, Joshi JM: Clinical profile of diseases causing chronic airflow limitation in a tertiary care centre in India. [Internet]. . The Journal of the Association of Physicians of India 2007 Aug;55:551–5.
24. Govender N, Lalloo UG, Naidoo RN: Occupational exposures and chronic obstructive pulmonary disease : a hospital based casecontrol study. Thorax 2011;66:597–602.

25. Hallett WY, Martin CJ: The diffuse obstructive pulmonary syndrome in a tuberculosis sanatorium. I. Etiologic factors. [Internet]. . *Annals of internal medicine* 1961 Jun [cited 2011 Nov 1];54:1146–55.
26. Hassan IS, Al-Jahdali HH: Obstructive airways disease in patients with significant post- tuberculous lung scarring. [Internet]. . *Saudi medical journal* 2005 Jul [cited 2012 Dec 20];26:1155–7.
27. Hnizdo E, Singh T, Churchyard G: Chronic pulmonary function impairment caused by initial and recurrent pulmonary tuberculosis following treatment. *Thorax* 2000;55:32–38.
28. Idolor LF, DE Guia TS, Francisco NA, Roa CC, Ayuyao FG, Tady CZ, et al.: Burden of obstructive lung disease in a rural setting in the Philippines. *Respirology (Carlton, Vic)* 2011 Oct;16:1111–8.
29. Inghammar M, Ekblom A, Engström G, Ljungberg B, Romanus V, Löfdahl C-G, et al.: COPD and the risk of tuberculosis--a population-based cohort study. *PloS one* 2010 Jan;5:e10138.
30. Jordan TS, Spencer EM, Davies P: Tuberculosis, bronchiectasis and chronic airflow obstruction. *Respirology (Carlton, Vic)* 2010 May;15:623–8.
31. Kawoos MY, Khanna BK: A study of airway obstruction in pulmonary tuberculosis. [Internet]. . *The Indian journal of chest diseases & allied sciences* 1979 Jan [cited 2011 Nov 1];21:18–23.
32. Krishna K, Bond S, Artvinli M, Reid KDG, McHardy GJR, Crofton JW: Pulmonary Function in Treated Tuberculosis; A Long Term Follow-Up. *American Review of Respiratory Disease* 1977;15:402.
33. Lam KB, Jiang CQ, Jordan RE, Miller MR, Zhang WS, Cheng KK, et al.: Prior TB, Smoking, and Airflow Obstruction : A Cross-Sectional Analysis of the Guangzhou Biobank Cohort Study. *Chest* 2010;137:593–600.
34. Lamprecht B, Mccburnie MA, Vollmer WM, Welte T, Nizankowska-mogilnicka E, Bateman E, et al.: COPD in Never Smokers : Results From the Population-Based Burden of Obstructive Lung Disease Study. *Chest* 2011;139:752–763.
35. Lancaster JF, Tomashefski JF: Tuberculosis--a cause of emphysema. [Internet]. . *The American review of respiratory disease* 1963 Mar [cited 2011 Nov 1];87:435–7.
36. Lee SW, Kim YS, Kim D, Oh Y, Lee S: The risk of obstructive lung disease by previous pulmonary tuberculosis in a country with intermediate burden of tuberculosis. *J Korean Med Sci* 2011 Feb;26:268–73.

37. Lee J., Chang J.: Lung function in patients with chronic airflow obstruction due to tuberculous destroyed lung. *Respiratory Medicine* 2003 Nov;97:1237–1242.
38. Lindoso AABP, Waldman EA, Komatsu NK, Figueiredo SM de, Taniguchi M, Rodrigues LC: Profile of tuberculosis patients progressing to death, city of São Paulo, Brazil, 2002. [Internet]. . *Revista de saúde pública* 2008 Oct [cited 2012 Dec 20];42:805–12.
39. Long R, Maycher B, Dhar A, Manfreda J, Hershfield E, Anthonisen N: Pulmonary tuberculosis treated with directly observed therapy: serial changes in lung structure and function. [Internet]. . *Chest* 1998 Apr [cited 2011 Nov 1];113:933–43.
40. Majumdar S, Sen S, Mandal SK: A hospital-based study on pulmonary function tests and exercise tolerance in patients of chronic obstructive pulmonary disease and other diseases. [Internet]. . *Journal of the Indian Medical Association* 2007 Oct [cited 2012 Dec 20];105:565–6, 568, 570 passim.
41. Martin CJ, Hallett WY: The diffuse obstructive pulmonary syndrome in a tuberculosis sanatorium. II. Incidence and symptoms. [Internet]. . *Annals of internal medicine* 1961 Jun [cited 2011 Nov 1];54:1156–64.
42. Martin CJ, Cochran TH, Katsura S: Tuberculosis, emphysema, and bronchitis. *American Review of Respiratory Disease* 1968;97:1089–1094.
43. Menezes AMB, Hallal PC, Perez-Padilla R, Jardim J, Muino A, Lopez M, et al.: Tuberculosis and airflow obstruction: evidence from the PLATINO study in Latin America. *European Respiratory Journal* 2007;30:1180–1185.
44. Naidoo RN, Robins TG, Seixas N, Lalloo UG, Becklake M: Differential respirable dust related lung function effects between current and former South African coal miners. *International archives of occupational and environmental health* 2005 May;78:293–302.
45. Park HH, Girdler-Brown B V, Churchyard GJ, White NW, Ehrlich RI: Incidence of tuberculosis and HIV and progression of silicosis and lung function impairment among former Basotho gold miners. *American journal of industrial medicine* 2009 Dec;52:901–8.
46. Pasipanodya JG, Miller TL, Vecino M, Munguia G, Garmon R, Bae S, et al.: Pulmonary Impairment After Tuberculosis *. *Chest* 2007;131:1817.
47. Plit ML, Anderson R, Van Rensburg CEJ, Page-Shipp L, Blott JA, Fresen JL, et al.: Influence of antimicrobial chemotherapy on spirometric parameters and pro-inflammatory indices in severe pulmonary tuberculosis. *European Respiratory Journal* 1998;12:351–356.

48. Radovic M, Ristic L, Stankovic I, Pejdic T, Rancic M, Ciric Z, et al.: Chronic Airflow Obstruction Syndrome Due to Pulmonary Tuberculosis Treated with Directly Observed Therapy – a Serious Changes in Lung Function. *Lung* 2011;65:265–269.
49. Ramos LMM, Sulmonett N, Ferreira CS, Henriques JF, DeMiranda SSDE: Functional profile of patients with tuberculosis sequelae in a university hospital*. *J Bras Pneumol* 2006;32:43–47.
50. Ross J, Ehrlich RI, Hnizdo E, White N, Churchyard GJ: Excess lung function decline in gold miners following pulmonary tuberculosis. *Thorax* 2010 Nov;65:1010–5.
51. Schaefer O, Eaton RD, Timmermans FJ, Hildes JA: Respiratory function impairment and cardiopulmonary consequences in long-time residents of the Canadian Arctic. [Internet]. . *Canadian Medical Association journal* 1980 Nov 22 [cited 2012 Dec 20];123:997–1004.
52. Seiden HS, Thomas P: Endobronchial tuberculosis and its sequelae. [Internet]. . *Canadian Medical Association journal* 1981 Jan 15 [cited 2012 Dec 20];124:165–9.
53. SIMPSON DG, USCHNER M, McCLEMENT J: Respiratory function in pulmonary tuberculosis. [Internet]. . *The American review of respiratory disease* 1963 Jan [cited 2012 Dec 20];87:1–16.
54. Vargha G: Fifteen Year Follow-up of Lung Function in Obstructive and Non-Obstructive Pulmonary Tuberculosis. *Acta Medica Hungarica* 1983;40:271–276.
55. Wiley EL, Nightingale SD: Tuberculous bronchiolitis. *The New England journal of medicine* 1996 Jun 27;334:1749.
56. Willcox PA, Ferguson AD: Chronic obstructive airways disease following treated pulmonary tuberculosis. *Respiratory Medicine* 1989;83:195–198.