

## **Supplementary Table S4**

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**Table S4.** Demographic information in papers from randomized controlled trials of asthma interventions. Information in brackets ( ) was not directly reported but deducible indirectly from author affiliations, acknowledgements or other information presented in the publications. (n/a - not applicable; NS – not statistically significant ( $p>0.05$ ); <sup>a</sup>refers to the number recruited (the number randomized was not reported); <sup>b</sup>refers to pulmonologists, not centres).

Study number and reference	Adults (A) or children (C)	Race/ethnicity, ancestry, genetics or migration status		Socio-economic data		Number of centres		Countries		Discussed generality of results
		Reported	Analyzed	Reported	Analyzed	Number	Identity	Analysis		
1. Rafferty et al. (1985)	A	No	No	No	No	Not reported	(1)	(Yes)	n/a	No
2. Ebden et al. (1986)	A	No	No	No	No	Not reported	(1)	No	n/a	No
3. Pedersen & Fuglsang (1988)	C	No	No	No	No	Not reported	(1)	No	n/a	No
4. Fitzgerald et al. (1988)	C	No	No	No	No	1	(1)	(Yes)	n/a	No
5. Fabbri et al. (1993)	A	% Caucasian	No	No	No	25	10	No	Not reported	No
6. Barnes et al. (1993)	A	% Caucasian	No	No	No	18	7	(Yes)	Country interaction stated NS (no data)	No
7. Lundback et al. (1993)	A	% Caucasian	No	No	No	47	10	(Yes)	Not reported	No
8. Gustaffson et al. (1993)	C	No	No	No	No	32	11	No	Not reported	No
9. Langdon & Capsey (1994)	A	No	No	No	No	57	1	No	n/a	No
10. Langdon & Thompson (1994)	A	No	No	No	No	45	1	No	n/a	No
11. Boe et al. (1994)	A	No	No	No	No	Not reported	1	Yes	n/a	No
12. Tjwa (1995)	A	No	No	No	No	Not reported	(1)	(Yes)	n/a	No
13. Connolly (1995)	A	No	No	No	No	42	1	Yes	n/a	No
14. Bootsma et al. (1995)	A	No	No	No	No	(1)	(1)	(Yes)	n/a	No
15. Ayres et al. (1995)	A	% Caucasian	No	No	No	66	13	(Yes)	Not reported	No
16. Lorentzen et al. (1996)	A	No	No	No	No	20	7	No	Not reported	No
17. Ringdal et al. (1996)	A	% Caucasian	No	No	No	Not reported	> 1	No	Not reported	No
18. Hoekx et al. (1996)	C	No	No	No	No	22	4	No	Not reported	No
19. Basran et al. (1997)	A	No	No	No	No	17	1	Yes	n/a	No
20. Agertoft & Pedersen (1997)	C	No	No	No	No	(1)	(1)	(Yes)	n/a	No
21. Yiallourous et al. (1997)	A	No	No	No	No	2	1	Yes	n/a	No
22. Pauwels et al. (1998)	A	Caucasian	No	No	No	36	(1)	(Yes)	n/a	No
23. Bateman et al. (1998)	A	No	No	No	No	44	4	(Yes)	Not reported	No
24. Bisgaard et al. (1998)	C	No	No	No	No	6	(1)	No	n/a	No
25. Dal Negro et al. (1999)	A	Italian	No	No	No	(1)	(1)	(Yes)	n/a	No
26. Raphael et al. (1999)	A	Black, White,	No	No	No	23	(1)	(Yes)	n/a	No

27. Egan et al. (1999)	A	Other No	No	No	No	Not reported	(1)	(Yes)	n/a	No
28. Malo et al. (1999)	A	No	No	No	No	Not reported	(1)	(Yes)	n/a	No
29. Heinig et al. (1999)	A	Caucasian, Other	No	No	No	47	4	Yes	Not reported	No
30. Hughes et al. (1999)	A	Caucasian	No	No	No	1	(1)	(Yes)	n/a	No
31. Aubier et al. (1999)	A	No	No	No	No	> 1	Not reported	No	n/a	No
32. Chapman et al. (1999)	A	No	No	No	No	43	5	(Yes)	Not reported	No
33. Rao et al. (1999)	C	No	No	No	No	(1)	(1)	(Yes)	n/a	No
34. Ferguson et al. (1999)	C	No	No	No	No	Not reported	6	Yes	Country interaction stated NS (no data; not reported for all outcomes)	No
35. Jäger et al. (2000)	A	No	No	No	No	6	1	Yes	n/a	No
36. Medici et al. (2000)	A	% Caucasian	No	No	No	7	1	Yes	n/a	No
37. Bousquet et al. (2000)	A	Asian, African, Hispanic, White, Other	No	No	No	57	17	No	Centre interaction stated NS (no data; not reported for all outcomes)	No
38. Jenkins et al. (2000)	A	No	No	No	No	44	> 1	No	n/a	No
39. Kavuru et al. (2000)	A	African-American, White, Other	No	No	No	42	(1)	(Yes)	n/a	No
40. Shapiro et al. (2000)	A	White, Other	No	No	No	42	(1)	(Yes)	n/a	No
41. van den Berg et al. (2000)	C	No	No	No	No	35	9	No	Not reported	No
42. O'Connor et al. (2001)	A	Black, White, Other	No	No	No	60	20	Yes	Not reported	No
43. Aubier et al. (2001)	A	No	No	No	No	31	4	Yes	Not reported	No
44. Johannson et al. (2001)	A	No	No	No	No	(39)	6	Yes	Not reported	No
45. Zetterström et al. (2001)	A	No	No	No	No	59	6	Yes	Not reported	No
46. de Benedictis et al. (2001)	C	Oriental, White, Other	No	No	No	32	7	Yes	Not reported	No
47. Szeffler et al. (2002)	A	No	No	No	No	Not reported	(1)	(Yes)	n/a	No
48. Ige et al. (2002)	A	No	No	No	No	1	1	Yes	n/a	No
49. Ringdal et al. (2002)	A	No	No	No	No	Not reported	(11)	(Yes)	Not reported	Yes
50. Rosenhall et al. (2002)	A	No	No	No	No	Not reported	4	Yes	Not reported	No
51. Kannisto et al. (2002)	C	No	No	No	No	1	1	Yes	n/a	No

52. Tal et al. (2002)	C	No	No	No	No	48	7	Yes	Not reported	No
53. Corren et al. (2003)	A	Black, Caucasian, Other	No	No	No	17	1	Yes	n/a	No
54. Kuna (2003)	A	No	No	No	No	Not reported	4	Yes	Not reported	No
55. Busse et al. (2003)	A	American- Hispanic, Asian, Black, White, Other	No	No	No	90	1	Yes	n/a	No
56. Bateman et al. (2003)	A	No	No	No	No	37	6	Yes	Not reported	No
57. Laloo et al. (2003)	A	No	No	No	No	51	7	Yes	Not reported	No
58. Buhl et al. (2003)	A	No	No	No	No	56	9	Yes	Not reported	No
59. Parakh et al. (2004)	A	Indian	No	No	No	1	1	Yes	n/a	No
60. Prasad et al. (2004)	A	Indian	No	Religion	No	1	1	Yes	n/a	No
61. Bergmann et al. (2004)	A	No	No	No	No	(76)	(1)	(Yes)	n/a	No
62. Zhong et al. (2004)	A	Chinese	No	No	No	21	1	Yes	n/a	No
63. Schiccitano et al. (2004)	A	No	No	No	No	211	18	Yes	Not reported	No
64. Bateman et al. (2004)	A	No	No	No	No	~ 326 <sup>a</sup>	~ 44 <sup>a</sup>	No	Not reported	Yes
65. Aalbers et al. (2004)	A	No	No	No	No	93	6	Yes	Not reported	No
66. Niphadkar et al. (2005)	A	No	No	No	No	11	1	Yes	n/a	No
67. Kaur et al. (2005)	A	No	No	No	No	(1)	(1)	(Yes)	n/a	No
68. Molimard et al. (2005)	A	No	No	No	No	69 <sup>b</sup>	1	Yes	n/a	No
69. FitzGerald et al. (2005)	A	No	No	No	No	91	15	(Yes)	Not reported	No
70. Vogelmeier et al. (2005)	A	No	No	No	No	246	16	No	Not reported	No
71. O'Byrne et al. (2005)	A & C	No	No	No	No	246	22	No	Not reported	No
72. Altintas et al. (2005)	C	No	No	No	No	1	1	Yes	n/a	No
73. Malone et al. (2005)	C	Black, White, Other	No	No	No	79	2	Yes	Not reported	No
74. Pohl et al. (2006)	A	No	No	No	No	16	1	Yes	n/a	
75. Buhl et al. (2006)	A	No	No	No	No	57	(> 1)	No	Not reported	No
76. Koopmans et al. (2006)	A	No	No	No	No	Not reported	Not reported	No	Not reported	No
77. Lundback et al. (2006)	A	No	No	No	No	Not reported	1	Yes	n/a	No
78. Kuna et al. (2006)	A	No	No	No	No	61	8	Yes	Not reported	No
79. Nathan et al. (2006)	A	Black, White, Other	No	No	No	45	1	Yes	n/a	No
80. Dahl et al. (2006)	A	No	No	No	No	178	18	No	Stated country effect NS &	No

									country interaction NS (no data; not reported for all outcomes)	
81. Jenkins et al. (2006)	A	No	No	No	No	54	6	No	Not reported	Yes
82. Bateman et al. (2006)	A	No	No	No	No	> 1	(> 1)	No	Not reported	No
83. Zietlowski et al. (2006)	A	No	No	No	No	Not reported	(1)	(Yes)	n/a	No
84. Horiguchi et al. (2006)	A	No	No	No	No	(1)	(1)	(Yes)	n/a	No
85. Rabe et al. (2006)	A	No	No	No	No	77	9	Yes	Not reported	No
86. Jarjour et al. (2006)	A	No	No	No	No	Not reported	Not reported	No	Not reported	No
87. Pohunek et al. (2006)	C	No	No	No	No	80	8	Yes	Not reported	No

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