Appendix 4: Odds ratio of the effectiveness of respiratory fluoroquinolones compared with other antibiotics for the treatment of community-acquired pneumonia by type of funding of the study.

Review: Fluoroquinolones in CAP
Comparison: 01 Clinical success
Outcome: 24 Funding of the study CE

Study or sub-category	Fluoroquinolones n/N	Controls n/N	OR (fixed) 95% CI	Weight %	OR (fixed) 95% CI
01 Industry funded					
File et al 1997	217/226	208/230		3.72	2.55 [1.15, 5.67]
Norrby et al 1998	105/127	113/139		8.47	1.10 [0.59, 2.06]
Carbon et al 1999	275/291	141/148		4.66	0.85 [0.34, 2.12]
Fogarty et al 1999	184/194	178/188		4.22	1.03 [0.42, 2.54]
Hoeffken et al 2001	336/357	164/174		5.88	0.98 [0.45, 2.12]
Frank et al 2002	80/85	72/78		2.00	1.33 [0.39, 4.56]
Gotfried et al 2002	107/124	113/128		6.91	0.84 [0.40, 1.76]
Lode et al 2002	118/123	124/129		2.23	0.95 [0.27, 3.37]
Torres et al 2003	201/215	217/231		6.17	0.93 [0.43, 1.99]
Erard et al 2004	72/79	34/37		1.86	0.91 [0.22, 3.73]
Fogarty et al 2004	85/95	74/89		3.64	1.72 [0.73, 4.07]
Katz et al 2004	90/108	90/113		6.64	1.28 [0.65, 2.53]
Zervos et al 2004	67/75	75/82		3.46	0.78 [0.27, 2.27]
D'Ignazio et al 2005	177/189	156/174		4.67	1.70 [0.79, 3.64]
Portier et al 2005	131/151	120/138		7.52	0.98 [0.50, 1.95]
Welte et al 2005	138/161	135/156		8.87	0.93 [0.49, 1.77]
Lin et al 2007	18/23	17/22		1.71	1.06 [0.26, 4.32]
Subtotal (95% CI)	2623	2256		82.64	1.13 [0.93, 1.38]
Total events: 2401 (Fluoroquinolones), 2031 (Controls)					
Test for heterogeneity: Chi² = 8.81, df = 16 (P = 0.92), I² = 0%					
Test for overall effect: Z = 1.24 (P = 0.21)					
02 Non-industry funded					
Kalbermatter 2000	27/28	52/56		0.56	2.08 [0.22, 19.51]
Petitpretz etal 2001	162/177	166/185		6.23	1.24 [0.61, 2.52]
Finch et al 2002	241/258	239/280		6.84	2.43 [1.34, 4.40]
Geijo-Martinez 2002	19/20	26/29		0.48	2.19 [0.21, 22.74]
Leophonte et al 2004	122/128	109/121		2.38	2.24 [0.81, 6.17]
Xu et al 2006	18/20	19/20		0.86	0.47 [0.04, 5.69]
Subtotal (95% CI)	631	691		17.36	1.86 [1.26, 2.75]
Total events: 589 (Fluoroquinolones), 611 (Controls)					
Test for heterogeneity: Chi² = 3.37, df = 5 (P = 0.64), I² = 0%					
Test for overall effect: Z = 3.11 (P = 0.002)					
Total (95% CI)	3254	2947		100.00	1.26 [1.06, 1.50]
Total events: 2990 (Fluoroquinolones), 2642 (Controls)					
Test for heterogeneity: Chi² = 16.95, df = 22 (P = 0.77), I² = 0%					
Test for overall effect: Z = 2.57 (P = 0.01)					

0.01   0.1   1   10   100

Favours controls   Favours quinolones