Appendix 1. Study 1 Practice profile and characteristics

	General Practice								
	P1	**P2**	**P3**	**P4**	**P5**	**P6**	**P7**	**P8**	**P9**
No. registered patients (n)	15200	11135	9033	11819	12899	4189	21658	12810	3758
Patients aged >65 (n %)	665 (4.4)	400 (3.6)	809 (9.0)	2531 (21.4)	2632 (20.4)	258 (6.2)	806 (3.7)	2824 (22.0)	249 (6.6)
Total no. GP (n)	8	7	6	10	6	2	14	7	4
No. Male GP (n %)	2 (25.0)	3 (42.9)	3 (50.0)	3 (30.0)	2 (33.3)	1 (50.0)	6 (42.9)	3 (42.9)	2 (50.0)
GP age ≥50 (n %)	3 (37.5	2 (28.6)	N/A	N/A	4 (66.7)	N/A	5 (35.7)	N/A	N/A
GP age ≤34 (n %)	1 (12.5)	2 (28.6)	N/A	N/A	1 (16.7)	N/A	2 (14.3)	2 (28.6)	1 (25.0)
Deprivation*	3	1	1	9	3	1	2	8	1
QOF score†	546	550	543	547	558	546	553	549	541
Long term condition caseload‡	0.016	0.020	0.036	0.038	0.042	0.038	0.016	0.034	0.026
Safety culture score§ (mean SD)	N/A	3.5 (0.99)	4 (1)	4.2 (0.83)	4 (1.32)	3.8 (0.75)	4.1 (0.90)	4 (0.71)	N/A
PC PMOS score¶ (mean SD)	4.0 (0.50)	4.0 (0.56)	3.7 (0.54)	4.0 (0.37)	3.8 (0.43)	3.8 (0.54)	3.7 (0.56)	4.0 (0.46)	3.7 (0.50)

*Measured using the 2015 English Index of Multiple Deprivation Decile based on practice postcode. Deciles range from 1 to 10 with 1=most deprived and 10=least deprived.

†Quality and outcomes framework (QOF) overall score achieved in the financial year 2015-16. Maximum score is 559.

‡Long term condition caseload derived by summing the registers for all conditions in the QOF and dividing by list size.

§Safety culture score calculated using Agency for Healthcare Research and Quality Medical Office Survey on patient safety culture QG2 overall rating of patient safety. Scores range from 1 to 5; 1=poor, 2=fair, 3=good, 4=very good, 5=excellent. Scores cannot be calculated when less than n=5 surveys are returned (N/A shown for practices with less than 5 surveys returned).

¶Primary Care Patient Measure of Safety (PC PMOS) score uses 1 to 5 scale with lower scores indicating poorer safety.

P1, P2, P3…= Practice indicator, n=Number of participants, GP=General Practitioner, N/A=Not Available, QOF=Quality and Outcomes Framework, SD=Standard Deviation