

Appendix 2 (as supplied by the authors): Percentage of intermediate target achievement and adjusted generalized estimating equations by practice list size (quintiles) between 1997 and 2005.

Blood pressure target (<140/80 mm Hg)

List size quintile†	1997			1998			1999			2000			2001			2002		
	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
1	17.9	1		17.3	1		19.1	1		20.7	1		23.9	1		26.0		
2	16.4	0.83	(0.70-0.98)*	16.5	0.90	(0.76-1.06)	18.9	0.92	(0.80-1.06)	20.9	0.94	(0.82-1.07)	23.1	0.95	(0.84-1.07)	25.5	0.98	(0.87-1.09)
3	16.1	0.89	(0.76-1.04)	15.9	0.89	(0.76-1.04)	19.3	1.01	(0.87-1.17)	20.5	0.97	(0.84-1.10)	23.5	0.98	(0.86-1.10)	26.1	0.98	(0.86-1.11)
4	17.2	0.99	(0.85-1.16)	16.8	0.99	(0.85-1.17)	18.7	0.98	(0.85-1.12)	19.8	0.94	(0.83-1.06)	22.4	0.95	(0.84-1.07)	24.3	0.93	(0.83-1.04)
5	18.4	0.98	(0.82-1.16)	18.4	1.03	(0.88-1.22)	18.5	0.96	(0.83-1.10)	20.2	0.97	(0.84-1.11)	23.1	0.95	(0.81-1.11)	24.6	0.92	(0.81-1.04)
Total (mean %)	17.2			17.2			18.9			20.6			23.3			25.5		

Cholesterol target (≤5 mmol/L)

List size quintile†	1997			1998			1999			2000			2001			2002		
	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
1	23.0	1		28.3	1		31.3	1		33.4	1		40.9	1		46.1	1	
2	20.0	0.89	(0.75-1.08)	25.7	0.95	(0.80-1.13)	33.3	1.06	(0.93-1.21)	35.5	1.05	(0.94-1.18)	40.3	1.01	(0.91-1.12)	44.6	0.97	(0.86-1.08)
3	22.2	0.84	(0.68-1.03)	26.8	0.91	(0.76-1.08)	30.6	0.91	(0.80-1.04)	35.6	1.05	(0.92-1.18)	39.6	0.97	(0.87-1.07)	46.3	1.04	(0.93-1.16)
4	18.2	0.86	(0.71-1.05)	22.7	0.80 (0.67-0.95)†		28.3	0.92	(0.80-1.06)	32.1	0.98	(0.86-1.10)	40.4	1.01	(0.90-1.13)	46.5	1.00	(0.89-1.13)
5	22.2	0.94	(0.76-1.16)	24.3	0.83 (0.69-0.97)†		28.9	0.94	(0.82-1.07)	36.8	1.09	(0.95-1.24)	39.9	0.97	(0.86-1.09)	46.4	1.02	(0.90-1.16)
Total (mean %)	19.8			24.5			29.5			34.0			40.1			46.0		

HbA1c target (≤ 7.0 %)

List size quintile†	1997			1998			1999			2000			2001			2002		
	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
1	40.7	1		39.5	1		37.9	1		36.2	1		37.6	1		41.1		
2	40.7	0.98	(0.76-1.28)	40.6	1.03	(0.83-1.29)	35.4	0.84	(0.69-1.01)	35.8	0.97	(0.83-1.14)	38.0	1.01	(0.87-1.15)	41.9	1.01	(0.89-1.16)
3	40.3	0.87	(0.65-1.20)	38.0	0.82	(0.63-1.05)	34.7	0.79 (0.64-0.96)*		34.6	0.92	(0.78-1.09)	37.1	0.95	(0.81-1.10)	39.3	0.92	(0.79-1.07)
4	44.5	1.11	(0.84-1.45)	38.8	1.01	(0.79-1.27)	35.9	0.88	(0.70-1.09)	34.5	0.86	(0.71-1.04)	34.8	0.88	(0.75-1.02)	40.3	0.95	(0.82-1.09)
5	30.7	0.79	(0.55-1.14)	30.7	0.77	(0.58-1.03)	31.3	0.76 (0.60-0.96)*		30.8	0.81 (0.67-0.99)		33.1	0.84	(0.69-1.01)	38.2	0.89	(0.76-1.03)
Total (mean %)	39.3			37.5			35.2			34.5			36.2			40.2		

*P<0.05, **P<0.01

† 1=smallest, 5=largest

Generalised Estimating Equations were adjusted for age, sex, deprivation score, BMI, duration of diabetes and number of comorbid conditions.

Appendix to: Vamos EP, Pape UJ, Bottle A, et al. Association of practice size and pay-for-performance incentives with quality of diabetes management in primary care. *CMAJ* 2011; DOI:10.1503/cmaj.101187.

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2003			2004			2005		
Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
29.7			34.4			38.0		
28.0	0.95	(0.84-1.06)	32.0	0.93	(0.83-1.04)	37.2	0.96	(0.85-1.07)
29.1	0.97	(0.86-1.09)	32.7	0.93	(0.82-1.06)	35.9	0.92	(0.82-1.04)
27.2	0.86	(0.76-0.96)	31.0	0.86	(0.76-0.96)	35.0	0.88	(0.79-0.98)*
28.2	0.93	(0.82-1.04)	32.4	0.92	(0.81-1.05)	36.0	0.92	(0.81-1.06)
28.6			32.5			36.4		

2003			2004			2005		
Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
54.8	1		63.5	1		71.6	1	
54.7	1.04	(0.94-1.15)	64.7	1.038	(0.93-1.15)	72.5	1.03	(0.93-1.15)
55.1	1.04	(0.93-1.16)	63.2	0.992	(0.89-1.10)	72.2	0.99	(0.89-1.11)
56.3	1.09	(0.97-1.21)	65.2	1.080	(0.95-1.22)	72.3	1.03	(0.92-1.17)
57.3	1.14	(0.99-1.30)	65.6	1.113	(0.98-1.26)	73.2	1.10	(0.97-1.40)
55.5			64.8			72.9		

2003			2004			2005		
Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI	Target achievement (mean %)	AOR	95% CI
43.5	1		44.4	1		44.2	1	
44.5	1.02	(0.89-1.17)	44.7	1.00	(0.87-1.13)	46.8	1.06	(0.94-1.19)
42.1	0.93	(0.81-1.07)	43.4	0.96	(0.84-1.09)	46.4	1.06	(0.94-1.20)
41.5	0.91	(0.79-1.04)	41.4	0.89	(0.78-1.01)	44.2	1.01	(0.89-1.13)
41.6	0.90	(0.76-1.05)	44.8	0.98	(0.84-1.15)	46.6	1.05	(0.93-1.19)
42.8			43.9			45.6		

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