

Appendix 4

Sensitivity analysis with increased threshold for focused practice billings

Updated Table 1 with revised cohort

Table 1. Characteristics of family physicians with additional training or focused practice in the care of older adults

	CAC-COE and FSP- COE FPs (n=186)	FPs without evidence of additional training or focused practice (n=13,937)	
N (%) ^a			P value
Physician Demographics			
Sex, Female	115 (61.8)	6,784 (48.7)	<.001 *
Age (years) ^a	45 (17)	49 (22)	0.001 *
Years in practice ^a	17 (18)	22 (24)	<.001 *
Rural ^b	14 (7.5)	1,242 (8.9)	0.51
Community size ^c			
≥1,500,000 residents	70 (37.6)	6,156 (44.2)	0.29
500,000 to 1,499,999 residents	41 (22.0)	2,507 (18.0)	
100,000 to 499,999 residents	44 (23.7)	2,818 (20.2)	
10,000 to 99,999 residents	17 (9.1)	1,214 (8.7)	
<10,000 residents	14 (7.5)	1,242 (8.9)	
ED in physician's census subdivision	150 (80.6)	10,773 (77.3)	0.28
Location of medical school			
Canada	126 (67.7)	7,657 (54.9)	0.002 *
International	19 (10.2)	2,348 (16.8)	
Unknown	41 (22.0)	3,932 (28.2)	
Community-level marginalization in primary practice location ^{a,d}			
Residential instability	0.04 (0.22)	0.02 (0.21)	<.001 *
Material deprivation	-0.12 (0.29)	-0.12 (0.43)	0.23
Economic dependency	-0.16 (0.55)	-0.16 (0.55)	0.40
Ethnic diversity	-0.07 (0.93)	-0.07 (1.22)	0.005 *
Primary Care Practice Model			
Full-time affiliation with a patient enrolment model	105 (56.5)	9,109 (65.4)	0.01 *
Practice type			
Comprehensive	102 (54.8)	9,626 (69.1)	<.001 *
Focused	53 (28.5)	2,177 (15.6)	
Other or <44 days in practice	31 (16.7)	2,134 (15.3)	
Type of patient enrolment model			
Enhanced fee-for-service models			
Comprehensive Care Model or Family Health Group	11 (5.9)	2,870 (20.6)	<.001 *

Blended capitation models			
Family Health Network or Family Health Organization	32 (17.2)	2,899 (20.8)	
Blended salary model			
Family Health Team	53 (28.5)	2,852 (20.5)	
Other or no enrolment group	80 (43.0)	3,964 (28.4)	
Unknown	10 (5.4)	1,352 (9.7)	
>50% of payments attributed to fee-for-service	82 (44.1)	6,992 (50.2)	0.01 *
Total OHIP billings (\$) ^a	158,358 (145,410)	159,794 (158,266)	0.98
Primary Care Activities			
Billings attributed to core primary care services			
Over half of all billings	119 (64.0)	10,265 (73.7)	0.01 *
Less than half of all billings	44 (23.7)	2,324 (16.7)	
Unknown	23 (12.4)	1,348 (9.7)	
Count of patient visits ^a	2,574 (2,380)	3,006 (3,013)	0.008 *
Count of consultations ^a	75 (155)	2 (31)	<.001 *
Submitted billings for adults aged ≥65			
≥1 Care of the Elderly focused practice assessment (A967)	47 (25.3)	0 (0.0)	<.001 *
≥1 geriatric outpatient case conference (K703)	55 (29.6)	0 (0.0)	<.001 *
≥1 geriatric telephone support (K077)	20 (10.8)	0 (0.0)	<.001 *
≥1 geriatric home visit premium for first person seen (B988)	17 (9.1)	0 (0.0)	<.001 *
≥1 geriatric home visit travel premium (B986)	18 (9.7)	0 (0.0)	<.001 *
≥1 complex house call assessment (A900)	90 (48.4)	3,263 (23.4)	<.001 *
≥1 periodic health visit (K132)	93 (50.0)	8,406 (60.3)	0.004 *
≥1 home care application (K070)	109 (58.6)	5,198 (37.3)	<.001 *
≥1 completion of long-term care health report form (K038)	145 (78.0)	7,808 (56.0)	<.001 *
Most responsible physician in long-term care	82 (44.1)	1,418 (10.2)	<.001 *
Count of specialist referrals made ^a			
Total referrals			
To geriatric medicine	2 (10)	1 (5)	<.001 *
To psychiatry	20 (36)	28 (45)	0.004 *
Referrals for patients aged ≥65			
To psychiatry	6 (11)	2 (7)	<.001 *
Primary Care Patients			
Patients with a health services encounter ^a	720 (949)	1,273 (1,249)	<.001 *
	326 (271)	299 (315)	0.04 *

Total (any age)	195 (697)	705 (977)	<.001 *
Total aged ≥65	361 (477)	474 (936)	<.001 *
Rostered only (any age)			
Not rostered only (any age)			
Average age of patients, years ^a			
Rostered	57 (29)	44 (14)	<.001 *
Not rostered	61 (31)	44 (13)	<.001 *
Patients cared for aged ≥65 (%) ^a	46 (58)	23 (19)	<.001 *

FP=Family Physician; ED=Emergency Department; OHIP=Ontario Health Insurance Plan

^a Median and interquartile range are reported for continuous variables

^b < 10,000 population in census metropolitan area

^c Based on Census Metropolitan Area size

^d Based on Ontario Marginalization Index factor score