

Appendix 2 (as supplied by the authors): Results of multivariable logistic regression exploring odds of practice intentions (OR, 95% CI)

	Intend to provide comprehensive care to the same group of patients within first 3 years	Confident in ability	Comprehensive care - one clinical setting. (e.g. office)	Comprehensive care - multiple clinical settings	Comprehensive care that includes a special interest
Western Canada	0.18 (0.13, 0.25)	1.53 (0.95, 2.45)	1.32 (1.02, 1.71)	0.83 (0.61, 1.13)	1.13 (0.86, 1.48)
Atlantic Canada	0.07 (0.04, 0.12)	0.50 (0.24, 1.05)	0.74 (0.43, 1.27)	1.05 (0.50, 2.19)	1.34 (0.74, 2.43)
Quebec	0.14 (0.10, 0.20)	1.55 (0.86, 2.79)	1.37 (1.00, 1.87)	0.60 (0.42, 0.85)	0.91 (0.66, 1.25)
Physician characteristics					
Female (reference is male)	1.12 (0.89, 1.42)	1.12 (0.76, 1.65)	1.48 (1.19, 1.84)	1.14 (0.89, 1.47)	0.93 (0.74, 1.16)
Missing/prefer not to say	0.33 (0.15, 0.75)	0.27 (0.11, 0.66)	1.27 (0.60, 2.72)	0.96 (0.42, 2.22)	0.75 (0.36, 1.58)
IMG (reference is graduate of Canadian school)	3.26 (2.21, 4.81)	1.04 (0.59, 1.86)	1.87 (1.31, 2.67)	0.85 (0.59, 1.23)	1.04 (0.74, 1.45)
Missing/prefer not to say	0.30 (0.16, 0.56)	0.88 (0.26, 2.13)	1.22 (0.67, 2.20)	0.55 (0.30, 0.98)	1.09 (0.62, 1.92)
Age (reference is age <30)					
30-34	1.20 (0.92, 1.56)	0.76 (0.48, 1.21)	1.00 (0.78, 1.29)	0.87 (0.65, 1.18)	0.75 (0.58, 0.98)
35+	2.06 (1.37, 3.11)	0.54 (0.31, 0.94)	1.52 (1.05, 2.19)	0.75 (0.50, 1.11)	0.74 (0.52, 1.06)
Missing/prefer not to say	9.0 (2.21, 36.82)	2.23 (0.44, 11.2)	0.95 (0.34, 2.63)	1.44 (0.47, 4.44)	1.77 (0.61, 5.18)
Childhood environment (reference is inner city/urban/suburban)					
Small town	1.21 (0.88, 1.67)	1.07 (0.63, 1.81)	0.58 (0.44, 0.77)	1.40 (0.97, 1.95)	1.08 (0.80, 1.44)
Rural/remote/isolated	1.40 (0.98, 2.00)	0.86 (0.50, 1.46)	0.61 (0.45, 0.83)	2.38 (1.47, 3.83)	1.32 (0.94, 1.85)
Mixed	1.02 (0.61, 1.70)	1.34 (0.58, 3.05)	0.66 (0.42, 1.02)	0.99 (0.60, 1.61)	1.06 (0.68, 1.66)
Missing/prefer not to say	1.29 (0.34, 4.88)	1.05 (0.17, 6.52)	1.22 (0.33, 4.48)	0.69 (0.18, 2.57)	0.65 (0.19, 2.23)
Intention for rural practice					
Rural practice somewhat/highly likely (reference is neutral/unlikely)	1.06 (0.83, 1.35)	1.08 (0.72, 1.60)	0.51 (0.41, 0.64)	3.25 (2.50, 4.23)	1.74 (1.39, 2.17)
Missing/prefer not to say	0.11 (0.03, 0.47)	0.28 (0.06, 1.31)	0.88 (0.31, 2.48)	0.75 (0.24, 2.30)	0.90 (0.31, 2.63)

Note: Estimates significant at $p \leq 0.05$ are indicated in bold. Estimates for category capturing missing responses/"prefer not to answer" not shown.

Appendix 2 (continued). Results of multivariable logistic regression exploring odds of practice intentions (OR, 95% CI)

	Focused practice	Solo practice	Group physician practice	Interprofessional team-based practice	Practice that includes teaching
Region of residency (reference is Ontario)					
Western Canada	0.55 (0.42, 0.72)	2.53 (1.43, 4.48)	0.45 (0.23, 0.87)	0.35 (0.22, 0.56)	3.81 (2.77, 5.25)
Atlantic Canada	0.58 (0.32, 1.04)	2.63 (0.99, 6.96)	0.30 (0.10, 0.88)	0.46 (0.18, 1.15)	1.93 (1.01, 3.71)
Quebec	0.48 (0.35, 0.67)	3.09 (1.65, 5.78)	0.28 (0.14, 0.57)	0.26 (0.16, 0.44)	2.24 (1.57, 3.21)
Physician characteristics					
Female (reference is male)	0.72 (0.58, 0.90)	0.78 (0.53, 1.15)	2.48 (1.59, 3.85)	2.19 (1.60, 3.01)	1.09 (0.84, 1.41)
Missing/prefer not to say	0.94 (0.44, 2.04)	1.23 (0.43, 3.51)	0.25 (0.11, 0.60)	0.97 (0.39, 2.40)	0.34 (0.15, 0.76)
IMG (reference is graduate of Canadian school)	0.91 (0.64, 1.31)	1.50 (0.89, 2.54)	1.40 (0.71, 2.78)	1.04 (0.65, 1.65)	0.64 (0.44, 0.95)
Missing/prefer not to say	1.00 (0.57, 1.76)	4.81 (1.93, 11.98)	0.20 (0.07, 0.52)	0.31 (0.14, 0.69)	1.75 (0.94, 3.27)
Age (reference is age <30)					
30-34	0.95 (0.73, 1.23)	0.69 (0.43, 1.10)	1.09 (0.65, 1.84)	0.75 (0.52, 1.08)	1.01 (0.73, 1.39)
35+	0.71 (0.49, 1.03)	1.05 (0.59, 1.87)	0.92 (0.47, 1.80)	0.95 (0.57, 1.59)	0.65 (0.44, 0.96)
Missing/prefer not to say	0.75 (0.26, 2.15)	3.34 (0.74, 15.18)	0.88 (0.20, 3.79)	0.86 (0.22, 3.38)	1.23 (0.40, 3.84)
Childhood environment (reference is inner city/urban/suburban)					
Small town	0.95 (0.71, 1.28)	0.92 (0.53, 1.62)	0.54 (0.31, 0.93)	0.62 (0.41, 0.93)	0.93 (0.66, 1.30)
Rural/remote/isolated	0.84 (0.60, 1.17)	1.55 (0.91, 2.65)	0.71 (0.36, 1.42)	1.09 (0.63, 1.88)	1.19 (0.80, 1.77)
Mixed	1.81 (1.18, 2.79)	0.98 (0.43, 2.23)	0.44 (0.21, 0.93)	0.43 (0.24, 0.75)	1.16 (0.69, 1.94)
Missing/prefer not to say	0.91 (0.23, 3.59)	5.18 (1.39, 19.33)	0.90 (0.14, 5.59)	0.82 (0.16, 4.13)	2.11 (0.37, 12.16)
Intention for rural practice					
Rural practice somewhat/highly likely (reference is neutral/unlikely)	1.13 (0.90, 1.42)	1.28 (0.85, 1.93)	1.26 (0.79, 2.02)	1.41 (1.01, 1.97)	1.61 (1.24, 2.09)
Missing/prefer not to say	1.92 (0.67, 5.55)	0.15 (0.02, 0.93)	0.64 (0.25, 2.79)	1.24 (0.31, 4.94)	1.61 (1.24, 2.09)

Note: Estimates significant at $p \leq 0.05$ are indicated in bold. Estimates for category capturing missing responses/"prefer not to answer" not shown.

Appendix 2 (continued). Results of multivariable logistic regression exploring odds of practice intentions (OR, 95% CI)

	Care across the life cycle	Intrapartum care	Mental health care	Chronic disease management	Palliative care/end of life care
Region of residency (reference is Ontario)					
Western Canada	0.72 (0.45, 1.15)	1.83 (1.40, 2.40)	1.26 (0.84, 1.91)	1.08 (0.63, 1.83)	2.61 (1.99, 3.42)
Atlantic Canada	0.31 (0.14, 0.68)	1.48 (0.85, 2.58)	1.13 (0.45, 2.82)	0.54 (0.20, 1.45)	2.32 (1.26, 4.27)
Quebec	0.78 (0.44, 1.38)	1.50 (1.09, 2.07)	1.05 (0.64, 1.71)	0.86 (0.46, 1.61)	2.05 (1.49, 2.83)
Physician characteristics					
Female (reference is male)	1.96 (1.38, 2.80)	2.64 (2.10, 3.32)	1.80 (1.30, 2.50)	2.24 (1.48, 3.38)	0.84 (0.70, 1.06)
Missing/prefer not to say	0.36 (0.44, 1.38)	1.53 (0.71, 3.30)	0.40 (0.17, 0.93)	1.01 (0.30, 3.36)	0.65 (0.29, 1.44)
IMG (reference is graduate of Canadian school)	1.79 (0.98, 3.27)	0.96 (0.69, 1.34)	0.78 (0.48, 1.27)	1.82 (0.82, 4.05)	0.89 (0.63, 1.27)
Missing/prefer not to say	0.52 (0.23, 1.16)	1.41 (0.78, 2.54)	0.31 (0.16, 0.58)	0.24 (0.11, 0.50)	0.40 (0.21, 0.76)
Age (reference is age <30)					
30-34	0.99 (0.64, 1.55)	0.91 (0.70, 1.18)	0.88 (0.59, 1.32)	1.18 (0.71, 1.96)	1.04 (0.79, 1.37)
35+	0.64 (0.37, 1.10)	1.20 (0.84, 1.70)	0.70 (0.42, 1.14)	1.13 (0.57, 2.23)	0.83 (0.58, 1.20)
Missing/prefer not to say	0.48 (0.10, 2.27)	4.70 (1.09, 20.14)	0.19, 0.05, 0.80)	0.32 (0.06, 1.81)	0.39 (0.10, 1.51)
Childhood environment (reference is inner city/urban/suburban)					
Small town	1.05 (0.63, 1.75)	0.82 (0.61, 1.10)	0.87 (0.55, 1.37)	0.93 (0.52, 1.66)	1.39 (1.03, 1.89)
Rural/remote/isolated	0.83 (0.48, 1.45)	1.10 (0.81, 1.51)	0.82 (0.49, 1.37)	0.75 (0.40, 1.42)	1.43 (1.01, 2.02)
Mixed	0.62 (0.33, 1.17)	1.19 (0.76, 1.86)	0.64 (0.36, 1.15)	0.54 (0.26, 1.14)	0.99 (0.63, 1.57)
Missing/prefer not to say	5.05 (0.48, 53.6)	1.00 (0.29, 3.52)	1.49 (0.23, 9.62)	1.67 (0.15, 18.22)	0.56 (0.16, 1.93)
Intention for rural practice					
Rural practice somewhat/highly likely (reference is neutral/unlikely)	2.01 (1.37, 2.95)	1.82 (1.45, 2.28)	2.07 (1.46, 2.93)	1.89 (1.21, 2.95)	2.22 (1.77, 2.79)
Missing/prefer not to say	0.96 (0.18, 5.07)	0.25 (0.05, 1.15)	4.05 (0.82, 19.86)	2.87 (0.41, 20.05)	2.38 (0.56, 10.03)

Note: Estimates significant at $p \leq 0.05$ are indicated in bold. Estimates for category capturing missing responses/"prefer not to answer" not shown.

Appendix 2 (continued). Results of multivariable logistic regression exploring odds of practice intentions (OR, 95% CI)

	Office-based clinical procedures	In-hospital clinical procedures	Emergency departments	In-hospital	Care in the home
Region of residency (reference is Ontario)					
Western Canada	2.22 (1.55, 3.17)	1.51 (1.14, 2.00)	1.85 (1.39, 2.47)	1.07 (0.82, 1.41)	1.84 (1.41, 2.40)
Atlantic Canada	0.82 (0.42, 1.60)	0.84 (0.47, 1.51)	1.51 (0.85, 2.70)	1.37 (0.73, 2.58)	2.17 (1.26, 3.73)
Quebec	1.25 (0.84, 1.87)	0.96 (0.68, 1.35)	1.10 (0.78, 1.55)	0.59 (0.43, 0.82)	2.54 (1.86, 3.48)
Physician characteristics					
Female (reference is male)	1.25 (0.94, 1.66)	0.47 (0.37, 0.58)	0.40 (0.32, 0.51)	0.70 (0.56, 0.88)	1.07 (0.86, 1.32)
Missing/prefer not to say	0.68 (0.27, 1.69)	0.45 (0.20, 1.02)	0.49 (0.22, 1.12)	0.85 (0.37, 1.97)	0.85 (0.39, 1.87)
IMG (reference is graduate of Canadian school)	1.53 (0.93, 2.53)	0.70 (0.50, 1.00)	0.80 (0.56, 1.13)	0.98 (0.69, 1.38)	1.39 (1.01, 1.92)
Missing/prefer not to say	0.82 (0.44, 1.51)	2.66 (1.46, 4.86)	3.84 (2.09, 7.03)	0.22 (0.11, 0.43)	2.34 (1.33, 4.11)
Age (reference is age <30)					
30-34	1.08 (0.76, 1.53)	1.14 (0.87, 1.49)	1.07 (0.81, 1.41)	1.09 (0.83, 1.43)	0.94 (0.73, 1.21)
35+	0.83 (0.52, 1.31)	0.77 (0.53, 1.12)	0.82 (0.56, 1.19)	0.78 (0.54, 1.13)	0.96 (0.68, 1.36)
Missing/prefer not to say	0.30 (0.08, 1.20)	0.55 (0.11, 2.85)	0.47 (0.09, 2.48)	0.59 (0.15, 2.31)	0.13 (0.01, 1.14)
Childhood environment (reference is inner city/urban/suburban)					
Small town	1.36 (0.91, 2.03)	1.28 (0.95, 1.73)	1.53 (1.13, 2.07)	1.21 (0.89, 1.64)	1.21 (0.92, 1.61)
Rural/remote/isolated	1.00 (0.65, 1.54)	1.84 (1.33, 2.54)	1.57 (1.13, 2.18)	1.61 (1.13, 2.30)	1.35 (0.99, 1.84)
Mixed	0.89 (0.51, 1.55)	1.83 (1.15, 2.90)	1.64 (1.02, 2.63)	0.73 (0.46, 1.15)	0.99 (0.63, 1.54)
Missing/prefer not to say	2.10 (0.35, 12.55)	0.69 (0.16, 3.00)	0.46 (0.10, 2.07)	1.44 (0.37, 5.51)	2.52 (0.68, 9.33)
Intention for rural practice					
Rural practice somewhat/highly likely (reference is neutral/unlikely)	2.01 (1.50, 2.71)	4.63 (3.62, 5.90)	5.85 (4.57, 7.50)	3.96 (3.15, 4.98)	1.99 (1.60, 2.48)
Missing/prefer not to say	2.51 (0.56, 11.34)	6.00 (1.06, 33.88)	7.64 (1.31, 44.51)	2.22 (0.76, 1.35)	5.10 (0.54, 48.08)

Note: Estimates significant at $p \leq 0.05$ are indicated in bold. Estimates for category capturing missing responses/"prefer not to answer" not shown.

Appendix 2 (continued). Results of multivariable logistic regression exploring odds of practice intentions (OR, 95% CI)

	Long-term care facilities	Marginalized, disadvantaged and vulnerable	Rural populations	Elderly populations	First Nations
Region of residency (reference is Ontario)					
Western Canada	2.61 (2.00, 3.41)	4.22 (3.21, 5.55)	1.57 (1.21, 2.03)	1.15 (0.72, 1.83)	9.05 (6.62, 12.38)
Atlantic Canada	1.49 (0.86, 2.57)	2.99 (1.69, 5.28)	2.21 (1.23, 3.97)	1.07 (0.37, 3.06)	1.61 (0.89, 2.93)
Quebec	1.47 (1.07, 2.02)	2.06 (1.50, 2.83)	1.64 (1.20, 2.23)	1.02 (0.58, 1.80)	2.42 (1.69, 3.45)
Physician characteristics					
Female (reference is male)	0.93 (0.75, 1.16)	1.16 (0.92, 1.45)	0.82 (0.66, 1.02)	1.33 (0.91, 1.96)	0.98 (0.77, 1.25)
Missing/prefer not to say	1.05 (0.49, 2.26)	1.20 (0.52, 2.75)	0.86 (0.39, 1.88)	0.66 (0.23, 1.94)	1.17 (0.50, 2.76)
IMG (reference is graduate of Canadian school)	1.38 (1.00, 1.91)	1.02 (0.72, 1.45)	1.16 (0.82, 1.62)	1.57 (0.81, 3.04)	0.70 (0.49, 1.00)
Missing/prefer not to say	2.66 (1.51, 4.68)	0.62 (0.31, 1.24)	0.32 (0.16, 0.63)	0.09 (0.05, 0.17)	5.64 (3.06, 10.39)
Age (reference is age <30)					
30-34	0.87 (0.67, 1.12)	1.14 (0.88, 1.49)	1.37 (1.06, 1.77)	0.83 (0.53, 1.31)	0.99 (0.75, 1.31)
35+	1.14 (0.81, 1.61)	1.00 (0.69, 1.43)	1.13 (0.80, 1.60)	0.53 (0.30, 0.94)	1.00 (0.68, 1.47)
Missing/prefer not to say	0.37 (0.07, 1.85)	1.27 (0.31, 5.12)	0.67 (0.17, 2.58)	0.12 (0.03, 0.50)	1.42 (0.33, 6.05)
Childhood environment (reference is inner city/urban/suburban)					
Small town	1.08 (0.81, 1.44)	0.77 (0.57, 1.03)	2.17 (1.63, 2.89)	1.03 (0.59, 1.79)	0.92 (0.67, 1.27)
Rural/remote/isolated	1.20 (0.88, 1.64)	0.84 (0.60, 1.16)	5.00 (3.50, 7.15)	0.70 (0.39, 1.27)	1.18 (0.83, 1.68)
Mixed	0.87 (0.55, 1.36)	0.60 (0.38, 0.97)	1.59 (1.02, 2.48)	0.57 (0.29, 1.14)	1.21 (0.73, 2.01)
Missing/prefer not to say	0.74 (0.20, 2.70)	0.84 (0.24, 2.97)	0.95 (0.29, 3.18)	2.34 (0.20, 27.92)	1.44 (0.38, 5.53)
Intention for rural practice					
Rural practice somewhat/highly likely (reference is neutral/unlikely)	2.12 (1.70, 2.65)	3.27 (2.60, 4.12)	N/A	3.90 (2.55, 5.97)	4.88 (3.78, 6.31)
Missing/prefer not to say	0.27 (0.20, 0.36)	1.69 (0.38, 7.42)		6.66 (4.20, 10.56)	1.11 (0.23, 5.29)

Note: Estimates significant at $p \leq 0.05$ are indicated in bold. Estimates for category capturing missing responses/"prefer not to answer" not shown.