

SUPPLEMENTAL MATERIAL

APPENDIX A

Baseline characteristics of study population, by First Nations and CKD status

	Non-First Nations (N = 140,709)		First Nations (N = 6,574)	
	No CKD (N = 106,946)	CKD (N = 33,763)	No CKD (N = 5,710)	CKD (N = 864)
<b>Age in yrs, mean (SD)</b>	58.3 (14.4)	72.4 (11.5)	51.5 (13.3)	64.2 (12.0)
<b>Female, N (%)</b>	47,372 (44.3)	18,898 (56.0)	3,219 (56.4)	563 (65.2)
<b>eGFR ml/min/1.73 m<sup>2</sup>, mean (SD) *</b>	83.7 (17.2)	46.4 (11.1)	94.5 (22.7)	44.3 (13.5)
<b>Hypertension, N (%)</b>	60,192 (56.3)	28,795 (85.3)	2,713 (47.5)	686 (79.4)
<b>Charlson co-morbidity index, median (IQR)</b>	1 (1 - 2)	2 (1 - 3)	1 (1 - 2)	2 (1 - 4)
<b>Location of residence, N (%)</b>				
Urban	89,287 (83.5)	27,197 (80.6)	2,513 (44.0)	356 (41.2)
Rural	17,129 (16.0)	6,330 (18.8)	3,184 (55.8)	508 (58.8)
Unknown	530 (0.5)	236 (0.7)	13 (0.2)	0 (0)
<b>Income quintiles, N (%)</b>				
1 (lowest)	22,500 (21.0)	7,408 (21.9)	3,000 (52.5)	415 (48.0)
2	23,012 (21.5)	7,507 (22.2)	797 (14.0)	131 (15.2)
3	21,006 (19.6)	6,504 (19.3)	651 (11.4)	103 (11.9)
4	20,205 (18.9)	5,892 (17.5)	469 (8.2)	52 (6.0)
5 (highest)	17,738 (16.6)	5,279 (15.6)	453 (7.9)	86 (10.0)
Unknown	2,485 (2.3)	1,173 (3.5)	340 (6.0)	77 (8.9)
<b>Prior specialist care (nephrology or internal medicine), N (%)</b>	26,872 (25.1)	11,578 (34.3)	924 (16.2)	241 (27.9)

## APPENDIX B

### Proportion of Non-First Nations and First Nations People with diabetes who had assessment of quality indicators

	<b>Non-First Nations (N = 140,709)</b>	<b>First Nations (N = 6,574)</b>
<b>ACR, number (%)</b>	49,384 (35.1)	1,738 (26.4)
<b>LDL, number (%)</b>	73,274 (52.1)	2,491 (37.9)
<b>A1C, number (%)</b>	89,935 (63.9)	3,473 (52.8)

### Proportion of Non-First Nations and First Nations People with diabetes who achieved LDL target

	<b>Non-First Nations with LDL measured (N = 73,274)</b>	<b>First Nations with LDL measured (N = 2,491)</b>
<b>Mean LDL <math>\leq</math> 96.7 mg/dl, number (%)</b>	39,807 (54.3)	1,279 (51.3)

### Proportion of Non-First Nations and First Nations People with diabetes who achieved A1C target

	<b>Non-First Nations with A1C measured (N = 89,935)</b>	<b>First Nations with A1C measured (N = 3,473)</b>
<b>Mean A1C <math>\leq</math> 7%, number (%)</b>	45,725 (50.8)	1,504 (43.3)

## APPENDIX C

### Crude number and rate of ESRD per 1000 person-years, by First Nations and CKD status

	Non-First Nations N (%) of ESRD	Non-First Nations Crude rate (95% CI) per 1000 PY	First Nations N (%) of ESRD	First Nations Crude rate (95% CI) per 1000 PY
<b>No CKD</b>	167 (0.2)	0.41 (0.35 – 0.48)	20 (0.4)	0.94 (0.53 – 1.36)
<b>CKD</b>	971 (2.9)	8.04 (7.54 – 8.55)	104 (12.0)	35.93 (29.02 – 42.83)

### Crude numbers for ESRD, doubling of serum creatinine, and composite renal outcome, by First Nations and CKD status

	No CKD Non-First Nations (N = 106,946)	No CKD First Nations (N = 5,710)	CKD Non-First Nations (N = 33,763)	CKD First Nations (N = 864)
<b>ESRD, N (%)</b>	167 (0.2)	20 (0.4)	971 (2.9)	104 (12.0)
<b>Doubling serum creatinine, N (%)</b>	1,060 (1.0)	98 (1.7)	1,357 (4.0)	96 (11.1)
<b>Composite renal outcome, N (%)</b>	1,115 (1.0)	102 (1.8)	1,810 (5.4)	146 (16.9)