Appendix

Supplemental Table I. Codes used in the present analysis

Variable	Type	Codes
Coronary revascularization	*ICD-9*	36.0, 36.00, 36.01, 36.02, 36.05, 36.06, 36.07, 36.09, 36.10, 36.11, 36.12, 36.13, 36.14, 36.15, 36.16, 36.17, and 36.19
Coronary revascularization	*Current Procedure Terminology, Fourth Edition*	33510, 33511, 33512, 33513, 33514, 33516, 33517, 33518, 33519, 33521, 33522, 33523, 33530, 33533, 33534, 33535, 33536, 33572, 92973, 92980, 92981, 92982, 92984, 92995 and 92996
Acute coronary syndrome	*ICD-9*	Primary discharge code: 410.x1 or 411.x
		Primary discharge code 414.x and secondary discharge code 411.x

Supplemental Table II. Baseline demographic and other clinical characteristics in the full cohort, stratified by baseline eGFR category and initial revascularization with CABG versus PCI in patients with multivessel coronary disease

	eGFR ≥60 mL/min per 1.73 m^2		eGFR 45-59 mL/min per 1.73 m^2		eGFR <45 mL/min per 1.73 m^2	
	CABG	PCI	CABG	PCI	CABG	PCI
	n = 9722	n = 3679	n = 4162	n = 1511	n = 2335	n = 952
Demographics						
Mean (SD) age, y	63.5 (9.5)	61.8 (10.3)	70.5 (8.2)	70.6 (9.2)	72.3 (8.4)	74.6 (9.2)
Women, %	18.8	22.8	25.0	32.4	38.6	46.6
Race, %						
White	74.2	72.9	80.0	80.9	77.0	80.4
Black	5.8	5.1	3.9	3.6	5.4	4.1
Asian	11.8	11.9	10.3	7.9	10.9	8.6
Other/unknown	8.2	10.1	5.8	7.5	6.7	6.9
Hispanic ethnicity, %	12.5	14.2	10.8	11.0	13.1	12.9
Comorbid conditions, %						
Current or former smoker	33.4	35.7	29.7	32.2	29.9	31.3
MI on index presentation	18.8	30.6	17.9	30.8	22.1	34.1
Cardiovascular history						
Myocardial infarction	26.7	37.7	27.1	41.0	36.7	46.5
Unstable angina	29.3	22.3	28.9	22.2	29.4	22.8
Heart failure	4.8	3.6	7.3	10.9	18.5	20.7
Cerebrovascular disease	10.3	8.6	15.0	17.3	20.6	23.0
Stroke/transient ischemic attack	2.1	2.1	3.1	4.3	4.7	5.5
Peripheral arterial disease	3.7	2.6	5.2	4.4	9.5	6.9
Mitral and/or aortic valve disease	3.8	3.1	5.9	7.1	6.9	10.4
Rheumatic heart disease	0.1	0.1	0.1	0.1	0.3	0.3
Atrial fibrillation/flutter	4.8	5.2	8.1	9.8	9.4	13.0
Ventricular fibrillation/tachycardia	1.0	1.3	1.2	1.9	1.2	2.0
Other medical history, %						
Diabetes mellitus	37.8	35.2	35.2	32.8	46.5	45.2
Hypertension	52.5	56.6	62.4	70.2	76.0	82.9
Dyslipidemia	84.4	87.6	83.9	89.1	83.4	89.4
Dementia	0.4	0.5	0.5	1.8	0.6	1.4
Depression	8.2	12.6	9.0	13.3	9.3	17.8
Chronic liver disease	1.0	1.5	0.6	1.3	0.3	0.7
Chronic lung disease	14.8	17.5	15.9	20.9	18.8	23.9
Hyperthyroidism	0.6	0.6	0.4	0.9	0.7	1.1
Hypothyroidism	8.0	8.5	12.2	15.6	14.8	20.6
Systemic cancer	7.3	8.0	10.5	12.5	11.2	14.6
Hospitalized bleed	1.3	1.5	1.5	2.3	2.5	3.7
Arthritis	0.3	0.4	0.4	0.6	0.2	0.9

Supplemental Table II (*continued*)

	eGFR ≥60 mL/min per 1.73 m^2		eGFR 45-59 mL/min per 1.73 m^2		eGFR <45 mL/min per 1.73 m^2	
	CABG	**PCI**	**CABG**	**PCI**	**CABG**	**PCI**
	n = 9722	**n = 3679**	**n = 4162**	**n = 1511**	**n = 2335**	**n = 952**
Laboratory values, %						
Urinary dipstick protein excretion						
None	94.3	95.9	91.5	94.1	78.8	83.2
+1	3.6	2.5	4.7	2.9	7.5	6.9
+2	1.5	1.2	2.1	2.3	6.7	5.6
+3 or +4	0.7	0.4	1.8	0.7	7.0	4.3
Median (IQR) HDL, mg/dL,	41 (35-48)	42 (36-50)	42 (36-50)	43 (37-51)	41 (35-49)	43 (36-51)
Median (IQR) LDL, mg/dL,	121 (96-151)	115 (92-145)	115 (91-143)	110 (88-136)	110 (88-141)	103 (84-130)
Hemoglobin, g/L, mean (SD)	14.3 (1.4)	14.3 (1.5)	13.9 (1.5)	13.9 (1.6)	13.0 (1.7)	12.9 (1.7)
Medications						
Angiotensin-converting enzyme inhibitor	35.6	35.1	41.5	41.8	48.9	49.7
Angiotensin II receptor blocker	4.6	6.0	6.3	9.3	8.7	13.7
Aldosterone receptor antagonist	0.6	0.8	1.2	1.7	2.3	4.2
β-Blocker	57.7	51.0	61.9	58.0	64.8	63.4
Calcium-channel blocker	24.4	18.6	31.0	27.9	41.7	39.4
Diuretic	25.5	26.5	39.7	43.7	59.5	63.9
Hydralazine	0.7	0.8	1.6	2.4	6.3	8.6
Nitrates	34.5	22.3	40.1	29.5	46.0	34.5
α-Adrenergic receptor antagonist	9.4	8.5	13.7	14.7	18.9	19.6
Digoxin	3.8	2.9	5.7	5.5	8.3	8.2
Statins	48.0	49.8	50.9	55.9	53.9	61.1
Other lipid-lowering agent	6.1	6.0	5.7	5.9	7.5	6.9
Anti-inflammatory agent	18.3	19.9	18.9	20.4	17.3	17.3
Aspirin	7.3	5.8	8.1	6.6	11.3	7.9
Other antiplatelet agent	3.2	6.6	4.2	7.6	5.5	10.6
Diabetic therapy	30.3	27.2	28.6	25.3	38.6	37.1

All values are percentages, except where otherwise noted.