Appendix 3 (part 1 of 2): Baseline characteristics of patients with stable ischemic heart disease, by hospital revascularization ratio*

Characteristic	Hospital revascularization ratio; % of patients†				p value‡
	All n = 39 131	Low ratio n = 12 576	Medium ratio n = 12 370	High ratio n = 14 185	
Patient					
Demographic					
Age, yr, mean ± SD	66.0 ± 10.3	65.9 ± 10.4	65.7 ± 10.1	66.4 ± 10.4	< 0.001
Male sex	75.3	75.8	75.3	74.7	0.1
Rural	14.5	13.3	16.2	14.0	< 0.001
Income quintile					< 0.001
1 (lowest)	18.6	16.7	19.6	19.4	
2	20.4	19.4	20.4	21.5	
3	20.2	21.2	20.5	19.1	
4	20.7	21.1	20.7	20.3	
5 (highest)	20.1	21.7	18.8	19.7	
Medical comorbidities					
Peripheral vascular disease	9.4	9.0	9.1	10.0	0.010
Prior myocardial infarction	28.1	30.3	29.9	24.7	< 0.001
COPD	6.9	7.1	7.0	6.6	0.2
Charlson comorbidity score, mean ± SD	0.9 ± 1.3	0.8 ± 1.4	0.9 ± 1.3	0.9 ± 1.3	< 0.001
Cardiac risk factors					
Diabetes	44.0	44.8	45.0	42.3	< 0.001
Hypertension	86.7	87.1	86.8	86.3	0.1
Hyperlipidemia	80.8	79.4	81.3	81.7	< 0.001
History of smoking	31.6	34.6	34.1	26.6	< 0.001
Cardiac status/testing					
Native stenosis§					
Left main coronary artery	13.0	13.1	12.1	13.8	< 0.001
Proximal left anterior descending coronary artery	33.2	30.6	35.8	33.1	< 0.001
Mid or distal left anterior descending coronary artery	49.6	53.6	41.4	53.3	< 0.001
Circumflex artery	51.5	53.5	49.4	51.6	< 0.001
Right coronary artery	60.8	60.6	60.2	61.4	0.1
Prior CABG					< 0.001
Yes	18.0	18.8	18.3	17.0	
No	81.9	81.2	81.4	83.0	
Unknown	0.1	0.0	0.3	0.0	
Vessel disease					< 0.001
1 vessel	38.9	38.0	40.0	38.7	
2 vessels	25.8	25.8	26.5	25.3	
3 vessels	34.5	35.7	31.9	35.7	
Missing data	0.8	0.5	1.6	0.3	
Left ventricular function					< 0.001
≤ 34%	5.4	6.3	5.3	4.7	
35%–49%	12.9	15.2	13.5	10.5	
≥ 50%	48.6	52.9	53.4	40.7	
Not done	33.0	25.7	27.8	44.1	

Appendix 3 (part 2 of 2): Baseline characteristics of patients with stable ischemic heart disease, by hospital revascularization ratio*

Characteristic	Hospital revascularization ratio; % of patients†				p value‡
	All n = 39 131	Low ratio n = 12 576	Medium ratio n = 12 370	High ratio n = 14 185	
Exercise ECG risk					< 0.001
High risk	27.7	25.0	29.3	28.6	
Low risk	22.4	28.0	23.3	16.8	
Uninterpretable	4.9	5.4	4.9	4.4	
Not done	45.0	41.6	42.5	50.2	
Functional imaging risk					< 0.001
High risk	32.0	31.0	34.6	30.8	
Low risk	23.0	27.4	23.1	19.1	
Not done	44.9	41.6	42.3	50.1	
CCS class					< 0.001
0	16.5	20.5	17.6	12.0	
1	14.0	19.8	10.8	11.6	
2	38.3	33.6	41.6	39.4	
3	28.5	24.2	28.0	32.7	
4	2.8	1.9	1.9	4.3	
Physician¶					
Age, yr, mean ± SD	48.3 ± 9.1	48.6 ± 8.0	48.9 ± 9.6	47.42 ± 9.4	< 0.001
Sex					< 0.001
Female	3.7	3.7	1.9	5.3	
Male	94.7	94.9	96.4	93.1	
Unknown	1.5	1.4	1.6	1.5	
Years since graduation, mean ± SD	23.4 ± 9.3	23.4 ± 8.2	24.2 ± 10.0	22.6 ± 9.5	< 0.001
Total consultations billed per year, mean ± SD	856.5 ± 424.7	946.5 ± 478.9	824.3 ± 328.3	804.7 ± 435.2	< 0.001
Total visits billed per year, mean ± SD	2613.9 ± 1730.7	3066.3 ± 2104.1	2853.4 ± 1503.1	2003.8 ± 1327.4	< 0.001
Hospital					
Annual catheterization volume, mean ± SD	4092.3 ± 1696.4	3875.2 ± 1487.7	3494.9 ± 1012.6	4805.8 ± 2054.4	< 0.001
Hospital type					< 0.001
Catheterization only	13.2	12.6	12.2	14.6	
PCI and catheterization only	6.1	18.8	0.0	0.0	
CABG, PCI and catheterization	80.8	68.6	87.8	85.4	

Note: CABG = coronary artery bypass grafting, CCS = Canadian Cardiovascular Society, COPD = chronic obstructive pulmonary disease, ECG = electrocardiogram, PCI = percutaneous coronary intervention, SD = standard deviation.
*Revascularization-to-medical therapy ratio.
†Unless stated otherwise.
‡We assessed differences in baseline characteristics between initial treatment strategy and hospital revascularization ratio strata using the χ^2 test for categorical variables and analysis of variance for continuous variables.
§Significant stenosis ≥ 70% (≥ 50% in left main coronary artery).
¶Procedural physician.