

**Appendix 4: Procedure rates, repeat events and resource use within 1 year following index emergency department visit among patients admitted to hospital\***

Variable	Acute myocardial infarction			Unstable angina			Stable angina			Chest pain		
	Men	Women	p value	Men	Women	p value	Men	Women	p value	Men	Women	p value
No. admitted to hospital†	4066	1672		4002	2472		1477	1083		3796	2959	
Cardiac catheterization	57.4	46.4	< 0.01	54.5	43.6	< 0.01	38.5	27.8	< 0.01	23.7	15.0	< 0.01
Percutaneous coronary intervention	39.1	30.0	< 0.01	23.2	13.3	< 0.01	16.7	7.9	< 0.01	9.8	4.9	< 0.01
Coronary artery bypass graft surgery	11.9	7.2	< 0.01	14.5	7.3	< 0.01	10.8	4.5	< 0.01	4.4	1.5	< 0.01
Repeat myocardial infarction‡	28.5	21.2	< 0.01	8.5	4.7	< 0.01	7.5	4.2	< 0.01	7.1	2.8	< 0.01
No. of days to repeat myocardial infarction, median	29.0	25.0	0.21	27.0	34.0	0.37	24.0	49.0	0.03	15.0	12.0	0.96
Readmission rate at 1 yr	44.1	46.4	0.12	43.8	38.5	< 0.01	49.8	48.9	0.69	47.4	51.0	< 0.01
No. of readmissions per patient, mean§												
All	0.8	0.9	< 0.01	0.8	0.7	< 0.01	1.0	1.0	0.67	1.0	1.1	< 0.01
Cardiac related	0.7	0.8	< 0.01	0.7	0.6	< 0.01	0.8	0.7	0.63	0.5	0.5	0.98
No. of repeat visits to emergency department per patient,§ mean												
All	2.6	2.8	0.01	2.7	2.6	0.42	3.4	3.5	0.51	4.0	4.8	< 0.01
Cardiac related	1.8	1.8	0.07	1.7	1.7	0.75	2.0	2.0	0.81	1.8	1.8	0.83

\*Values shown are percentages of patients unless stated otherwise.

†Patients admitted to an acute care facility within 48 hours after index emergency department visit.

‡Repeat visit to the emergency department with a primary diagnosis of myocardial infarction.

§Mean number of readmissions per patient among those who were readmitted.

§All patients had at least 1 repeat visit within the year after their index visit.