

Appendix 6: Outcome Indicators

Selected outcomes that were considered to be important indicators of the quality of AMI care follow. These outcomes were considered to be potentially modifiable by improvements in the structure and process of care. Attempts were made to harmonize codes used for the purpose of disease identification via various Canadian administrative databases. Thus, both Canadian Classification of Diagnostic, Therapeutic and Surgical Procedures (CCP) codes and International Classification of Disease codes, 9th revision (ICD-9) have been listed for coronary angiography, PCI and CABG.

1.0 IN-HOSPITAL MORTALITY	
ELIGIBLE	1) All patients who suffered an AMI
EXCLUSION	1) Administrative data unavailable
STATISTIC	% of AMI patients who died in-hospital

2.0 30-DAY MORTALITY	
ELIGIBLE	1) All patients who suffered an AMI
EXCLUSIONS	1) Administrative data unavailable
STATISTIC	% of AMI patients who died within 30 days after hospital admission

3.0 1-YEAR MORTALITY	
ELIGIBLE	1) All patients who suffered an AMI
EXCLUSIONS	1) Administrative data unavailable
STATISTIC	% of AMI patients who died within 1 year after hospital admission

4.0 AMI (ICD-9 code 410.x) READMISSION RATE AT 30 DAYS POST-DISCHARGE	
ELIGIBLE	1) All hospitalized AMI patients discharged alive
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for an AMI within 30 days of hospital discharge

Appendix 6 (continued): Outcome Indicators

5.0 AMI (ICD-9 code 410.x) READMISSION RATE AT 90 DAYS POST-DISCHARGE	
ELIGIBLE	1) All hospitalized AMI patients discharged alive
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for an AMI within 90 days of hospital discharge

6.0 CHF (ICD-9 code 428.x) READMISSION RATE AT 30 DAYS POST-DISCHARGE	
ELIGIBLE	1) All AMI patients alive at 30 days post-discharge
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for CHF within 30 days of hospital discharge

7.0 CHF (ICD-9 code 428.x) READMISSION RATE AT 1 YEAR POST-DISCHARGE	
ELIGIBLE	1) All AMI patients alive at hospital discharge
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for CHF within 1 year post-discharge

8.0 UNSTABLE ANGINA (ICD-9 code 411.0 or 413.0) READMISSION RATE AT 30 DAYS POST-DISCHARGE	
ELIGIBLE	1) All AMI patients alive at hospital discharge
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for unstable angina within 30 days of hospital discharge

Appendix 6 (continued): Outcome Indicators

9.0 UNSTABLE ANGINA (ICD-9 code 411.0 or 413.0) READMISSION RATE AT 1 YEAR POST-DISCHARGE	
ELIGIBLE	1) All AMI patients alive at hospital discharge
EXCLUSIONS (i.e., these readmissions are not included)	1) Readmission for elective coronary angiography (CCP/ICD-9 code 489.2 – 489.8, 499.6, 499.7), PCI (CCP/ICD-9 code 48.02, 48.03, 48.09 or 480.2, 480.3, 480.9), or CABG (CCP/ICD-9 code 48.1 or 481.0 – 481.9)
	2) Patient transferred from another institution
	3) Patient admitted to a non-cardiac surgical service
	4) Patient with admission coded as in-hospital complication
STATISTIC	Percentage of AMI patients readmitted for unstable angina within 1 year of hospital discharge