

Appendix 4B: Inpatient Process Indicators (Nonpharmacological)

The panel members considered the following inpatient process of care indicators (non-pharmacological) to be important quality measures. However, there are some concerns regarding the potentially small sample sizes related to indicator number 1.0, reperfusion with PCI, and its subsequent effect on the interpretation of the results. As well, coronary angiography will be measured as a test indicator.

1.0 REPERFUSION USING PCI	
ELIGIBLE	1) AMI as proposed by European/ACC criteria for AMI: i) ST segment elevation on initial ECG ii) LBBB on initial ECG
EXCLUSION	1) Did not have chest pain or other AMI symptoms <12h prior to hospital arrival 2) Physician documented reason for non-use of PCI procedure Examples: patient refusal 3) Suspected aortic dissection 4) Use of thrombolytics
STATISTIC	% of AMI patients who received PCI

2.0 MEDIAN TIME FROM DOOR TO 1 ST BALLOON INFLATION IN PRIMARY PCI	
ELIGIBLE	1) Received primary PCI within 12 hours of admission
EXCLUSIONS	1) None
STATISTIC	Median time to 1 st balloon inflation (minutes)

3.0 CORONARY ANGIOGRAPHY IN-HOSPITAL OR REFERRAL FOR ANGIOGRAPHY (TEST INDICATOR)	
ELIGIBLE	1) All AMI patients post-infraction with: i) recurrent ischemia (chest pain \geq 20 minutes at rest) ii) high-risk stress test Definition: positive within first 3 minutes of standard Bruce protocol (\leq 7 METS) iii) Shock iv) Mechanical complications Examples: acute MR, VSD
EXCLUSION	1) Hepatic failure 2) Metastatic cancer 3) Terminal Illness 4) Do not resuscitate order 5) Severe neurological deficit (e.g. decorticate or decerebrate posturing or lack of motor response) 6) Physician documented reason for non-use of angiography Example: patient refusal
STATISTIC	% AMI patients who received coronary angiography in-hospital or were referred for coronary angiography

**Appendix 4B (continued): Inpatient Process Indicators
(Nonpharmacological)**

4.0 MEDIAN LENGTH OF STAY IN ED	
ELIGIBLE	1) All AMI patients admitted to hospital ED
EXCLUSIONS	1) Administrative data unavailable
STATISTIC	Median time (in hours) in ED

5.0 MEDIAN LENGTH OF STAY IN CCU/ICU	
ELIGIBLE	1) All AMI patients admitted to CCU/ICU
EXCLUSION	1) Administrative data unavailable
STATISTIC	Number of days in CCU/ICU

6.0 MEDIAN LENGTH OF STAY IN-HOSPITAL	
ELIGIBLE	1) All AMI patients admitted to hospital
EXCLUSION	1) Administrative data unavailable
STATISTIC	Number of days in hospital
	2) Physician documentation of reason for no discharge instruction Example: language barrier
STATISTIC	% of eligible CHF patients with documented instructions