

Appendix C: Detailed Quality Standards

Please note that three of the quality measures refer to specific results or scores and therefore have no numerator or denominator.

	Numerator	Denominator	Registry
1. Standards for appropriateness			
a	Number of CABG patients receiving formal shared decision-making decision aids pre-operatively	Total number of CABG patients	Clinic-Specific
b	Number of CABG patients with documented patient-reported measures of quality of life and heart-related function prior to surgery – the Seattle Angina Questionnaire-7 and PROMIS-10 Global Health tools	Total number of CABG patients	Clinic-Specific
c	Results of measures from 1b, including responses to all questions of the Seattle Angina Questionnaire-7 and questions regarding everyday physical activities (Question Global 6) on the PROMIS-10 survey		Clinic-Specific
2. Standards for evidence-based surgery			
a	Number of CABG patients receiving prolonged intubation: Post-op vent hours >24	Total number of CABG patients	COAP
b	Number of CABG patients receiving RBC Transfusion: Any intra- or post-op RBC units	Total number of CABG patients	COAP
c	Number of CABG patients with long length of stay: surgery – discharge >14 days	Total number of CABG patients	COAP
3. Standards for ensuring rapid return to function			
a	Number of CABG patients with documented cardiac rehabilitation including early ambulation following surgery and prescriptive exercise training	Total number of CABG patients	COAP
b	Number of CABG patients for which there are documented patient-reported measures of quality of life and cardiovascular function six months following surgery – the same measures should be used as in standard 1b	Total number of CABG patients	Clinic-Specific
c	Change in results of measures from 2b prior to surgery, and post-surgery at three, six, and twelve months, specifically including the responses to the questions identified in standard 1c		Clinic-Specific

4. Standards for the patient care experience			
a	Number of CABG patients surveyed using HCAHPS	Total number of CABG patients	Clinic-Specific
b	Results of measures from 4a, specifically including responses to Q6 and Q22 if HCAHPS is used		Clinic-Specific
5. Standards for patient safety and affordability			
a	Number of CABG patients readmitted to the hospital 30 days post discharge, all-cause	Total number of CABG patients	COAP
b	Number of CABG patients readmitted to the hospital 30 days post discharge with any of the complications included under the terms of the warranty	Total number of CABG patients	Clinic-Specific
c	Number of patient deaths during hospitalization	Total number of CABG patients	COAP
d	Number of CABG patients with post-operative stroke: intra- or post-procedure CVA defined as loss of neurologic function caused by ischemic event with residual symptoms lasting >72 hours after onset.	Total number of CABG patients	COAP
e	Number of CABG patients with new onset renal failure: Patients (without pre-existing renal failure) who develop post-operative renal failure or require dialysis.	Total number of CABG patients	COAP
f	Number of CABG patients who return to OR for bleeding/tamponade; graft occlusion; other cardiac; other non-cardiac; valve dysfunction	Total number of CABG patients	COAP
g	Number of CABG patients with a new requirement for dialysis: New requirement for dialysis post-procedure whether temporary or ongoing.	Total number of CABG patients	COAP
h	Number of CABG patients with deep sternal wound infection: Patients who develop post-operative DSWI/mediastinitis	Total number of CABG patients	COAP