

Summary of Written Feedback on MCSQI Suggested Additions to Cardiac Surgery Definition

ADDITIONS:		Recommendations for Inclusion in Cardiac Surgery Definition (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.									
ICD-9 Code	ICD-9 Long Description	MCSQI	FMH	Meritus	MedStar	WAH	PRMC	Mercy	WMHS	SGAH	AAMC
35.05	Endovascular replacement of aortic valve	Y			Y	Y	Y		Y		
35.06	Transapical replacement of aortic valve	Y			Y	Y	Y		Y		
35.08	Transapical replacement of pulmonary valve	Y			Y	Y	N		Y		
35.09	Endovascular replacement of unspecified heart valve (transapical approach only)	Y*			Y*	Y	Y		Y		
35.55	Repair of endocardial cushion defect with prosthesis	Y			Y	Y	Y		Y		
36.20	Heart revascularization by arterial implant	Y			Y	Y	Y		Y		
37.25	Biopsy of heart	Y*			Y*	Y	Y	N	N		
37.31	Pericardiectomy	Y		N	Y	Y	Y		Y		
37.36	Excision, destruction, or exclusion of left atrial appendage (LAA)	Y			Y	Y	Y		Y		
37.41	Implantation of prosthetic cardiac support device around the heart	Y			Y	Y	Y		Y		
37.51	Heart transplantation	Y			Y	Y	Y		N		
37.52	Implantation of total internal biventricular heart replacement system	Y			Y	Y	Y		Y		
37.53	Replacement or repair of thoracic unit of (total) replacement heart system	Y			Y	Y	Y		Y		

ADDITIONS:		Recommendations for Inclusion in Cardiac Surgery Definition (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.									
ICD-9 Code	ICD-9 Long Description	MCSQI	FMH	Meritus	MedStar	WAH	PRMC	Mercy	WMHS	SGAH	AAMC
37.54	Replacement or repair of other implantable component of (total) replacement heart system	Y			Y	Y	Y		Y		
37.55	Removal of internal biventricular heart replacement system	Y			Y	Y	Y		Y		
37.60	Implantation or insertion of biventricular external heart assist system	Y			Y	Y	Y		Y		
37.63	Repair of heart assist system	Y			Y	Y	Y		Y		
37.64	Removal of external heart assist system(s) or device(s)	Y		N	Y	Y	Y		Y		
37.65	Implant of single ventricular (extracorporeal) external heart assist system	Y			Y	Y	Y		Y		
37.66	Insertion of implantable heart assist system	Y			Y	Y	Y		Y		
37.67	Implantation of cardiomyostimulation system	Y			Y	Y	Y		Y		
37.68	Insertion of percutaneous external heart assist device	Y			Y	Y	Y		Y	N*	
37.74	Insertion or replacement of epicardial lead [electrode] into epicardium	Y			Y	Y	Y		Y		
37.99	Other operations on heart and pericardium	Y		N	Y	Y	Y		Y		
39.61	Extracorporeal circulation auxiliary to open heart surgery	Y			Y	Y	Y		Y		
39.65	Extracorporeal membrane oxygenation [ECMO]	Y			Y	Y	Y		Y		

ADDITIONS:		Recommendations for Inclusion in Cardiac Surgery Definition (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.									
ICD-9 Code	ICD-9 Long Description	MCSQI	FMH	Meritus	MedStar	WAH	PRMC	Mercy	WMHS	SGAH	AAMC
38.05	Incision of vessel, other thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		
38.15	Endarterectomy, other thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		
38.35	Resection of vessel with anastomosis, other thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		
38.45	Resection of vessel with replacement, thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		
38.65	Other excision of vessels, thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		
38.85	Other surgical occlusion of vessels, thoracic vessels (count only when performed in conjunction with code 39.61)	Y*			Y*	Y	Y		Y		

Summary of Written Feedback on MCSQI Suggested Deletions to Cardiac Surgery Definition

ICD-9 Code	ICD-9 Long Description	Recommendations on Exclusion from Cardiac Surgery Definition (Y/N).									
		If blank, no feedback was provided. If Y* or N* then refer to notes.									
		MCSQI	FMH	Meritus	MedStar	WAH	PRMC	Mercy	WMHS	SGAH	AAMC
35.00	Closed heart valvotomy, unspecified valve	Y*			Y*	N			Y		
35.01	Closed heart valvotomy, aortic valve	Y*			Y*	N			Y		
35.02	Closed heart valvotomy, mitral valve	Y*			Y*	N			Y		
35.03	Closed heart valvotomy, pulmonary valve	Y*			Y*	N			Y		
35.04	Closed heart valvotomy, tricuspid valve	Y*			Y*	N			Y		
35.07	Endovascular replacement of pulmonary valve	Y*			Y*	N			Y		
35.09	Endovascular replacement of unspecified heart valve (percutaneous approach)	Y*			Y*	N			Y		
35.52	Repair of atrial septal defect with prosthesis, closed technique	Y*			Y*	N			Y		
35.96	Percutaneous balloon valvuloplasty	Y*			Y*	N			Y		
35.97	Percutaneous mitral valve repair with implant	Y*			Y*	N			Y		
36.32	Other transmyocardial revascularization	Y*			Y*	N			Y		
37.90	Insertion of left atrial appendage device	Y			Y	N			Y		
37.93	Injection of therapeutic substance into pericardium	Y*			Y*	N			Y		

Summary of Written Feedback on Cardiac Procedures to Count for Volume

ICD-9 Code	ICD-9 Long Description	MHCC Currently Counts for Volume		MedStar	Recommendations for Inclusion in Volume Counts (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.						
		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
35.00	Closed heart valvotomy, unspecified valve		X			N		N	N	N	N
35.01	Closed heart valvotomy, aortic valve		X			N		N	N	N	N
35.02	Closed heart valvotomy, mitral valve		X			N		N	N	N	N
35.03	Closed heart valvotomy, pulmonary valve		X			N		N	N	N	N
35.04	Closed heart valvotomy, tricuspid valve		X			N		N	N	N	N
35.05	Endovascular replacement of aortic valve		X	N*		N		N	N	Y	Y
35.06	Transapical replacement of aortic valve		X			N		N	Y	Y	Y
35.07	Endovascular replacement of pulmonary valve		X			N		N	N	N	N
35.08	Transapical replacement of pulmonary valve		X			N		N	Y	Y	Y
35.09	Endovascular replacement of unspecified heart valve		X			N		N	N	Y*	N
35.10	Open heart valvuloplasty w/o replacement, unspecified valve	X				Y		Y	Y	Y	Y
35.11	Open heart valvuloplasty of aortic valve w/o replacement	X				Y		Y	Y	Y	Y
35.12	Open heart valvuloplasty of mitral valve w/o replacement	X				Y		Y	Y	Y	Y
35.13	Open heart valvuloplasty of pulmonary valve w/o replacement	X						Y	Y	Y	Y
35.14	Open heart valvuloplasty of tricuspid valve w/o replacement	X				Y		Y	Y	Y	Y

ICD-9 Code	ICD-9 Long Description	MHCC Currently Counts for Volume		MedStar	Recommendations for Inclusion in Volume Counts (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.						
		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
35.20	Open & other replacement of unspecified heart valve	X				Y		Y	Y	Y	Y
35.21	Open & other replacement of aortic valve w/tissue graft	X				Y		Y	Y	Y	Y
35.22	Open & other replacement of aortic valve	X				Y		Y	Y	Y	Y
35.23	Open & other replacement of mitral valve w/tissue graft	X				Y		Y	Y	Y	Y
35.24	Open & other replacement of mitral valve	X				Y		Y	Y	Y	Y
35.25	Open & other replacement of pulmonary valve w/tissue graft	X				Y		Y	Y	Y	Y
35.26	Open & other replacement of pulmonary valve	X				Y		Y	Y	Y	Y
35.27	Open & other replacement of tricuspid valve w/tissue graft	X				Y		Y	Y	Y	Y
35.28	Open & other replacement of tricuspid valve	X				Y		Y	Y	Y	Y
35.31	Operations on papillary muscle	X				Y		Y	Y	Y	Y
35.32	Operations on chordae tendineae	X				Y		Y	Y	Y	Y
35.33	Annnuloplasty	X				Y		Y	Y	Y	Y
35.34	Infundibulectomy	X				Y		Y	Y	Y	Y
35.35	Operations on trabeculae carneae cordis	X				Y		Y	Y	Y	Y
35.39	Operations on other structures adjacent to valves of heart	X				Y		Y	Y	Y	Y
35.41	Enlargement of existing atrial septal defect	X				Y		Y	Y	Y	Y
35.42	Creation of septal defect in heart	X				Y		Y	Y	Y	Y

ICD-9 Code	ICD-9 Long Description	MHCC Currently Counts for Volume		MedStar	Recommendations for Inclusion in Volume Counts (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.						
		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
35.50	Repair of unspecified septal defect of heart w/prosthesis	X				Y		Y	Y	Y	Y
35.51	Repair of atrial septal defect w/prosthesis, open technique	X				Y		Y	Y	Y	Y
35.52	Repair of atrial septal defect with prosthesis, closed technique		X			N		Y	Y	N	N
35.53	Repair of ventricular septal defect w/prosthesis, open technique	X						Y	Y	Y	Y
35.54	Repair of endocardial cushion defect w/prosthesis	X				Y		Y	Y	Y	Y
35.55	Repair of endocardial cushion defect with prosthesis		X			N		Y	Y	Y	Y
35.60	Repair of unspecified septal defect of heart w/tissue graft	X				Y		Y	Y	Y	Y
35.61	Repair of atrial septal defect with tissue graft	X				Y		Y	Y	Y	Y
35.62	Repair of ventricular septal defect with tissue graft	X				Y		Y	Y	Y	Y
35.63	Repair of endocardial cushion defect with tissue graft	X				Y		Y	Y	Y	Y
35.70	Other and unspecified repair of unspecified septal defect of heart	X				Y		Y	Y	Y	Y
35.71	Other and unspecified repair of atrial septal defect	X				Y		Y	Y	Y	Y
35.72	Other and unspecified repair of ventricular septal defect	X				Y		Y	Y	Y	Y
35.73	Other and unspecified repair of endocardial cushion defect	X				Y		Y	Y	Y	Y
35.81	Total repair of tetralogy of Fallot	X				Y		Y	Y	Y	Y

ICD-9 Code	ICD-9 Long Description	MHCC Currently Counts for Volume		MedStar	Recommendations for Inclusion in Volume Counts (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.						
		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
35.82	Total repair of total anomalous pulmonary venous conection	X				Y		Y	Y	Y	Y
35.83	Total repair of truncous arteriosus	X				Y		Y	Y	Y	Y
35.84	Total correction of transposition of great vessles, not elsewhere classifiable	X				Y		Y	Y	Y	Y
35.91	Interatrial transposition of venous return	X				Y		Y	Y	Y	Y
35.92	Creation of conduit b/w right ventricle and pulmonary artery	X				Y		Y	Y	Y	Y
35.93	Creation of conduit b/w left ventricle and aorta	X				Y		Y	Y	Y	Y
35.94	Creation of conduit b/w atrium and pulmonary artery	X				Y		Y	Y	Y	Y
35.95	Revision of corrective procedue onheart	X				Y		Y	Y	Y	Y
35.96	Percutaneous balloon valvuloplasty		X			N		N	N	N	N
35.97	Percutaneous mitral valve repair with implant		X			N		N	N	N	N
35.98	Other operations on speta of heart	X				Y		Y	Y	Y	Y
35.99	Other operations on valves of heart	X				Y		Y	Y	Y	Y
36.03	Open chest coronary artery angioplasty	X				Y		Y	Y	Y	Y
36.10	Aortocoronoary bpass for heart revascularization, not otherwise specified	X				Y		Y	Y	Y	Y
36.11	(Aorto)coronary bypass of one coronary artery	X				Y		Y	Y	Y	Y
36.12	(Aorto)coronary bypass of two coronary arteries	X				Y		Y	Y	Y	Y

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		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
36.13	(Aorto)coronary bypass of three coronary arteries	X				Y		Y	Y	Y	Y
36.14	(Aorto)coronary bypass of four or more coronary arteries	X				Y		Y	Y	Y	Y
36.15	Single internal mammary-coronary artery bypass	X				Y		Y	Y	Y	Y
36.16	Double internal mammary-coronary artery bypass	X				Y		Y	Y	Y	Y
36.17	Abdominal-coronary artery bypass	X				Y		Y	Y	Y	Y
36.18	[not listed in current ICD Procedure codes - possibly deprecated]										
36.19	Other bypass anastomosis for heart revascularization	X				Y		Y	Y	Y	Y
36.20	Heart revascularization by arterial implant		X					Y	Y	Y	Y
36.31	Open chest transmyocardial revascularization	X						Y	Y	Y	Y
36.32	Other transmyocardial revascularization		X				N	Y		N	N
36.39	Other heart revascularization	X					Y	Y	Y	Y	Y
36.91	Repair of aneurysm of coronary vessel	X					Y	Y	Y	Y	Y
36.99	Other operations on vessels of heart	X					Y	Y	N	Y	Y
37.10	Incision of heart, not otherwise specified	X					Y	Y	Y	Y	Y
37.11	Cardiotomy	X					Y	Y	Y	Y	Y
37.25	Biopsy of heart		X				N	N	N	N	N
37.31	Pericardiectomy		X				N	N	Y	Y	N
37.32	Excision of aneurysm of heart	X					Y	Y		Y	Y

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		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
37.33	Excision or destruction of other lesion or tissue of heart, open approach	X				Y		Y	Y	Y	Y
37.35	Partial ventriculectomy	X				Y		Y	Y	Y	Y
37.36	Excision, destruction, or exclusion of left atrial appendage (LAA)		X			N		Y	N	Y	Y
37.37	Excision or destruction of other lesion or tissue of heart, thoracoscopic approach	X				Y		Y	Y	Y	Y
37.41	Implantation of prosthetic cardiac support device around the heart		X			N		N	Y	Y	Y
37.51	Heart transplantation		X			N		Y	Y	N	Y
37.52	Implantation of total internal biventricular heart replacement system		X			N		Y	Y	Y	Y
37.53	Replacement or repair of thoracic unit of (total) replacement heart system		X			N		Y	Y	Y	Y
37.54	Replacement or repair of other implantable component of (total) replacement heart system		X			N		Y	Y	Y	Y
37.55	Removal of internal biventricular heart replacement system		X			N		N	Y	Y	Y
37.60	Implantation or insertion of biventricular external heart assist system		X			N		Y	Y	Y	Y
37.63	Repair of heart assist system		X			N		Y		Y	Y
37.64	Removal of external heart assist system(s) or device(s)		X			N		N	Y	Y	Y

ICD-9 Code	ICD-9 Long Description	MHCC Currently Counts for Volume		MedStar	Recommendations for Inclusion in Volume Counts (Y/N). If blank, no feedback was provided. If Y* or N* then refer to notes.						
		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
37.65	Implant of single ventricular (extracorporeal) external heart assist system		X			N		N		Y	Y
37.66	Insertion of implantable heart assist system		X			N		Y	Y	Y	Y
37.67	Implantation of cardiomyostimulation system		X			N		N	N	Y	Y
37.68	Insertion of percutaneous external heart assist device		X		N*				N	Y	Y
37.74	Insertion or replacement of epicardial lead [electrode] into epicardium		X			N		N	N	Y	Y
37.90	Insertion of left atrial appendage device		X			N		N	N	N	Y
37.92	Injection of therapeutic substance into heart		X			N		N	N	Y	Y
37.93	Injection of therapeutic substance into pericardium		X			N		N	N	N	Y
37.99	Other operations on heart and pericardium		X			N		N	Y	Y	Y
39.0	Systemic to pulmonary artery shunt	X				Y		Y	Y	Y	Y
39.21	Caval-pulmonary artery anastomosis	X				Y		Y	Y	Y	Y
39.61	Extracorporeal circulation auxiliary to open heart surgery		X			N		N	Y	Y	Y
39.65	Extracorporeal membrane oxygenation [ECMO]		X			N		N	N	Y	Y
38.05	Incision of vessel, other thoracic vessels		X			N		N	N	Y	Y
38.15	Endarterectomy, other thoracic vessels		X			N		N	N	Y	Y

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		Yes	No		SGMC	WAH	Meritus	FMH	AAMC	WMHS	PRMC
38.35	Resection of vessel with anastomosis, other thoracic vessels		X			N		N	N	Y	Y
38.45	Resection of vessel with replacement, thoracic vessels		X			N		N	Y	Y	Y
38.65	Other excision of vessels, thoracic vessels		X			N		N	N	Y	Y
38.85	Other surgical occlusion of vessels, thoracic vessels		X			N		N	N	Y	Y