

Note to Users for PedCSRS 2010 Data Collection

The PedCSRS coding instructions and data element definitions issued for 2009 discharges will remain in effect for 2010 discharges. There are no changes to the data collection form, definitions or coding instructions. The attached document contains the current procedure codes that should be used for 2010 PedCSRS reporting. This includes the changes to procedure codes made for July 2009 Adult CSRS reporting.

For discharge year 2010, use form DOH-2254p (1/09). Although the bottom of that form states "2009 Discharges," the effective period for this form has been extended through December 2010 discharges.

The file specification for 2010 PedCSRS data contains no changes from the 2009 file structure. The document has been updated only for dates and naming conventions. A copy of the current PedCSRS file specifications document can be obtained from the Cardiac Services Program.

Reporting Schedule

Pediatric CSRS data is reported quarterly by discharge date. It is due to the Cardiac Services Program two months after the end of the quarter. The 2010 reporting schedule is as follows.

Quarter 1 (1/1/10 – 3/31/10 Discharges) due on or before May 31, 2010
Quarter 2 (4/1/10 – 6/30/10 Discharges) due on or before August 31, 2010
Quarter 3 (7/1/10 – 9/30/10 Discharges) due on or before November 30, 2010
Quarter 4 (10/1/10 – 12/31/10 Discharges) due on or before February 28, 2011

Limited extensions to the above deadlines will be granted on a case by case basis when warranted by extenuating circumstances. They must be requested in writing prior to the required submission date.

Attachment E

Congenital and Acquired Cardiac Procedure Codes NYSDOH CARDIAC ADVISORY COMMITTEE

100-398 Congenital Heart Disease - Operations With or Without Extracorporeal Circulation

Note: Extracorporeal circulation will be determined from the data element Entire Procedure Off Pump reported under Section II. Procedural Information on the front of the form. Please accurately complete this item for all appropriate cases.

Anomalies of Pulmonary Veins

- 100 Repair of Anomalous Pulmonary Venous Return
- 101 Repair of Pulmonary Vein Stenosis
- 103 Repair of Partial Anomalous Pulmonary Venous Return

Anomalies of Atrial Septum

- 120 ASD Closure
- 121 Creation of ASD
- 122 Repair of Cor Triatriatum
- 123 PFO Closure

Atrioventricular Septal Defect (AVSD)

- 130 Repair of Complete AV Canal
- 131 Repair of Partial AV Canal

Anomalies of Ventricular Septum

- 140 Repair of VSD
- 141 Creation/Enlargement of VSD
- 142 Fenestration of VSD Patch

Anomalies of Atrioventricular Valves

Tricuspid Valve

- 150 Repair (Non-Ebstein's Valve)
Replacement
- 151 Homograft
- 152 Prosthetic
- 153 Tricuspid Valve Closure
- 154 Repair Ebstein's Anomaly

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Anomalies of Atrioventricular Valves (continued)

Mitral Valve

- 160 Resect supramitral ring
- 161 Repair (including annuloplasty)
Replacement
- 162 Homograft
- 163 Prosthetic
- 170 Common AV Valve Repair

Anomalies of Ventricular Outflow Tract(s)

Pulmonary Ventricular Outflow Tract

- 180 Pulmonary Valvotomy/Valvectomy
- 181 Resection of subvalvular PS
- 182 Repair of supra-ventricular PS
Pulmonary Valve Replacement
- 190 Homograft
- 191 Prosthetic
- 192 Xenograft

Pulmonary Outflow Conduit

- Valved
- 200 Homograft
- 201 Prosthetic
- 202 Non-Valved
 - Transannular Patch
 - 210 With Monocusp Valve
 - 211 Without Monocusp Valve
 - 212 Repair Branch PS

Aortic Ventricular Outflow Tract

- 220 Aortic Valvuloplasty
- 221 Aortic Valvotomy
- 230 Repair Supra-ventricular AS
- 231 Resection of Discrete Subvalvular AS
- 235 Aortoventriculoplasty (Konno Procedure)
Aortic Valve Replacement
- 240 Autograft (Ross Procedure)
- 241 Homograft
- 242 Prosthetic
- 243 Heterograft
- Aortic Root Replacement
- 250 Autograft (Ross Procedure)

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Anomalies of Ventricular Outflow Tract(s) (continued)

- 251 Homograft
- 252 Prosthetic
- 255 LV Apex to Aorta Conduit

Tetralogy of Fallot

- 260 Repair with Pulmonary Valvotomy
- 261 Repair with Transannular Patch
- 262 Repair with Non-valved Conduit
- Repair with Valved Conduit
- 263 Homograft
- 264 Prosthetic
- 265 Repair with reduction/plasty of PAs
- Repair with pulmonary valve replacement
- 266 Homograft
- 267 Prosthetic

Truncus Arteriosus

- 262 Repair with Non-Valved Conduit
- Repair with Valved Conduit
- 263 Homograft
- 264 Prosthetic

Univentricular Heart (Single Ventricle)

- Fontan Operations
- 270 Direct RV-PA Connection
- Total Cavopulmonary Connection
- 271 Lateral tunnel – nonfenestrated
- 272 Lateral tunnel – fenestrated
- 273 Extracardiac – nonfenestrated
- 274 Extracardiac – fenestrated
- 275 Septation of Single Ventricle
- Hypoplastic Right Ventricle
- Valved
- 200 Homograft
- 201 Prosthetic
- 202 Non-Valved

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Univentricular Heart (Single Ventricle) (continued)

- Transannular Patch
- 210 With Monocusp Valve
- 211 Without Monocusp Valve
- Hypoplastic Left Ventricle
- 280 Norwood
- 290 Damus Kaye Stansel (DSK)

Transposition of Great Arteries or Double Outlet RV

- 310 Arterial Switch
- 311 Senning Procedure
- 312 Mustard Procedure
- 313 Intraventricular Repair of DORV
- Rastelli Procedure
 - RV-PA Conduit
 - Valved
 - 320 Homograft
 - 321 Prosthetic
 - 322 Non-Valved
 - 325 REV operation (Modified Rastelli)
 - LV-PA Conduit
 - Valved
 - 326 Homograft
 - 327 Prosthetic
 - 328 Non-Valved

Great Vessel Anomalies

- 330 PDA Ligation
- 331 Repair Aortopulmonary Window
- 332 Reimplantation of left or right pulmonary artery
- 333 Repair Sinus of Valsalva Aneurysm
- Aortic Repair (Coarctation or Interruption)
 - 340 End to end anastomosis
 - 348 End to side anastomosis
 - 341 Subclavian flap angioplasty
 - 342 Onlay Patch
 - 343 Interposition graft
- 344 Vascular Ring Division
- 345 Repair of PA Sling

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Great Vessel Anomalies (continued)

- 346 Reimplantation of Innominate Artery
- 347 Aortoplexy

Coronary Artery Anomalies

- Translocation of LCA to Aorta
- 350 Direct
- 351 Transpulmonary Tunnel (Takeuchi)
- 352 Coronary Artery Ligation
- 353 Coronary Fistula Ligation

Cardiomyopathies

- 360 Left Ventricular Reconstruction (Batiste Procedure, Surgical Ventricular Restoration)
- 361 Radical Myomectomy

Interval Procedures

- 370 Pulmonary Artery Band
- 375 Unifocalization of Pulmonary Vessels Shunts
- 381 Central Aortopulmonary Shunt
Blalock Taussig Shunts
- 382 Classical
- 383 Modified
- Glenn Shunts
- 384 Unidirectional (Classical)
- 385 Bidirectional
- 386 Bilateral Bidirectional
- 390 Cardiac Arrhythmia Surgery
- 398 Other Operations for Congenital Heart Disease

400-998 Acquired Heart Disease – Operations Performed With or Without Extracorporeal Circulation

- 401 Mitral Valvotomy
- 402 Pericardiectomy (with extracorporeal circulation)
- 403 Stab Wound of Heart or Great Vessel Repair (without extracorporeal circulation)
- 404 Saccular Aortic Aneurysm

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Repair Of Aortic Deceleration Injury

- 420 With Shunt
- 421 Without Shunt

Other

- 498 Other Operation for Acquired Heart Disease (without extracorporeal circulation)

Valve Repair

- 500 Aortic
- 501 Mitral
- 502 Tricuspid
- 503 Pulmonary

Valve Replacement

- 510-518* Ross Procedure
- 520-528* Aortic Mechanical
- 530-538* Aortic Heterograft
- 540-548* Aortic Homograft
- 550-558* Mitral Mechanical
- 560-568* Mitral Heterograft
- 570-578* Tricuspid Mechanical
- 580-588* Tricuspid Heterograft
- 590-598* Pulmonary
- 600-608* Mitral Homograft

*REOPERATIONS: For Valve Replacement (510-608), use third digit to indicate reason for reoperation, as follows:

- | | |
|---------------------------|----------------------------|
| 0 Not a Reoperation | 4 Failed Valvuloplasty |
| 1 Periprosthetic Leak | 5 Disease of Another Valve |
| 2 Prosthetic Endocarditis | 8 Other Reason |
| 3 Prosthetic Malfunction | |

Valve Conduits

- 660 Apical Aortic Conduit

Note: Record Aortic Valve and Ascending Aorta Replacement under Aneurysms.

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Coronary Artery Bypass Grafts

670 Coronary Artery Bypass Graft

Please Note: If you code a 670 then you must complete the CABG Information under the Procedural Information Section of the Form.

Other Revascularization

710 Transmyocardial Revascularization

715 Growth Factor Installation

Additional Procedures with or without CABG

760 Acquired Ventricular Septal Defect

761 Resection or Plication of LV Aneurysm

762 Ventricular Reconstruction (Batiste Procedure, Surgical Ventricular Restoration)

763 Carotid Endarterectomy (report only if done with another cardiac procedure)

764 Implantation of AICD (report only if done with another cardiac procedure)

Radiofrequency or Operative Ablation

770 Atrial

771 Ventricular

772 Maze Procedure

Aortic Aneurysm Repair/Aortic Root Replacement

780 Ascending Aorta, With Graft, With Coronary Reimplantation

781 Ascending Aorta, Replacement or Repair, Without Coronary Reimplantation

782 Transverse Aorta

783 Descending Thoracic Aorta (Excluding Acute Deceleration Injury)

784 Thoracoabdominal

785 Aortic Root Replacement or Repair, With Graft, With Coronary Reimplantation

Dissecting Aneurysm Surgery

800 Intraluminal Graft

801 Intraluminal Graft with Aortic Valve Suspension

802 Tube Graft with Aortic Valve Suspension

Attachment E (continued)

Congenital and Acquired Cardiac Procedure Codes

Dissecting Aneurysm Surgery (continued)

- 803 Tube Graft with Aortic Valve Replacement
- 818 Other Dissecting Aneurysm Surgery

Transplant Procedures

- 820 Heart Transplant
- 821 Heart and Lung Transplant
- 822 Lung Transplant
- 830 Left Ventricular Assist Device (LVAD) – Extracorporeal
- 831 Left Ventricular Assist Device (LVAD) – Implantable
- 832 Right Ventricular Assist Device (RVAD)
- 833 Bi-Ventricular Assist Device (BIVAD)
- 834 Extracorporeal Membrane Oxygenation (ECMO)
- 840 Ventricular Assist Device as a Destination Therapy (must also code either 830 or 831)
- 901 Artificial Heart

Other

- 902 Pulmonary Embolectomy
- 903 Stab Wound of Heart or Great Vessel Repair (with extracorporeal circulation)
- 904 Removal of Intracardiac Tumor
- 905 Removal of Intracardiac Catheter
- 906 Repair of Aortic Deceleration Injury (With Aortofemoral Bypass)
- 907 Repair of a Cardiac Laceration due to Trauma
- 915 Septal Myomectomy
- 916 Ventricular Myomectomy
- 920 Ventricular Free Wall Rupture
- 998 Other Operation for Acquired Heart Disease (with extracorporeal circulation)