Study Number  ☐☐☐☐☐☐☐☐  Event Number  ☐☐

Operation Date (DD/MMM/YYYY) ☐☐/☐☐/☐☐☐☐

Procedure
☐ PA Band
☐ Norwood Procedure
☐ Glenn Procedure
☐ Hemi-Fontan
☐ Fontan Procedure
☐ One and Half Ventricle Repair
☐ Heart Transplant
☐ Subsequent AVSD Procedures
☐ Hybrid Procedure
☐ Interval Procedure

If Fontan, specify type:  ☐ ECC
☐ Lateral Tunnel
☐ Transcatheter

If Subsequent AVSD Procedure, specify type:  ☐ Atrial Fenestration
☐ Ventricular Fenestration
☐ AVSD Repair Takedown
☐ PA Plasty
☐ LAVV Repair
☐ LAVV Replacement
☐ RAVV Repair
☐ RAVV Replacement
☐ CAVV Repair
☐ CAVV Replacement
☐ ASD Repair
☐ VSD Repair

Concomitant Procedure 1:
☐ Damus-Kaye-Stansel procedure (DKS) (creation of AP anastomosis without arch reconstruction)
☐ Cavopulmonary anastomosis Bidirectional (BDCPA) (bidirectional Glenn)
☐ Cavopulmonary Glenn (unidirectional cavopulmonary anastomosis) (unidirectional Glenn)
☐ Cavopulmonary Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (bilateral bidirectional Glenn)
☐ HemiFontan
☐ Cavopulmonary anastomosis(es) (Glenn or HemiFontan) + Atrioventricular valvuloplasty
☐ Cavopulmonary anastomosis(es) + PA reconstruction (Superior)
☐ Palliation, Other (if other explain)
☐ ECMO cannulation
☐ ECMO decannulation
☐ ECMO procedure
☐ Intraaortic balloon pump (IABP) insertion
☐ Right/left heart assist device procedure
☐ VAD explantation
☐ VAD implantation
☐ Echocardiography procedure, Sedated transesophageal echocardiogram
☐ Echocardiography procedure, Sedated transthoracic echocardiogram
☐ Non-cardiovascular, Non-thoracic procedure on cardiac patient with cardiac anesthesia
☐ Radiology procedure on cardiac patient, Cardiac Computerized Axial Tomography (CT Scan)
☐ Radiology procedure on cardiac patient, Cardiac Magnetic Resonance Imaging (MRI)
☐ Radiology procedure on cardiac patient, Diagnostic radiology
☐ Radiology procedure on cardiac patient, Non-Cardiac Computerized Tomography (CT) on cardiac patient
☐ Radiology procedure on cardiac patient, Non-cardiac Magnetic Resonance Imaging (MRI) on cardiac patient
☐ Radiology procedure on cardiac patient, Therapeutic radiology
☐ Aneurysm, Ventricular, Right, Repair
☐ Aneurysm, Ventricular, Left, Repair
☐ Aneurysm, Pulmonary artery, Repair
☐ Cardiac tumor resection
☐ Pulmonary AV fistula repair/occlusion
☐ Pulmonary artery Ligation
☐ Pulmonary embolectomy, Acute pulmonary embolus
☐ Pulmonary embolectomy, Chronic pulmonary embolus
☐ Pleural drainage procedure
☐ Pleural procedure, Other
☐ Thoracic duct ligation
☐ Decortication
☐ Esophageal procedure
☐ Mediastinal procedure
☐ Bronchoscopy
☐ Diaphragm placation
☐ Diaphragm procedure, Other
☐ VATS (video-assisted thoracoscopic surgery)
☐ Minimally invasive procedure
☐ Bypass for noncardiac lesion
☐ Delayed sternal closure
☐ Mediastinal exploration
☐ Sternotomy wound drainage
☐ Thoracotomy, Other
☐ Cardiotomy, Other
☐ Cardiac procedure, Other
☐ Thoracic and/or mediastinal procedure, Other
☐ Peripheral vascular procedure, Other
☐ Miscellaneous procedure, Other
☐ Organ procurement
☐ Other procedure (if other explain)
☐ ASD PFO, Primary closure
☐ ASD repair, Primary closure
☐ ASD repair, Patch
☐ ASD repair, Device
☐ ASD repair, Patch + PAPVC repair
☐ ASD, Common atrium (single atrium), Septation
☐ ASD creation/enlargement
☐ ASD partial closure
☐ Atrial septal fenestration
☐ Atrial fenestration closure
☐ VSD repair, Primary closure
☐ VSD repair, Patch
☐ VSD repair, Device
☐ VSD, Multiple, Repair
☐ VSD creation/enlargement
☐ Ventricular septal fenestration
☐ AVC (AVSD) repair, Complete (CAVSD)
☐ AVC (AVSD) repair, Intermediate (Transitional)
☐ AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
☐ Common atrioventricular valve Valvuloplasty,
☐ Common atrioventricular valve Valvuloplasty converted to valve replacement in the same operation,
☐ Valve replacement, Common atrioventricular valve
☐ AP window repair
☐ Pulmonary artery origin from ascending aorta (hemitruncus) repair
☐ Truncus arteriosus repair
☐ Truncal Valvuloplasty
☐ Truncal valve Valvuloplasty converted to valve replacement in the same operation
☐ Truncal Valve replacement
☐ Truncus + Interrupted aortic arch repair (IAA) repair
☐ PAPVC repair
☐ PAPVC, Scimitar, Repair
☐ PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
☐ TAPVC repair
☐ TAPVC repair + Shunt - systemic-to-pulmonary
☐ Cor triatriatum repair
☐ Pulmonary venous stenosis repair
☐ TGA Atrial baffle procedure (non-Mustard, non-Senning)
☐ Vein Anomalous systemic venous connection repair
☐ Vein Systemic venous stenosis repair
☐ TOF repair, No ventriculotomy
☐ TOF repair, Ventriculotomy, Nontransanular patch
☐ TOF repair, Ventriculotomy, Transanular patch
☐ TOF repair, RV-PA conduit
☐ TOF - AVC (AVSD) repair
☐ TOF - Absent pulmonary valve repair
☐ Pulmonary atresia - VSD (including TOF, PA) repair
☐ Pulmonary atresia - VSD - MAPCA (pseudotruncus) repair
☐ MAPCA(s) Unifocalization
☐ MAPCA(s) Occlusion
☐ Tricuspid Valvuloplasty
☐ Tricuspid Valvuloplasty converted to valve replacement in the same operation
☐ Tricuspid Ebstein’s repair
☐ Tricuspid (TVR) Valve replacement
☐ Tricuspid Valve closure (exclusion, univentricular approach)
☐ Tricuspid Valve excision (without replacement)
☐ Tricuspid Valve surgery Other explain
☐ RVOT procedure
☐ 1 1/2 ventricular repair
☐ PA, reconstruction (plasty), Main (trunk)
☐ PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
☐ PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
☐ DCRV repair
☐ Pulmonic Valvuloplasty
☐ Pulmonic Valvuloplasty converted to valve replacement in the same operation
☐ Pulmonic (PVR) Valve replacement,
☐ Pulmonary Valve excision, (without replacement)
☐ Valve closure, Semilunar
☐ Pulmonic Valve surgery, Other
☐ Conduit placement, RV to PA
☐ Conduit placement, LV to PA
☐ Conduit placement, Ventricle to aorta
☐ Conduit placement, Other
☐ Conduit reoperation
☐ Aortic Valvuloplasty,
☐ Aortic Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross-Konno procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic (AVR) Valve replacement,
☐ Aortic (AVR) Valve replacement Mechanical
☐ Aortic (AVR) Valve replacement Bioprosthetic
☐ Aortic (AVR) Valve replacement, Homograft
☐ Aortic root replacement, Bioprosthetic
☐ Aortic root replacement, Mechanical
☐ Aortic root replacement, Homograft
☐ Aortic root replacement, Valve sparing
☐ Aortic Ross procedure
☐ Aortic Konno procedure
☐ Aortic Ross-Konno procedure
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<td>Aortic stenosis, Subvalvar, Repair</td>
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<td>SubAortic stenosis, myectomy for HOCM</td>
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<td>Aorta-LV tunnel repair</td>
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<tr>
<td>Norwood procedure</td>
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<td>Norwood Hybrid 1st Stage, RPA &amp; LPA bands</td>
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<tr>
<td>Norwood Hybrid 1st Stage, PDA Stent placement in arterial duct</td>
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<td>Norwood Hybrid 1st Stage, Bilateral PAB band and PDA Stent placement</td>
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<td>Norwood Hybrid 2nd Stage, Ao/P amalgamation + Cavopulmonary anastomosis(es) + PA Debanding + AA repair</td>
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<tr>
<td>Norwood Hybrid 2nd Stage, Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair</td>
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<td>Transplant, Heart and lung</td>
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<td>Partial left ventriculectomy (LV volume reduction surgery) (Batista)</td>
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<td>Fontan, TCPC, Lateral tunnel, Fenestrated</td>
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<td>Fontan revision or conversion (Re-do Fontan)</td>
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<td>Fontan + Atrioventricular valvuloplasty</td>
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<td>Ventricular septation</td>
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<td>Congenitally corrected TGA repair, Atrial switch and ASO (double switch)</td>
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<td>Congenitally corrected TGA repair, VSD closure</td>
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<td>TGA Arterial switch operation (ASO)</td>
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<td>TGA Arterial switch procedure + Aortic arch repair</td>
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☐ TGA Senning
☐ TGA Mustard
☐ TGA Atrial baffle procedure, Mustard or Senning revision
☐ TGA Rastelli
☐ REV
☐ Aortic root translocation over left ventricle (Including Nikaidoh procedure)
☐ TGA, Other procedures (Kawashima, LV-PA conduit, other)
☐ DORV, Intraventricular tunnel repair
☐ DOLV repair
☐ Coarctation repair, End to end
☐ Coarctation repair, End to end, Extended
☐ Coarctation repair, Subclavian flap
☐ Coarctation repair, Patch aortoplasty
☐ Coarctation repair, Interposition graft
☐ Coarctation repair, Other
☐ Coarctation repair + VSD repair
☐ Aortic arch repair
☐ Aortic arch repair + VSD repair
☐ Coronary artery fistula ligation
☐ Coronary artery Anomalous origin of coronary artery from pulmonary artery repair
☐ Coronary artery bypass
☐ Coronary artery Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
☐ Coronary artery procedure, Other
☐ Interrupted aortic arch repair
☐ PDA closure, Surgical
☐ PDA closure, Device
☐ Vascular ring repair
☐ Aortopexy
☐ Pulmonary artery sling repair
☐ Aneurysm Aortic aneurysm repair
☐ Aneurysm Aortic dissection repair
☐ Lung biopsy
☐ Transplant, lung(s)
☐ Lung procedure, Other
☐ Pectus repair
☐ Tracheal procedure
☐ Pacemaker implantation, Permanent
☐ Pacemaker procedure
☐ Pacemaker explantation
☐ Pacemaker ICD (AICD) implantation
☐ Pacemaker ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
☐ Arrhythmia surgery - atrial, Surgical Ablation
☐ Arrhythmia surgery - ventricular, Surgical Ablation
☐ Cardiovascular catheterization procedure, Diagnostic
☐ Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
☐ Cardiovascular catheterization procedure, Therapeutic
☐ Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
☐ Cardiovascular catheterization procedure, Therapeutic, Coil implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Device implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)
☐ Cardiovascular catheterization procedure, Therapeutic, Septostomy
☐ Cardiovascular catheterization procedure, Therapeutic, Stent insertion
☐ Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve
☐ Cardiovascular electrophysiological catheterization procedure
☐ Cardiovascular electrophysiological catheterization procedure, Therapeutic ablation
☐ Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)
☐ Shunt, Systemic to pulmonary, Central (from aorta or to main pulmonary artery)
☐ Shunt, Systemic to pulmonary, Other
☐ Shunt, Ligation and takedown
☐ Shunt, Reoperation
☐ PA banding (PAB)
☐ PA debanding

If other, specify: ________________________

Concomitant Procedure 2:
☐ Damus-Kaye-Stansel procedure (DKS) (creation of AP anastomosis without arch reconstruction)
☐ Cavopulmonary anastomosis Bidirectional (BDCPA) (bidirectional Glenn)
☐ Cavopulmonary Glenn (unidirectional cavopulmonary anastomosis) (unidirectional Glenn)
☐ Cavopulmonary Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (bilateral bidirectional Glenn)
☐ HemiFontan
☐ Cavopulmonary anastomosis(es) (Glenn or HemiFontan) + Atrioventricular valvuloplasty
☐ Cavopulmonary anastomosis(es) + PA reconstruction (Superior)
☐ Palliation, Other (if other explain)
☐ ECMO cannulation
☐ ECMO decannulation
☐ ECMO procedure
☐ Intraaortic balloon pump (IABP) insertion
☐ Right/left heart assist device procedure
☐ VAD explantation
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☐ ASD repair, Device
☐ ASD repair, Patch + PAPVC repair
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☐ ASD creation/enlargement
☐ ASD partial closure
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☐ DCRV repair
☐ Pulmonic Valvuloplasty
☐ Pulmonic Valvuloplasty converted to valve replacement in the same operation
☐ Pulmonic (PVR) Valve replacement,
☐ Pulmonary Valve excision, (without replacement)
☐ Valve closure, Semilunar
☐ Pulmonic Valve surgery, Other
☐ Conduit placement, RV to PA
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☐ Conduit placement, Ventricle to aorta
☐ Conduit placement, Other
☐ Conduit reoperation
☐ Aortic Valvuloplasty,
☐ Aortic Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross-Konno procedure Valvuloplasty converted to valve replacement in the same operation,
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☐ Aortic (AVR) Valve replacement Mechanical
☐ Aortic (AVR) Valve replacement Bioprosthetic
☐ Aortic (AVR) Valve replacement, Homograft
☐ Aortic root replacement, Bioprosthetic
☐ Aortic root replacement, Mechanical
☐ Aortic root replacement, Homograft
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☐ Aortic Ross procedure
☐ Aortic Konno procedure
☐ Aortic Ross-Konno procedure
☐ Aortic Other annular enlargement procedure
☐ Aortic stenosis, Subvalvar, Repair
☐ SubAortic stenosis, myectomy for HOCM
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<td>☐ Norwood Hybrid 2nd Stage, Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair</td>
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<td>☐ Transplant, Heart</td>
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<td>☐ Pericardial drainage procedure</td>
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<td>☐ Fontan, Atrio-ventricular connection</td>
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<td>☐ Fontan revision or conversion (Re-do Fontan)</td>
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<td>☐ Fontan, Other</td>
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<td>☐ Fontan + Atrioventricular valvuloplasty</td>
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<td>☐ Ventricular septation</td>
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<td>☐ TGA Arterial switch procedure + Aortic arch repair</td>
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<td>☐ TGA Senning</td>
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<td>☐ TGA Mustard</td>
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<td>☐ TGA Atrial baffle procedure, Mustard or Senning revision</td>
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☐ TGA Rastelli
☐ REV
☐ Aortic root translocation over left ventricle (Including Nikaidoh procedure)
☐ TGA, Other procedures (Kawashima, LV-PA conduit, other)
☐ DORV, Intraventricular tunnel repair
☐ DOLV repair
☐ Coarctation repair, End to end
☐ Coarctation repair, End to end, Extended
☐ Coarctation repair, Subclavian flap
☐ Coarctation repair, Patch aortoplasty
☐ Coarctation repair, Interposition graft
☐ Coarctation repair, Other
☐ Coarctation repair + VSD repair
☐ Aortic arch repair
☐ Aortic arch repair + VSD repair
☐ Coronary artery fistula ligation
☐ Coronary artery Anomalous origin of coronary artery from pulmonary artery repair
☐ Coronary artery bypass
☐ Coronary artery Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
☐ Coronary artery procedure, Other
☐ Interrupted aortic arch repair
☐ PDA closure, Surgical
☐ PDA closure, Device
☐ Vascular ring repair
☐ Aortopexy
☐ Pulmonary artery sling repair
☐ Aneurysm Aortic aneurysm repair
☐ Aneurysm Aortic dissection repair
☐ Lung biopsy
☐ Transplant, lung(s)
☐ Lung procedure, Other
☐ Pectus repair
☐ Tracheal procedure
☐ Pacemaker implantation, Permanent
☐ Pacemaker procedure
☐ Pacemaker explantation
☐ Pacemaker ICD (AICD) implantation
☐ Pacemaker ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
☐ Arrhythmia surgery - atrial, Surgical Ablation
☐ Arrhythmia surgery - ventricular, Surgical Ablation
☐ Cardiovascular catheterization procedure, Diagnostic
☐ Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
☐ Cardiovascular catheterization procedure, Therapeutic
☐ Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
☐ Cardiovascular catheterization procedure, Therapeutic, Coil implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Device implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)
☐ Cardiovascular catheterization procedure, Therapeutic, Septostomy
☐ Cardiovascular catheterization procedure, Therapeutic, Stent insertion
☐ Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve
☐ Cardiovascular electrophysiological catheterization procedure
☐ Cardiovascular electrophysiological catheterization procedure, Therapeutic ablation
☐ Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)
☐ Shunt, Systemic to pulmonary, Central (from aorta or to main pulmonary artery)
☐ Shunt, Systemic to pulmonary, Other
☐ Shunt, Ligation and takedown
☐ Shunt, Reoperation
☐ PA banding (PAB)

If other, specify: __________________________

Concomitant Procedure 3:
☐ Damus-Kaye-Stansel procedure (DKS) (creation of AP anastomosis without arch reconstruction)
☐ Cavopulmonary anastomosis Bidirectional (BDCPA) (bidirectional Glenn)
☐ Cavopulmonary Glenn (unidirectional cavopulmonary anastomosis) (unidirectional Glenn)
☐ Cavopulmonary Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (bilateral bidirectional Glenn)
☐ HemiFontan
☐ Cavopulmonary anastomosis(es) (Glenn or HemiFontan) + Atrioventricular valvuloplasty
☐ Cavopulmonary anastomosis(es) + PA reconstruction (Superior)
☐ Palliation, Other (if other explain)
☐ ECMO cannulation
☐ ECMO decannulation
☐ ECMO procedure
☐ Intraaortic balloon pump (IABP) insertion
☐ Right/left heart assist device procedure
☐ VAD explantation
☐ VAD implantation
☐ Echocardiography procedure, Sedated transesophageal echocardiogram
☐ Echocardiography procedure, Sedated transthoracic echocardiogram
☐ Non-cardiovascular, Non-thoracic procedure on cardiac patient with cardiac anesthesia
☐ Radiology procedure on cardiac patient, Cardiac Computerized Axial Tomography (CT Scan)
☐ Radiology procedure on cardiac patient, Cardiac Magnetic Resonance Imaging (MRI)
☐ Radiology procedure on cardiac patient, Diagnostic radiology
☐ Radiology procedure on cardiac patient, Non-Cardiac Computerized Tomography (CT) on cardiac patient
☐ Radiology procedure on cardiac patient, Non-cardiac Magnetic Resonance Imaging (MRI) on cardiac patient
☐ Radiology procedure on cardiac patient, Therapeutic radiology
☐ Aneurysm, Ventricular, Right, Repair
☐ Aneurysm, Ventricular, Left, Repair
☐ Aneurysm, Pulmonary artery, Repair
☐ Cardiac tumor resection
☐ Pulmonary AV fistula repair/occlusion
☐ Pulmonary artery Ligation
☐ Pulmonary embolectomy, Acute pulmonary embolus
☐ Pulmonary embolectomy, Chronic pulmonary embolus
☐ Pleural drainage procedure
☐ Pleural procedure, Other
☐ Thoracic duct ligatation
☐ Decortication
☐ Esophageal procedure
☐ Mediastinal procedure
☐ Bronchoscopy
☐ Diaphragm placation
☐ Diaphragm procedure, Other
☐ VATS (video-assisted thoracoscopic surgery)
☐ Minimally invasive procedure
☐ Bypass for noncardiac lesion
☐ Delayed sternal closure
☐ Mediastinal exploration
☐ Sternotomy wound drainage
☐ Thoracotomy, Other
☐ Cardiotomy, Other
☐ Cardiac procedure, Other
☐ Thoracic and/or mediastinal procedure, Other
☐ Peripheral vascular procedure, Other
☐ Miscellaneous procedure, Other
☐ Organ procurement
☐ Other procedure (if other explain)
☐ ASD PFO, Primary closure
☐ ASD repair, Primary closure
☐ ASD repair, Patch
☐ ASD repair, Device
☐ ASD repair, Patch + PAPVC repair
☐ ASD, Common atrium (single atrium), Septation
☐ ASD creation/enlargement
☐ ASD partial closure
☐ Atrial septal fenestration
☐ Atrial fenestration closure
☐ VSD repair, Primary closure
☐ VSD repair, Patch
☐ VSD repair, Device
☐ VSD, Multiple, Repair
☐ VSD creation/enlargement
☐ Ventricular septal fenestration
☐ AVC (AVSD) repair, Complete (CAVSD)
☐ AVC (AVSD) repair, Intermediate (Transitional)
☐ AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
☐ Common atrioventricular valve Valvuloplasty,
☐ Common atrioventricular valve Valvuloplasty converted to valve replacement in the same operation,
☐ Valve replacement, Common atrioventricular valve
☐ AP window repair
☐ Pulmonary artery origin from ascending aorta (hemitruncus) repair
☐ Truncus arteriosus repair
☐ Truncal Valvuloplasty
☐ Truncal valve Valvuloplasty converted to valve replacement in the same operation
☐ Truncal Valve replacement
☐ Truncus + Interrupted aortic arch repair (IAA) repair
☐ PAPVC repair
☐ PAPVC, Scimitar, Repair
☐ PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
☐ TAPVC repair
☐ TAPVC repair + Shunt - systemic-to-pulmonary
☐ Cor triatriatum repair
☐ Pulmonary venous stenosis repair
☐ TGA Atrial baffie procedure (non-Mustard, non-Senning)
☐ Vein Anomalous systemic venous connection repair
☐ Vein Systemic venous stenosis repair
☐ TOF repair, No ventriculotomy
☐ TOF repair, Ventriculotomy, Nontransanular patch
☐ TOF repair, Ventriculotomy, Transanular patch
☐ TOF repair, RV-PA conduit
☐ TOF - AVC (AVSD) repair
☐ TOF - Absent pulmonary valve repair
☐ Pulmonary atresia - VSD (including TOF, PA) repair
☐ Pulmonary atresia - VSD - MAPCA (pseudotruncus) repair
☐ MAPCA(s) Unifocalization
☐ MAPCA(s) Occlusion
☐ Tricuspid Valvuloplasty
☐ Tricuspid Valvuloplasty converted to valve replacement in the same operation
☐ Tricuspid Ebstein's repair
☐ Tricuspid (TVR) Valve replacement
☐ Tricuspid Valve closure (exclusion, univentricular approach)
☐ Tricuspid Valve excision (without replacement)
☐ Tricuspid Valve surgery Other explain
☐ RVOT procedure
☐ 1 1/2 ventricular repair
☐ PA, reconstruction (plasty), Main (trunk)
☐ PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
☐ PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
☐ DCRV repair
☐ Pulmonic Valvuloplasty
☐ Pulmonic Valvuloplasty converted to valve replacement in the same operation
☐ Pulmonic (PVR) Valve replacement,
☐ Pulmonary Valve excision, (without replacement)
☐ Valve closure, Semilunar
☐ Pulmonic Valve surgery, Other
☐ Conduit placement, RV to PA
☐ Conduit placement, LV to PA
☐ Conduit placement, Ventricle to aorta
☐ Conduit placement, Other
☐ Conduit reoperation
☐ Aortic Valvuloplasty,
☐ Aortic Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross-Konno procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic (AVR) Valve replacement,
☐ Aortic (AVR) Valve replacement Mechanical
☐ Aortic (AVR) Valve replacement Bioprosthetic
☐ Aortic (AVR) Valve replacement, Homograft
☐ Aortic root replacement, Bioprosthetic
☐ Aortic root replacement, Mechanical
☐ Aortic root replacement, Homograft
☐ Aortic root replacement, Valve sparing
☐ Aortic Ross procedure
☐ Aortic Konno procedure
☐ Aortic Ross-Konno procedure
☐ Aortic Other annular enlargement procedure
☐ Aortic stenosis, Subvalvar, Repair
☐ SubAortic stenosis, myectomy for HOCM
☐ Aortic stenosis, Supravalvar, Repair
☐ Aortic Other Valve surgery,
☐ Aneurysm Sinus of Valsalva, repair
☐ Aorta-LV tunnel repair
☐ Mitral Valvuloplasty
☐ Mitral Valvuloplasty converted to valve replacement in the same operation
☐ Mitral stenosis, Supravalvar mitral ring repair
☐ Mitral (MVR Valve replacement, )
☐ Mitral Valve surgery, Other,
☐ Norwood procedure
☐ HLHS biventricular repair
☐ Norwood Hybrid 1st Stage, RPA & LPA bands
☐ Norwood Hybrid 1st Stage, PDA Stent placement in arterial duct
☐ Norwood Hybrid 1st Stage, Bilateral PAB band and PDA Stent placement
☐ Norwood Hybrid 2nd Stage, Ao/P amalgamation + Cavopulmonary anastomosis(es) + PA Debanding + AA repair
☐ Norwood Hybrid 2nd Stage, Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair
☐ Transplant, Heart
☐ Transplant, Heart and lung
☐ Partial left ventriculectomy (LV volume reduction surgery) (Batista)
☐ Pericardial drainage procedure
☐ Pericardiectomy
☐ Pericardial procedure, Other
☐ Fontan, Atrio-pulmonary connection
☐ Fontan, Atrio-ventricular connection
☐ Fontan, TCPC, Lateral tunnel, Fenestrated
☐ Fontan, TCPC, Lateral tunnel, Nonfenestrated
☐ Fontan, TCPC, External conduit, Fenestrated
☐ Fontan, TCPC, External conduit, Nonfenestrated
☐ Fontan revision or conversion (Re-do Fontan)
☐ Fontan, Other
☐ Fontan + Atrioventricular valvuloplasty
☐ Ventricular septation
☐ Congenitally corrected TGA repair, Atrial switch and ASO (double switch)
☐ Congenitally corrected TGA repair, Atrial switch and Rastelli
☐ Congenitally corrected TGA repair, VSD closure
☐ Congenitally corrected TGA repair, VSD closure and LV to PA conduit
☐ Congenitally corrected TGA repair, Other
☐ TGA Arterial switch operation (ASO)
☐ TGA Arterial switch operation (ASO) and VSD repair
☐ TGA Arterial switch procedure + Aortic arch repair
☐ TGA Arterial switch procedure and VSD repair + Aortic arch repair
☐ TGA Senning
☐ TGA Mustard
☐ TGA Atrial baffle procedure, Mustard or Senning revision
☐ TGA Rastelli
☐ REV
☐ Aortic root translocation over left ventricle (Including Nikaidoh procedure)
☐ TGA, Other procedures (Kawashima, LV-PA conduit, other)
☐ DORV, Intraventricular tunnel repair
☐ DOLV repair
☐ Coarctation repair, End to end
☐ Coarctation repair, End to end, Extended
☐ Coarctation repair, Subclavian flap
☐ Coarctation repair, Patch aortoplasty
☐ Coarctation repair, Interposition graft
☐ Coarctation repair, Other
☐ Coarctation repair + VSD repair
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☐ Aortic arch repair + VSD repair
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☐ Coronary artery Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
☐ Coronary artery procedure, Other
☐ Interrupted aortic arch repair
☐ PDA closure, Surgical
☐ PDA closure, Device
☐ Vascular ring repair
☐ Aortopexy
☐ Pulmonary artery sling repair
☐ Aneurysm Aortic aneurysm repair
☐ Aneurysm Aortic dissection repair
☐ Lung biopsy
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☐ Lung procedure, Other
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☐ Pacemaker ICD (AICD) implantation
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☐ Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)
☐ Shunt, Systemic to pulmonary, Central (from aorta or to main pulmonary artery)
☐ Shunt, Systemic to pulmonary, Other
☐ Shunt, Ligation and takedown
☐ Shunt, Reoperation
☐ PA banding (PAB)
☐ PA debanding

If other, specify: __________________________

Was there a 2nd bypass run to repair residual lesions?  
☐ No  
☐ Yes  
☐ Not in Report  
☐ Not Applicable

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☐ VAD implantation
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☐ Radiology procedure on cardiac patient, Cardiac Magnetic Resonance Imaging (MRI)
☐ Radiology procedure on cardiac patient, Diagnostic radiology
☐ Radiology procedure on cardiac patient, Non-Cardiac Computerized Tomography (CT) on cardiac patient
☐ Radiology procedure on cardiac patient, Non-cardiac Magnetic Resonance Imaging (MRI) on cardiac patient
☐ Radiology procedure on cardiac patient, Therapeutic radiology
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☐ Aneurysm, Ventricular, Left, Repair
☐ Aneurysm, Pulmonary artery, Repair
☐ Cardiac tumor resection
☐ Pulmonary AV fistula repair/occlusion
☐ Pulmonary artery Ligation
☐ Pulmonary embolectomy, Acute pulmonary embolus
☐ Pulmonary embolectomy, Chronic pulmonary embolus
☐ Pleural drainage procedure
☐ Pleural procedure, Other
☐ Thoracic duct ligation
☐ Decortication
☐ Esophageal procedure
☐ Mediastinal procedure
☐ Bronchoscopy
☐ Diaphragm placation
☐ Diaphragm procedure, Other
☐ VATS (video-assisted thoracoscopic surgery)
☐ Minimally invasive procedure
☐ Bypass for noncardiac lesion
☐ Delayed sternal closure
☐ Mediastinal exploration
☐ Sternotomy wound drainage
☐ Thoracotomy, Other
☐ Cardiectomy, Other
☐ Cardiectomy, Other
☐ Thoracic and/or mediastinal procedure, Other
☐ Peripheral vascular procedure, Other
☐ Miscellaneous procedure, Other
☐ Organ procurement
☐ Other procedure (if other explain)
☐ ASD PFO, Primary closure
☐ ASD repair, Primary closure
☐ ASD repair, Patch
☐ ASD repair, Device
☐ ASD repair, Patch + PAPVC repair
☐ ASD, Common atrium (single atrium), Septation
☐ ASD creation/enlargement
☐ ASD partial closure
☐ Atrial septal fenestration
☐ Atrial fenestration closure
☐ VSD repair, Primary closure
☐ VSD repair, Patch
☐ VSD repair, Device
☐ VSD, Multiple, Repair
☐ VSD creation/enlargement
☐ Ventricular septal fenestration
☐ AVC (AVSD) repair, Complete (CAVSD)
☐ AVC (AVSD) repair, Intermediate (Transitional)
☐ AVC (AVSD) repair, Partial (Incomplete) (PAVSD)
☐ Common atrioventricular valve Valvuloplasty,
☐ Common atrioventricular valve Valvuloplasty converted to valve replacement in the same operation,
☐ Valve replacement, Common atrioventricular valve
☐ AP window repair
☐ Pulmonary artery origin from ascending aorta (hemitruncus) repair
☐ Truncus arteriosus repair
☐ Truncal Valvuloplasty
☐ Truncal valve Valvuloplasty converted to valve replacement in the same operation
☐ Truncal Valve replacement
☐ Truncus + Interrupted aortic arch repair (IAA) repair
☐ PAPVC repair
☐ PAPVC, Scimitar, Repair
☐ PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
☐ TAPVC repair
☐ TAPVC repair + Shunt - systemic-to-pulmonary
☐ Cor triatriatum repair
☐ Pulmonary venous stenosis repair
☐ TGA Atrial baffle procedure (non-Mustard, non-Senning)
☐ Vein Anomalous systemic venous connection repair
☐ Vein Systemic venous stenosis repair
☐ TOF repair, No ventriculotomy
☐ TOF repair, Ventriculotomy, Nontransanular patch
☐ TOF repair, Ventriculotomy, Transanular patch
☐ TOF repair, RV-PA conduit
☐ TOF - AVC (AVSD) repair
☐ TOF - Absent pulmonary valve repair
☐ Pulmonary atresia - VSD (including TOF, PA) repair
☐ Pulmonary atresia - VSD - MAPCA (pseudotruncus) repair
☐ MAPCA(s) Unifocalization
☐ MAPCA(s) Occlusion
☐ Tricuspid Valvuloplasty
☐ Tricuspid Valvuloplasty converted to valve replacement in the same operation
☐ Tricuspid Ebstein’s repair
☐ Tricuspid (TVR) Valve replacement
☐ Tricuspid Valve closure (exclusion, univentricular approach)
☐ Tricuspid Valve excision (without replacement)
☐ Tricuspid Valve surgery Other explain
☐ RVOT procedure
☐ 1 1/2 ventricular repair
☐ PA, reconstruction (plasty), Main (trunk)
☐ PA, reconstruction (plasty), Branch, Central (within the hilar bifurcation)
☐ PA, reconstruction (plasty), Branch, Peripheral (at or beyond the hilar bifurcation)
☐ DCRV repair
☐ Pulmonic Valvuloplasty
☐ Pulmonic Valvuloplasty converted to valve replacement in the same operation
☐ Pulmonic (PVR) Valve replacement,
☐ Pulmonary Valve excision, (without replacement)
☐ Valve closure, Semilunar
☐ Pulmonic Valve surgery, Other
☐ Conduit placement, RV to PA
☐ Conduit placement, LV to PA
☐ Conduit placement, Ventricle to aorta
☐ Conduit placement, Other
☐ Conduit reoperation
☐ Aortic Valvuloplasty,
☐ Aortic Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic – with Ross-Konno procedure Valvuloplasty converted to valve replacement in the same operation,
☐ Aortic (AVR) Valve replacement,
☐ Aortic (AVR) Valve replacement Mechanical
☐ Aortic (AVR) Valve replacement Bioprosthetic
☐ Aortic (AVR) Valve replacement, Homograft
☐ Aortic root replacement, Bioprosthetic
☐ Aortic root replacement, Mechanical
☐ Aortic root replacement, Homograft
☐ Aortic root replacement, Valve sparing
☐ Aortic Ross procedure
☐ Aortic Konno procedure
☐ Aortic Ross-Konno procedure
☐ Aortic Other annular enlargement procedure
☐ Aortic stenosis, Subvalvar, Repair
☐ SubAortic stenosis, myectomy for HOCM
☐ Aortic stenosis, Supravalvar, Repair
☐ Aortic Other Valve surgery,
☐ Aneurysm Sinus of Valsalva, repair
☐ Aorta-LV tunnel repair
☐ Mitral Valvuloplasty
☐ Mitral Valvuloplasty converted to valve replacement in the same operation
☐ Mitral stenosis, Supravalvar mitral ring repair
☐ Mitral (MVR Valve replacement, )
☐ Mitral Valve surgery, Other,
☐ Norwood procedure
☐ HLHS biventricular repair
☐ Norwood Hybrid 1st Stage, RPA & LPA bands
☐ Norwood Hybrid 1st Stage, PDA Stent placement in arterial duct
☐ Norwood Hybrid 1st Stage, Bilateral PAB band and PDA Stent placement
☐ Norwood Hybrid 2nd Stage, Ao/P amalgamation + Cavopulmonary anastomosis(es) + PA Debanding + AA repair
☐ Norwood Hybrid 2nd Stage, Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair
☐ Transplant, Heart
☐ Transplant, Heart and lung
☐ Partial left ventriculectomy (LV volume reduction surgery) (Batista)
☐ Pericardial drainage procedure
☐ Pericardiectomy
☐ Pericardial procedure, Other
☐ Fontan, Atrio-pulmonary connection
☐ Fontan, Atrio-ventricular connection
☐ Fontan, TCPC, Lateral tunnel, Fenestrated
☐ Fontan, TCPC, Lateral tunnel, Nonfenestrated
☐ Fontan, TCPC, External conduit, Fenestrated
☐ Fontan, TCPC, External conduit, Nonfenestrated
☐ Fontan revision or conversion (Re-do Fontan)
☐ Fontan, Other
☐ Fontan + Atrioventricular valvuloplasty
☐ Ventricular septation
☐ Congenitally corrected TGA repair, Atrial switch and ASO (double switch)
☐ Congenitally corrected TGA repair, Atrial switch and Rastelli
☐ Congenitally corrected TGA repair, VSD closure
☐ Congenitally corrected TGA repair, VSD closure and LV to PA conduit
☐ Congenitally corrected TGA repair, Other
☐ TGA Arterial switch operation (ASO)
☐ TGA Arterial switch operation (ASO) and VSD repair
☐ TGA Arterial switch procedure + Aortic arch repair
☐ TGA Arterial switch procedure and VSD repair + Aortic arch repair
☐ TGA Senning
☐ TGA Mustard
☐ TGA Atrial baffle procedure, Mustard or Senning revision
☐ TGA Rastelli
☐ REV
☐ Aortic root translocation over left ventricle (Including Nikaidoh procedure)
☐ TGA, Other procedures (Kawashima, LV-PA conduit, other)
☐ DORV, Intraventricular tunnel repair
☐ DOLV repair
☐ Coarctation repair, End to end
☐ Coarctation repair, End to end, Extended
☐ Coarctation repair, Subclavian flap
☐ Coarctation repair, Patch aortoplasty
☐ Coarctation repair, Interposition graft
☐ Coarctation repair, Other
☐ Coarctation repair + VSD repair
☐ Aortic arch repair
☐ Aortic arch repair + VSD repair
☐ Coronary artery fistula ligatia
☐ Coronary artery Anomalous origin of coronary artery from pulmonary artery repair
☐ Coronary artery bypass
☐ Coronary artery Anomalous aortic origin of coronary artery from aorta (AAOCA) repair
☐ Coronary artery procedure, Other
☐ Interrupted aortic arch repair
☐ PDA closure, Surgical
☐ PDA closure, Device
☐ Vascular ring repair
☐ Aortoexy
☐ Pulmonary artery sling repair
☐ Aneurysm Aortic aneurysm repair
☐ Aneurysm Aortic dissection repair
☐ Lung biopsy
☐ Transplant, lung(s)
☐ Lung procedure, Other
☐ Pectus repair
☐ Tracheal procedure
☐ Pacemaker implantation, Permanent
☐ Pacemaker procedure
☐ Pacemaker explantation
☐ Pacemaker ICD (AICD) implantation
☐ Pacemaker ICD (AICD) ([automatic] implantable cardioverter defibrillator) procedure
☐ Arrhythmia surgery - atrial, Surgical Ablation
☐ Arrhythmia surgery - ventricular, Surgical Ablation
☐ Cardiovascular catheterization procedure, Diagnostic
☐ Cardiovascular catheterization procedure, Diagnostic, Angiographic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Electrophysiology alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic alteration
☐ Cardiovascular catheterization procedure, Diagnostic, Hemodynamic data obtained
☐ Cardiovascular catheterization procedure, Diagnostic, Transluminal test occlusion
☐ Cardiovascular catheterization procedure, Therapeutic
☐ Cardiovascular catheterization procedure, Therapeutic, Adjunctive therapy
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Balloon valvotomy
☐ Cardiovascular catheterization procedure, Therapeutic, Coil implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Device implantation
☐ Cardiovascular catheterization procedure, Therapeutic, Perforation (establishing interchamber and/or intervessel communication)
☐ Cardiovascular catheterization procedure, Therapeutic, Septostomy
☐ Cardiovascular catheterization procedure, Therapeutic, Stent insertion
☐ Cardiovascular catheterization procedure, Therapeutic, Stent re-dilation
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter Fontan completion
☐ Cardiovascular catheterization procedure, Therapeutic, Transcatheter implantation of valve
☐ Cardiovascular electrophysiological catheterization procedure
☐ Cardiovascular electrophysiological catheterization procedure, Therapeutic ablation
☐ Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)
☐ Shunt, Systemic to pulmonary, Central (from aorta or to main pulmonary artery)
☐ Shunt, Systemic to pulmonary, Other
☐ Shunt, Ligation and takedown
☐ Shunt, Reoperation
☐ PA banding (PAB)
☐ PA debanding

If other, specify: ______________________

Comments: