

Not Started **Tier 2 Surgery Form**

Print this Form

Date of Surgery  DD/MM/YYYY

**1 Primary Cardiac Procedure**

Select the patient's primary surgical procedure. If the patient has multiple operating room visits, these should be reported on additional "New Surgery Forms".

- |  |   |
|--|---|
| <p><u>Anomalous systemic venous connection</u></p> <p><input type="radio"/> Anomalous systemic venous connection repair</p> <p><u>Aortic Aneurysm</u></p> <p><input type="radio"/> Aortic aneurysm repair</p> <p><u>Aortic Dissection</u></p> <p><input type="radio"/> Aortic Dissection repair</p> <p><u>Aortic Root Replacement</u></p> <p><input type="radio"/> Aortic Root Replacement, Bioprosthetic</p> <p><input type="radio"/> Aortic Root Replacement, Mechanical</p> <p><input type="radio"/> Aortic Root Replacement, Homograft</p> <p><input type="radio"/> Aortic Root Replacement, Valve sparing</p> <p><u>Aortic Valve Disease</u></p> <p><input type="radio"/> Ross procedure</p> <p><input type="radio"/> Konno procedure (with and without aortic valve replacement)</p> <p><input type="radio"/> Ross Konno Procedure</p> <p><input type="radio"/> Repair of Supraaortic Stenosis</p> <p><input type="radio"/> Other aortic annular enlargement procedure</p> <p><input type="radio"/> Aortic Valve Repair</p> <p><u>Aortic Valve Replacement</u></p> <p><input type="radio"/> Aortic Valve Replacement (AVR), Mechanical</p> <p><input type="radio"/> Aortic Valve Replacement (AVR), Bioprosthetic</p> <p><input type="radio"/> Aortic Valve Replacement (AVR), Homograft</p> <p><u>AP Window</u></p> <p><input type="radio"/> Aorto-pulmonary (AP) window repair</p> <p><input type="radio"/> Pulmonary artery origin from ascending aorta (hemitruncus) repair</p> <p><u>ASD</u></p> <p><input type="radio"/> Patent Foramen Ovale (PFO), Primary closure</p> <p><input type="radio"/> Atrial Septal Defect (ASD) repair, Primary closure</p> <p><input type="radio"/> Atrial Septal Defect (ASD) repair, Patch</p> <p><input type="radio"/> Atrial Septal Defect (ASD) repair, Partial closure</p> <p><input type="radio"/> Atrial Septal Defect (ASD) repair, Device</p> <p><input type="radio"/> Atrial Septal Defect (ASD) repair, Patch + Partial anomalous pulmonary venous connection repair</p> <p><input type="radio"/> Atrial Septal Defect (ASD), Common atrium (single atrium), Septation</p> <p><input type="radio"/> Atrial Septal Defect (ASD) creation/enlargement</p> <p><input type="radio"/> Atrial Septal Fenestration</p> <p><input type="radio"/> Atrial fenestration closure</p> <p><u>AV Canal</u></p> <p><input type="radio"/> Common atrioventricular (AV) valve Repair</p> <p><input type="radio"/> Common atrioventricular (AV) valve Replacement</p> <p><input type="radio"/> Atrioventricular (AV, AVSD) Septal Defect Re-repair (within 90 days)</p> <p><u>Cardiomyopathy</u></p> <p><input type="radio"/> Transplant, Heart</p> <p><input type="radio"/> Transplant, Heart and lung</p> <p><u>Coarctation of Aorta and Aortic arch hypoplasia</u></p> <p><input type="radio"/> Coarctation repair + Ventricular Septal Defect repair</p> <p><input type="radio"/> Aortic arch repair</p> <p><input type="radio"/> Aortic arch repair + Ventricular Septal Defect repair</p> | <p><input type="radio"/> Cardiac tumor resection</p> <p><input type="radio"/> Pulmonary AV fistula repair/occlusion</p> <p><input type="radio"/> Ligation, Pulmonary artery (PA)</p> <p><input type="radio"/> Pulmonary embolectomy, Acute pulmonary embolus (PE)</p> <p><input type="radio"/> Pulmonary embolectomy, Chronic pulmonary embolus (PE)</p> <p><input type="radio"/> Procedures for Chylothorax</p> <p><input type="radio"/> Other, specify</p> <p><u>Mitral Valve Disease</u></p> <p><input type="radio"/> Supravalvar mitral ring repair: resection</p> <p><input type="radio"/> Mitral Valve (MV) Repair (Left Atrioventricular Valve)</p> <p><u>Mitral Valve Replacement (Left Atrioventricular Valve)</u></p> <p><input type="radio"/> Mitral Valve (MV) Replacement, Mechanical</p> <p><input type="radio"/> Mitral Valve (MV) Replacement, Bioprosthetic</p> <p><input type="radio"/> Mitral Valve (MV) Replacement, Homograft</p> <p><u>Palliative Procedures</u></p> <p><input type="radio"/> Shunt, Ligation and Takedown</p> <p><input type="radio"/> Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)</p> <p><input type="radio"/> Shunt, Systemic to pulmonary, Central (shunt from aorta)</p> <p><input type="radio"/> Shunt, Systemic to pulmonary, Other</p> <p><input type="radio"/> Pulmonary Artery banding (PAB)</p> <p><input type="radio"/> Pulmonary Artery debanding</p> <p><input type="radio"/> Damus-Kaye-Stansel procedure (DKS) (creation of Aorto-pulmonary anastomosis without arch reconstruction)</p> <p><input type="radio"/> Hepatic vein to azygous vein connection, Direct or with Interposition Graft</p> <p><input type="radio"/> Kawashima operation (superior cavopulmonary connection in setting of interrupted IVC with azygous continuation)</p> <p><input type="radio"/> Bidirectional cavopulmonary anastomosis (BDCPA) (bidirectional Glenn) Re-repair (within 90 days)</p> <p><u>Partial Anomalous Pulmonary Venous Connection (PAPVC)</u></p> <p><input type="radio"/> Partial Anomalous Pulmonary Venous Connection (PAPVC) Re-repair (within 90 days)</p> <p><u>Patent Ductus Arteriosus</u></p> <p><input type="radio"/> Patent Ductus Arteriosus (PDA) closure, Surgical</p> <p><u>Pericardial Disease</u></p> <p><input type="radio"/> Pericardial drainage procedure</p> <p><input type="radio"/> Pericardiectomy</p> <p><input type="radio"/> Pericardial procedure, Other</p> <p><u>Pulmonary Atresia/VSD</u></p> <p><input type="radio"/> Pulmonary atresia - VSD (including TOF, PA) repair</p> <p><input type="radio"/> Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1 stage that includes pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])</p> <p><input type="radio"/> Pulmonary atresia - VSD - MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])</p> <p><input type="radio"/> Pulmonary atresia - VSD - MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])</p> <p><input type="radio"/> Unifocalization MAPCA(s), Bilateral pulmonary unifocalization</p> <p><input type="radio"/> Unifocalization MAPCA(s), Unilateral pulmonary unifocalization</p> <p><u>Pulmonary Valve Disease</u></p> |
|--|---|

- Coarctation Re-repair (within 90 days)
- Conduit Operations
- Conduit placement, Right Ventricle (RV) to Pulmonary Artery (PA) (primary or reoperation)
- Conduit placement, Left Ventricle (LV) to Pulmonary Artery (PA)
- Conduit placement, Ventricle to aorta
- Congenitally Corrected TGA
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Atrial switch and ASO (double switch)
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Atrial switch and Rastelli
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, VSD closure
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, VSD closure and Left ventricular to Pulmonary Artery conduit
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Other
- Cor triatriatum
- Cor triatriatum repair
- Coronary Artery Anomalies
- Coronary artery fistula ligation
- Anomalous origin of coronary artery from pulmonary artery repair
- Coronary artery bypass (CABG)
- Anomalous aortic origin of coronary artery (AAOCA) repair
- Coronary artery procedure, Other
- DOLV
- Double Outlet Left Ventricle repair (DOLV)
- DORV
- Double Outlet Right Ventricle (DORV), Intraventricular tunnel repair
- Electrophysiological
- Pacemaker implantation, Permanent
- ICD (AICD) implantation
- Arrhythmia surgery - atrial, Surgical Ablation
- Arrhythmia surgery - ventricular, Surgical Ablation
- Hybrid
- Hybrid Approach "Stage 1", Application of RPA & LPA bands
- Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA)
- Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA & LPA bands
- Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Aortic arch repair (Norwood [Stage 1] + Superior Cavopulmonary anastomosis(es) + PA Debanding)
- Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair Hybrid Approach, Transcatheter balloon dilatation
- Hybrid Approach, Transcatheter balloon dilatation
- Hybrid Approach, Transcatheter device placement
- Hypoplastic Left Heart and Related malformations
- Conduit insertion right ventricle (RV) to pulmonary artery (PA) + Intraventricular tunnel left ventricle (LV) to neo-aorta + arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
- Norwood procedure Re-repair (within 90 days)
- Interrupted Arch
- Interrupted aortic arch repair
- LV to Aorta Tunnel
- LV to aorta tunnel repair
- Mechanical Support
- Extracorporeal membrane oxygenation (ECMO) Cannulation
- Extracorporeal membrane oxygenation (ECMO) Decannulation
- Right Heart Temporary Ventricular Assist Device (RVAD)
- Right Heart Long-Term Ventricular Assist Device (RVAD)
- Left Heart Temporary Ventricular Assist Device (LVAD)
- Left Heart Long-Term Ventricular Assist Device (LVAD)
- Pulmonary Valve (PV) Replacement, Mechanical
- Pulmonary Valve (PV) Replacement, Bioprosthetic
- Pulmonary Valve (PV) Replacement, Homograft
- Pulmonary Valve (PV) Replacement, Other
- Pulmonary Valve (PV) Repair
- Pulmonary venous stenosis
- Pulmonary venous stenosis repair
- Repair of Subaortic Stenosis
- Membrane Resection
- Myomectomy
- Extended Myomectomy
- RVOT Obstruction, IVS Pulmonary Stenosis
- Right ventricular Outflow Tract (RVOT) procedure and/or Transannular patch
- 1 1/2 ventricular repair
- Pulmonary Artery (PA), reconstruction, Main
- Pulmonary Artery (PA), reconstruction, Central
- Pulmonary Artery (PA), reconstruction, Peripheral
- Double Chamber Right Ventricle (DCRV)
- Single Ventricle
- Fontan revision or conversion (Re-do Fontan)
- Ventricular septation
- Fontan Re-repair (within 90 days)
- Sinus of Valsalva Aneurysm
- Sinus of Valsalva, Aneurysm repair
- Systemic venous obstruction
- Systemic venous stenosis repair
- Tetralogy of Fallot Repair
- Tetralogy of Fallot (TOF) repair/Atrioventricular septal defect (AVSD) repair
- Tetralogy of Fallot (TOF) - Absent pulmonary valve (PV) repair
- Tetralogy of Fallot (TOF) Re-repair (within 90 days)
- Total Anomalous Pulmonary Venous Connection (TAPVC)
- Total Anomalous Pulmonary Venous Connection (TAPVC) Re-repair (within 90 days)
- Transposition of the Great Arteries
- Arterial switch operation (ASO) and VSD repair
- Arterial switch procedure + Aortic arch repair
- Arterial switch procedure and VSD repair + Aortic arch repair
- Arterial switch operation (ASO) Re-repair (within 90 days)
- Senning
- Mustard
- Atrial baffle procedure, Mustard or Senning revision
- Rastelli
- Reparation A L Etage Ventriculaire (REV)
- Aortic root translocation over left ventricle (Including Nikaidoh procedure)
- Transposition of the Great Arteries (TGA), Other procedures (Kawashima, Left Ventricular to Pulmonary Artery conduit, other)
- Tricuspid Valve Disease and Ebstein's Anomaly
- Tricuspid Valve (TV) Replacement (Right Atrioventricular Valve)
- Tricuspid Valve (TV) Repair (Right Atrioventricular Valve)
- Ebstein's Re-repair (within 90 days)
- Truncus Arteriosus
- Truncal Valve Repair
- Truncal Valve Replacement
- Truncus + Interrupted aortic arch repair (IAA) repair
- Truncus arteriosus Re-repair (within 90 days)
- Vascular Rings and Slings
- Vascular ring repair
- Aortopexy
- Pulmonary artery (PA) sling repair

- Total Artificial Heart (TAH)
- Miscellaneous Procedures
- Aneurysm, Ventricular, Right, Repair
- Aneurysm, Ventricular, Left, Repair
- Aneurysm, Pulmonary artery (PA), Repair

- VSD
- Ventricular septal patch fenestration
  - Ventricular Septal Defect (VSD) Re-repair (within 90 days)

**2. Were there any additional Cardiac Procedures during the same OR visit?**

Yes

No

Unknown

**2a Additional Cardiac Procedures during the same OR visit**

(Check all that apply)

0 option(s) selected

Anomalous systemic venous connection

- Anomalous systemic venous connection repair

Aortic Aneurysm

- Aortic aneurysm repair

Aortic Dissection

- Aortic Dissection repair

Aortic Root Replacement

- Aortic Root Replacement, Bioprosthetic
- Aortic Root Replacement, Mechanical
- Aortic Root Replacement, Homograft
- Aortic Root Replacement, Valve sparing

Aortic Valve Disease

- Ross procedure
- Konno procedure (with and without aortic valve replacement)
- Ross Konno Procedure
- Repair of Supraaortic Stenosis
- Other aortic annular enlargement procedure
- Aortic Valve Repair

Aortic Valve Replacement

- Aortic Valve Replacement (AVR), Mechanical
- Aortic Valve Replacement (AVR), Bioprosthetic
- Aortic Valve Replacement (AVR), Homograft

AP Window

- Aorto-pulmonary (AP) window repair
- Pulmonary artery origin from ascending aorta (hemitruncus) repair

ASD

- Patent Foramen Ovale (PFO), Primary closure
- Atrial Septal Defect (ASD) repair, Primary closure
- Atrial Septal Defect (ASD) repair, Patch
- Atrial Septal Defect (ASD) repair, Partial closure
- Atrial Septal Defect (ASD) repair, Device
- Atrial Septal Defect (ASD) repair, Patch + Partial anomalous pulmonary venous connection repair
- Atrial Septal Defect (ASD), Common atrium (single atrium), Septation
- Atrial Septal Defect (ASD) creation/enlargement
- Atrial Septal Fenestration
- Atrial fenestration closure

AV Canal

- Atrioventricular (AV, AVSD) Septal Repair, Complete
- Atrioventricular (AV, AVSD) Septal Repair, Intermediate (Transitional)
- Atrioventricular (AV, AVSD) Septal Repair, Partial (Incomplete) (PAVSD)

- Mitral Valve (MV) Repair (Left Atrioventricular Valve)

Mitral Valve Replacement (Left Atrioventricular Valve)

- Mitral Valve (MV) Replacement, Mechanical
- Mitral Valve (MV) Replacement, Bioprosthetic
- Mitral Valve (MV) Replacement, Homograft

Palliative Procedures

- Shunt, Ligation and Takedown
- Shunt, Systemic to pulmonary, Modified Blalock-Taussig Shunt (MBTS)
- Shunt, Systemic to pulmonary, Central (shunt from aorta)
- Shunt, Systemic to pulmonary, Other
- Pulmonary Artery banding (PAB)
- Pulmonary Artery debanding
- Damus-Kaye-Stansel procedure (DKS) (creation of Aorto-pulmonary anastomosis without arch reconstruction)
- Bidirectional cavopulmonary anastomosis (BDCPA) (bidirectional Glenn)
- Glenn (unidirectional cavopulmonary anastomosis) (unidirectional Glenn)
- Bilateral bidirectional cavopulmonary anastomosis (BBDCPA) (bilateral bidirectional Glenn)
- Hemi-Fontan
- Hepatic vein to azygous vein connection, Direct or with Interposition Graft
- Kawashima operation (superior cavopulmonary connection in setting of interrupted IVC with azygous continuation)
- Bidirectional cavopulmonary anastomosis (BDCPA) (bidirectional Glenn) Re-repair (within 90 days)

Partial Anomalous Pulmonary Venous Connection

- Partial Anomalous Pulmonary Venous Connection (PAPVC) repair
- Partial Anomalous Pulmonary Venous Connection (PAPVC), Scimitar, Repair
- PAPVC repair, Baffle redirection to left atrium with systemic vein translocation (Warden) (SVC sewn to right atrial appendage)
- Partial Anomalous Pulmonary Venous Connection (PAPVC) Re-repair (within 90 days)

Patent Ductus Arteriosus

- Patent Ductus Arteriosus (PDA) closure, Surgical

Pericardial Disease

- Pericardial drainage procedure
- Pericardiectomy
- Pericardial procedure, Other

Pulmonary Atresia/VSD

- Pulmonary atresia - VSD (including TOF, PA) repair
- Pulmonary atresia - VSD - MAPCA repair, Complete single stage repair (1 stage that includes pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])

- Common atrioventricular (AV) valve Repair
- Common atrioventricular (AV) valve Replacement
- Atrioventricular (AV, AVSD) Septal Defect Re-repair (within 90 days)

Cardiomyopathy

- Transplant, Heart
- Transplant, Heart and lung

Coartaction of Aorta and Aortic arch hypoplasia

- 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 + Ventricular Septal Defect repair
- Aortic arch repair
- Aortic arch repair + Ventricular Septal Defect repair
- Coarctation repair, Extra-anatomic Bypass
- Coarctation Re-repair (within 90 days)

Conduit Operations

- Conduit placement, Right Ventricle (RV) to Pulmonary Artery (PA) (primary or reoperation)
- Conduit placement, Left Ventricle (LV) to Pulmonary Artery (PA)
- Conduit placement, Ventricle to aorta

Congenitally Corrected TGA

- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Atrial switch and ASO (double switch)
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Atrial switch and Rastelli
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, VSD closure
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, VSD closure and Left ventricular to Pulmonary Artery conduit
- Congenitally corrected Transposition of the Great Arteries (TGA) repair, Other

Cor triatriatum

- Cor triatriatum repair

Coronary Artery Anomalies

- Coronary artery fistula ligation
- Anomalous origin of coronary artery from pulmonary artery repair
- Coronary artery bypass (CABG)
- Anomalous aortic origin of coronary artery (AAOCA) repair
- Coronary artery procedure, Other

DOLV

- Double Outlet Left Ventricle repair (DOLV)

DORV

- Double Outlet Right Ventricle (DORV), Intraventricular tunnel repair

Electrophysiological

- Pacemaker implantation, Permanent
- ICD (AICD) implantation
- Arrhythmia surgery - atrial, Surgical Ablation
- Arrhythmia surgery - ventricular, Surgical Ablation

Hybrid

- Hybrid Approach "Stage 1", Application of RPA & LPA bands
- Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA)
- Hybrid Approach "Stage 1", Stent placement in arterial duct (PDA) + application of RPA & LPA bands
- Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Aortic arch repair (Norwood [Stage 1] + Superior Cavopulmonary anastomosis(es) + PA Debanding)

- Pulmonary atresia - VSD – MAPCA repair, Status post prior complete unifocalization (includes VSD closure + RV to PA connection [with or without conduit])

- Pulmonary atresia - VSD – MAPCA repair, Status post prior incomplete unifocalization (includes completion of pulmonary unifocalization + VSD closure + RV to PA connection [with or without conduit])

- Unifocalization MAPCA(s), Bilateral pulmonary unifocalization
- Unifocalization MAPCA(s), Unilateral pulmonary unifocalization

Pulmonary Valve Disease

- Pulmonary Valve (PV) Replacement, Mechanical
- Pulmonary Valve (PV) Replacement, Bioprosthetic
- Pulmonary Valve (PV) Replacement, Homograft
- Pulmonary Valve (PV) Replacement, Other
- Pulmonary Valve (PV) Repair

Pulmonary venous stenosis

- Pulmonary venous stenosis repair

Repair of Subaortic Stenosis

- Membrane Resection
- Myomectomy
- Extended Myomectomy

RVOT Obstruction, IVS Pulmonary Stenosis

- Right ventricular Outflow Tract (RVOT) procedure and/or Transannular patch
- 1 1/2 ventricular repair
- Pulmonary Artery (PA), reconstruction, Main
- Pulmonary Artery (PA), reconstruction, Central
- Pulmonary Artery (PA), reconstruction, Peripheral
- Double Chamber Right Ventricle (DCRV)

Single Ventricle

- Fontan Operation (Complete Cavo-pulmonary anastomosis), Extracardiac Type: Fenestrated
- Fontan Operation (Complete Cavo-pulmonary anastomosis), Extracardiac Type: Non-fenestrated
- Fontan Operation (Complete Cavo-pulmonary anastomosis), Lateral Tunnel Type
- Fontan Operation (Complete Cavo-pulmonary anastomosis), Extra/Intra Cardiac Type
- Fontan Operation (Complete Cavo-pulmonary anastomosis), Internal Conduit Type
- Fontan Operation (Complete Cavo-pulmonary anastomosis), Other
- Fontan revision or conversion (Re-do Fontan)
- Fontan, Other
- Ventricular septation
- Fontan Re-repair (within 90 days)

Sinus of Valsalva Aneurysm

- Sinus of Valsalva, Aneurysm repair

Systemic venous obstruction

- Systemic venous stenosis repair

Tetralogy of Fallot Repair

- Tetralogy of Fallot (TOF) repair
- Tetralogy of Fallot (TOF) repair, Ventriculotomy
- Tetralogy of Fallot (TOF) repair, Transannular patch
- Tetralogy of Fallot (TOF) repair, RV-PA conduit
- Tetralogy of Fallot (TOF) repair/Atrioventricular septal defect (AVSD) repair
- Tetralogy of Fallot (TOF) - Absent pulmonary valve (PV) repair
- Tetralogy of Fallot (TOF) repair, Pulmonary Artery (PA) Reconstruction
- Tetralogy of Fallot (TOF) repair, Valvotomy
- Tetralogy of Fallot (TOF) Re-repair (within 90 days)

Total Anomalous Pulmonary Venous Connection

- Total Anomalous Pulmonary Venous Connection (TAPVC) repair
- Total Anomalous Pulmonary Venous Connection (TAPVC) Re-repair (within 90 days)

- Hybrid approach "Stage 2", Aortopulmonary amalgamation + Superior Cavopulmonary anastomosis(es) + PA Debanding + Without aortic arch repair Hybrid Approach, Transcardiac balloon dilatation
- Hybrid Approach, Transcardiac balloon dilatation
- Hybrid Approach, Transcardiac transcatheter device placement

Hypoplastic Left Heart and Related malformations

- Norwood procedure (w/mBT shunt)
- Norwood procedure (RV-PA Conduit)
- Conduit insertion right ventricle (RV) to pulmonary artery (PA) + Intraventricular tunnel left ventricle (LV) to neo-aorta + arch reconstruction (Rastelli and Norwood type arch reconstruction) (Yasui)
- Norwood procedure Re-repair (within 90 days)

Interrupted Arch

- Interrupted aortic arch repair

LV to Aorta Tunnel

- LV to aorta tunnel repair

Mechanical Support

- Extracorporeal membrane oxygenation (ECMO) Cannulation
- Extracorporeal membrane oxygenation (ECMO) Decannulation
- Right Heart Temporary Ventricular Assist Device (RVAD)
- Right Heart Long-Term Ventricular Assist Device (RVAD)
- Left Heart Temporary Ventricular Assist Device (LVAD)
- Left Heart Long-Term Ventricular Assist Device (LVAD)
- Total Artificial Heart (TAH)

Miscellaneous Procedures

- Aneurysm, Ventricular, Right, Repair
- Aneurysm, Ventricular, Left, Repair
- Aneurysm, Pulmonary artery (PA), Repair
- Cardiac tumor resection
- Pulmonary AV fistula repair/occlusion
- Ligation, Pulmonary artery (PA)
- Pulmonary embolectomy, Acute pulmonary embolus (PE)
- Pulmonary embolectomy, Chronic pulmonary embolus (PE)
- Procedures for Chylothorax
- Other, specify

Mitral Valve Disease

- Supravalvar mitral ring repair: resection

Transposition of the Great Arteries

- Arterial switch operation (ASO)
- Arterial switch operation (ASO) and VSD repair
- Arterial switch procedure + Aortic arch repair
- Arterial switch procedure and VSD repair + Aortic arch repair
- Arterial switch operation (ASO) Re-repair (within 90 days)
- Senning
- Mustard
- Atrial baffle procedure, Mustard or Senning revision
- Rastelli
- Reparation A L Etage Ventriculaire (REV)
- Aortic root translocation over left ventricle (Including Nikaidoh procedure)
- Transposition of the Great Arteries (TGA), Other procedures (Kawashima, Left Ventricular to Pulmonary Artery conduit, other)

Tricuspid Valve Disease and Ebstein's Anomaly

- Ebstein's repair
- Tricuspid Valve (TV) Replacement (Right Atrioventricular Valve)
- Tricuspid Valve (TV) Repair (Right Atrioventricular Valve)
- Ebstein's Re-repair (within 90 days)

Truncus Arteriosus

- Truncus arteriosus repair
- Truncal Valve Repair
- Truncal Valve Replacement
- Truncus + Interrupted aortic arch repair (IAA) repair
- Truncus arteriosus Re-repair (within 90 days)

Vascular Rings and Slings

- Vascular ring repair
- Aortopexy
- Pulmonary artery (PA) sling repair

VSD

- Ventricular Septal Defect (VSD) repair, Primary closure
- Ventricular Septal Defect (VSD) repair, Patch
- Ventricular Septal Defect (VSD) repair, Device
- Ventricular Septal Defect (VSD), Multiple, Repair
- Ventricular Septal Defect (VSD) creation/enlargement
- Ventricular septal patch fenestration
- Ventricular Septal Defect (VSD) Re-repair (within 90 days)

### 3 Primary Cardiac Diagnosis

Related to this surgery (Check only one). Select the structural heart disease (such as aortic stenosis, valvar) as the primary diagnosis. Other diagnoses (such as rheumatic heart disease) will be listed as additional diagnoses.

Anomalous Systemic Venous Connection

- Systemic venous anomaly

Aortic Aneurysm

- Aortic aneurysm (including pseudoaneurysm)

Aortic dissection

- Aortic dissection

Aortic Valve Disease

- Aortic stenosis, Subvalvar
- Aortic stenosis, Valvar
- Aortic stenosis, Supravalvar
- Aortic valve atresia
- Aortic insufficiency
- Aortic insufficiency and aortic stenosis
- Aortic valve, Other

AP Window

Mitral Valve Disease

- Mitral stenosis (Annular Hypoplasia)
- Mitral stenosis, Subvalvar
- Mitral stenosis, Subvalvar, Parachute
- Mitral stenosis, Supravalvar mitral ring
- Mitral stenosis, Valvar
- Mitral regurgitation
- Mitral regurgitation and mitral stenosis
- Mitral valve (MV), Other

Partial anomalous pulmonary venous connection

- Partial anomalous pulmonary venous connection (PAPVC)
- Partial anomalous pulmonary venous connection (PAPVC), scimitar

Patent ductus arteriosus

- Patent ductus arteriosus (PDA)

Pericardial Disease

- Aorto-pulmonary (AP) window (aortopulmonary window)
- Pulmonary artery origin from ascending aorta (hemitruncus)
- ASD
- Patent oval foramen (patent foramen ovale) (PFO)
- Atrial Septal Defect (ASD), Secundum
- Atrial Septal Defect (ASD), Venosus
- Atrial Septal Defect (ASD), Coronary Sinus
- Atrial Septal Defect (ASD), Common Atrium (single Atrium)
- AV Canal
- Atrioventricular (AV) Canal Defect, Intermediate (transitional)
- Atrioventricular (AV) Canal Defect, Partial (incomplete) (PAVSD) (ASD, primum)
- Complete Atrioventricular (AV) Canal Defect
- Cardiomyopathy
- Cardiomyopathy (including dilated, restrictive, and hypertrophic)
- Cardiomyopathy, End-stage congenital heart disease
- Coarctation of Aorta and Aortic arch hypoplasia
- Coarctation of aorta
- Aortic arch hypoplasia
- Ventricular Septal Defect (VSD) + Aortic arch hypoplasia
- Ventricular Septal Defect (VSD) + Coarctation of aorta
- Conduit Failure
- Conduit Failure
- Congenitally Corrected TGA
- Congenitally corrected Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)
- Congenitally corrected Transposition of the Great Arteries (TGA)
- Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)-Left Ventricular Outflow Tract (LVOT) Obstruction
- Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)
- Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)-Left Ventricular Outflow Tract (LVOT) Obstruction
- Cor triatriatum
- Cor triatriatum
- Coronary Artery Anomalies
- Coronary artery anomaly, Aneurysm
- Coronary artery anomaly, Anomalous aortic origin of coronary artery (AAOCA) (AAOCA)
- Coronary artery anomaly, Anomalous pulmonary origin (includes ALCAPA)
- Coronary artery anomaly, Fistula
- Coronary artery anomaly, Other
- DOLV
- Double Outlet Left Ventricle (DOLV)
- DORV
- Double Outlet Right Ventricle (DORV)
- Double Outlet Right Ventricle (DORV), Atrioventricular (AV) Septal Defect
- Double Outlet Right Ventricle (DORV), Intact Ventricular Septum (IVS)
- Double Outlet Right Ventricle (DORV), Remote VSD (Uncommitted)
- Double Outlet Right Ventricle (DORV), Tetralogy of Fallot (TOF) type
- Double Outlet Right Ventricle (DORV), Transposition of Great Arteries (TGA) Type
- Electrophysiological
- Arrhythmia
- Arrhythmia, atrial
- Arrhythmia, heart block
- Arrhythmia, ventricular
- Hypoplastic left heart syndrome
- Hypoplastic left heart syndrome (HLHS)

- Pericardial Disease (Non Specific)
- Pulmonary atresia
- Pulmonary atresia
- Pulmonary atresia, Intact Ventricular Spetum
- Pulmonary atresia, VSD (Including TOF, PA)
- Pulmonary atresia, Ventriucular Septal Defect (VSD) - Multiple aorto-pulmonary collateral artery
- Pulmonary atresia MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)
- Pulmonary Valve Disease
- Pulmonary insufficiency
- Pulmonary valve, Other
- Pulmonary insufficiency and pulmonary stenosis
- Pulmonary venous stenosis
- Pulmonary venous stenosis
- RVOT Obstruction and/or Pulmonary Stenosis
- Pulmonary stenosis, Valvar
- Pulmonary stenosis, Subvalvar
- Pulmonary artery stenosis (hypoplasia), Main (trunk) (Supravalvar Stenosis)
- Pulmonary artery stenosis, Branch, Central (within the hilar bifurcation)
- Pulmonary artery stenosis, Branch, Peripheral (at or beyond the hilar bifurcation)
- Pulmonary artery, Discontinuous
- Double Chamber Right Ventricle (DCRV)
- Shone's syndrome
- Shone's syndrome
- Shunt Failure
- Shunt Failure
- Single Ventricle
- Single ventricle, Double Inlet left ventricle (DILV)
- Single ventricle, Double Inlet Right Ventricle (DIRV)
- Single ventricle, Mitral atresia
- Single ventricle, Unbalanced Atrio-ventricular canal (AV Canal) Defect
- Single ventricle, Heterotaxia syndrome
- Single ventricle, Other
- Single ventricle + Total anomalous pulmonary venous connection (TAPVC)
- Single ventricle, Tricuspid atresia
- Sinus of Valsalva Fistula/Aneurysm
- Sinus of Valsalva aneurysm
- Systemic venous obstruction
- Systemic venous obstruction
- Tetralogy of Fallot
- Tetralogy of Fallot (TOF)
- Tetralogy of Fallot (TOF), Pulmonary stenosis
- Tetralogy of Fallot (TOF), complete Atrio-ventricular (AV) septal Defect
- Tetralogy of Fallot (TOF), Absent pulmonary valve
- Total anomalous pulmonary venous connection
- Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)
- Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)
- Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)
- Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)
- Transposition of the Great Arteries
- Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)-Left Ventricular Outflow Tract (LVOT) Obstruction
- Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)
- Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)
- Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)-Left Ventricular Outflow Tract (LVOT) Obstruction
- Tricuspid Valve Disease and Ebstein's Anomaly
- Ebstein's anomaly

- Interrupted aortic arch (IAA)
- Interrupted aortic arch (IAA) + Aorto-Pulmonary window
- Interrupted aortic arch (IAA) + Ventricular Septal Defect (VSD)

LV to Aorta Tunnel

- Left Ventricular to aorta tunnel

Miscellaneous, Other

- Atrial Isomerism, Left
- Atrial Isomerism, Right
- Dextrocardia
- Levocardia
- Mesocardia
- Aneurysm, Pulmonary artery
- Prosthetic valve failure
- Cardiac tumor
- Pulmonary vascular obstructive disease (Eisenmenger's)
- Prosthetic valve Endocarditis
- Situs inversus
- Aneurysm, Other
- Aneurysm, Ventricular, Left (including pseudoaneurysm)
- Aneurysm, Ventricular, Right (including pseudoaneurysm)

- Tricuspid regurgitation and tricuspid stenosis
- Tricuspid stenosis
- Tricuspid valve (TV), Other

Truncus arteriosus

- Truncus arteriosus
- Truncus arteriosus + Interrupted aortic arch (IAA)
- Truncal valve insufficiency

Vascular rings and Slings

- Vascular Ring
- Pulmonary Artery (PA) Sling

VSD

- VSD Ventricular Septal Defect (VSD), Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)
- VSD Ventricular Septal Defect (VSD), Type 2 (Perimembranous) (Paramembranous) (Conoventricular)
- VSD Ventricular Septal Defect (VSD), Type 3 (Inlet) (AV canal type)
- VSD Ventricular Septal Defect (VSD), Type 4 (Muscular)
- VSD Ventricular Septal Defect (VSD), Type: Gerbode type (LV-RA communication)
- VSD Ventricular Septal Defect (VSD), Multiple

3a.i

Aortic Arch Coarctation?

- Yes
- No
- Unknown

3a.ii

Aortic Arch Hypoplasia?

- Yes
- No
- Unknown

3a.iii

Aortic Valve Atresia?

- Yes
- No
- Unknown

3a.iv

Aortic Valve Stenosis?

- Yes
- No
- Unknown

3a.v

Aortic Valve Hypoplasia?

- Yes
- No
- Unknown

3a.vi

Mitral Valve Atresia?

- Yes
- No
- Unknown

3a.vii

Mitral Valve Stenosis?

- Yes
- No
- Unknown

3a.viii

Mitral Valve Hypoplasia?

- Yes
- No
- Unknown



**3a.ix Ventricular Septal Defect?**  Yes  
 No  
 Unknown

**3a.x Left Ventricle Size?**  Normal  
 Small  
 Unknown

**4. Are there any additional Cardiac Diagnoses?**  Yes  
 No  
 Unknown

**4a Additional Cardiac Diagnoses**

Check all that apply. List the structural heart disease (such as aortic stenosis, valvar) as the primary diagnosis and other diagnoses (such as rheumatic heart disease) here.

0 option(s) selected

- |   |  |
|---|--|
| <p><u>Anomalous Systemic Venous Connection</u></p> <p><input type="checkbox"/> Systemic venous anomaly</p> <p><u>Aortic Aneurysm</u></p> <p><input type="checkbox"/> Aortic aneurysm (including pseudoaneurysm)</p> <p><u>Aortic dissection</u></p> <p><input type="checkbox"/> Aortic dissection</p> <p><u>Aortic Valve Disease</u></p> <p><input type="checkbox"/> Aortic stenosis, Subvalvar</p> <p><input type="checkbox"/> Aortic stenosis, Valvar</p> <p><input type="checkbox"/> Aortic stenosis, Supravalvar</p> <p><input type="checkbox"/> Aortic valve atresia</p> <p><input type="checkbox"/> Aortic insufficiency</p> <p><input type="checkbox"/> Aortic insufficiency and aortic stenosis</p> <p><input type="checkbox"/> Aortic valve, Other</p> <p><u>AP Window</u></p> <p><input type="checkbox"/> Aorto-pulmonary (AP) window (aortopulmonary window)</p> <p><input type="checkbox"/> Pulmonary artery origin from ascending aorta (hemitruncus)</p> <p><u>ASD</u></p> <p><input type="checkbox"/> Patent oval foramen (patent foramen ovale) (PFO)</p> <p><input type="checkbox"/> Atrial Septal Defect (ASD), Secundum</p> <p><input type="checkbox"/> Atrial Septal Defect (ASD), Venosus</p> <p><input type="checkbox"/> Atrial Septal Defect (ASD), Coronary Sinus</p> <p><input type="checkbox"/> Atrial Septal Defect (ASD), Common Atrium (single Atrium)</p> <p><u>AV Canal</u></p> <p><input type="checkbox"/> Atrioventricular (AV) Canal Defect, Intermediate (transitional)</p> <p><input type="checkbox"/> Atrioventricular (AV) Canal Defect, Partial (incomplete) (PAVSD) (ASD, primum)</p> <p><input type="checkbox"/> Complete Atrioventricular (AV) Canal Defect</p> <p><u>Cardiomyopathy</u></p> <p><input type="checkbox"/> Cardiomyopathy (including dilated, restrictive, and hypertrophic)</p> <p><input type="checkbox"/> Cardiomyopathy, End-stage congenital heart disease</p> <p><u>Coarctation of Aorta and Aortic arch hypoplasia</u></p> <p><input type="checkbox"/> Coarctation of aorta</p> <p><input type="checkbox"/> Aortic arch hypoplasia</p> <p><input type="checkbox"/> Ventricular Septal Defect (VSD) + Aortic arch hypoplasia</p> <p><input type="checkbox"/> Ventricular Septal Defect (VSD) + Coarctation of aorta</p> | <p><input type="checkbox"/> Aneurysm, Ventricular, Right (including pseudoaneurysm)</p> <p><u>Mitral Valve Disease</u></p> <p><input type="checkbox"/> Mitral stenosis (Annular Hypoplasia)</p> <p><input type="checkbox"/> Mitral stenosis, Subvalvar</p> <p><input type="checkbox"/> Mitral stenosis, Subvalvar, Parachute</p> <p><input type="checkbox"/> Mitral stenosis, Supravalvar mitral ring</p> <p><input type="checkbox"/> Mitral stenosis, Valvar</p> <p><input type="checkbox"/> Mitral regurgitation</p> <p><input type="checkbox"/> Mitral regurgitation and mitral stenosis</p> <p><input type="checkbox"/> Mitral valve (MV), Other</p> <p><u>Partial anomalous pulmonary venous connection</u></p> <p><input type="checkbox"/> Partial anomalous pulmonary venous connection (PAPVC)</p> <p><input type="checkbox"/> Partial anomalous pulmonary venous connection (PAPVC), scimitar</p> <p><u>Patent ductus arteriosus</u></p> <p><input type="checkbox"/> Patent ductus arteriosus (PDA)</p> <p><u>Pericardial Disease</u></p> <p><input type="checkbox"/> Pericardial Disease (Non Specific)</p> <p><u>Pulmonary atresia</u></p> <p><input type="checkbox"/> Pulmonary atresia</p> <p><input type="checkbox"/> Pulmonary atresia, Intact Ventricular Spetum</p> <p><input type="checkbox"/> Pulmonary atresia, VSD (Including TOF, PA)</p> <p><input type="checkbox"/> Pulmonary atresia, Ventricular Septal Defect (VSD) - Multiple aorto-pulmonary collateral artery</p> <p><input type="checkbox"/> Pulmonary atresia MAPCA(s) (major aortopulmonary collateral[s]) (without PA-VSD)</p> <p><u>Pulmonary Valve Disease</u></p> <p><input type="checkbox"/> Pulmonary insufficiency</p> <p><input type="checkbox"/> Pulmonary valve, Other</p> <p><input type="checkbox"/> Pulmonary insufficiency and pulmonary stenosis</p> <p><u>Pulmonary venous stenosis</u></p> <p><input type="checkbox"/> Pulmonary venous stenosis</p> <p><u>RVOT Obstruction and/or Pulmonary Stenosis</u></p> <p><input type="checkbox"/> Pulmonary stenosis, Valvar</p> <p><input type="checkbox"/> Pulmonary stenosis, Subvalvar</p> <p><input type="checkbox"/> Pulmonary artery stenosis (hypoplasia), Main (trunk) (Supravalvar Stenosis)</p> <p><input type="checkbox"/> Pulmonary artery stenosis, Branch, Central (within the hilar bifurcation)</p> |
|---|--|



|  |   |
|--|---|
| <p>Conduit Failure</p> <p><input type="checkbox"/> Conduit Failure</p> <p>Congenitally Corrected TGA</p> <p><input type="checkbox"/> Congenitally corrected Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)</p> <p><input type="checkbox"/> Congenitally corrected Transposition of the Great Arteries (TGA)</p> <p><input type="checkbox"/> Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)-Left Ventricular Outflow Tract (LVOT) Obstruction</p> <p><input type="checkbox"/> Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)</p> <p><input type="checkbox"/> Congenitally Corrected TGA Congenitally corrected Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)-Left Ventricular Outflow Tract (LVOT) Obstruction</p> <p>Cor triatriatum</p> <p><input type="checkbox"/> Cor triatriatum</p> <p>Coronary Artery Anomalies</p> <p><input type="checkbox"/> Coronary artery anomaly, Aneurysm</p> <p><input type="checkbox"/> Coronary artery anomaly, Anomalous aortic origin of coronary artery (AAOCA) (AAOCA)</p> <p><input type="checkbox"/> Coronary artery anomaly, Anomalous pulmonary origin (includes ALCAPA)</p> <p><input type="checkbox"/> Coronary artery anomaly, Fistula</p> <p><input type="checkbox"/> Coronary artery anomaly, Other</p> <p>DOLV</p> <p><input type="checkbox"/> Double Outlet Left Ventricle (DOLV)</p> <p>DORV</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV)</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV), Atrioventricular (AV) Septal Defect</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV), Intact Ventricular Septum (IVS)</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV), Remote VSD (Uncommitted)</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV), Tetralogy of Fallot (TOF) type</p> <p><input type="checkbox"/> Double Outlet Right Ventricle (DORV), Transposition of Great Arteries (TGA) Type</p> <p>Electrophysiological</p> <p><input type="checkbox"/> Arrhythmia</p> <p><input type="checkbox"/> Arrhythmia, atrial</p> <p><input type="checkbox"/> Arrhythmia, heart block</p> <p><input type="checkbox"/> Arrhythmia, ventricular</p> <p>Hypoplastic left heart syndrome</p> <p><input type="checkbox"/> Hypoplastic left heart syndrome (HLHS)</p> <p>Interrupted Arch</p> <p><input type="checkbox"/> Interrupted aortic arch (IAA)</p> <p><input type="checkbox"/> Interrupted aortic arch (IAA) + Aorto-Pulmonary window</p> <p><input type="checkbox"/> Interrupted aortic arch (IAA) + Ventricular Septal Defect (VSD)</p> <p>LV to Aorta Tunnel</p> <p><input type="checkbox"/> Left Ventricular to aorta tunnel</p> <p>Miscellaneous, Other</p> <p><input type="checkbox"/> Atrial Isomerism, Left</p> <p><input type="checkbox"/> Atrial Isomerism, Right</p> <p><input type="checkbox"/> Dextrocardia</p> <p><input type="checkbox"/> Levocardia</p> <p><input type="checkbox"/> Mesocardia</p> <p><input type="checkbox"/> Aneurysm, Pulmonary artery</p> <p><input type="checkbox"/> Prosthetic valve failure</p> <p><input type="checkbox"/> Cardiac tumor</p> <p><input type="checkbox"/> Pulmonary vascular obstructive disease (Eisenmenger's)</p> <p><input type="checkbox"/> Prosthetic valve Endocarditis</p> <p><input type="checkbox"/> Active Endocarditis</p> <p><input type="checkbox"/> Rheumatic Heart Disease</p> <p><input type="checkbox"/> Situs inversus</p> | <p><input type="checkbox"/> Pulmonary artery stenosis, Branch, Peripheral (at or beyond the hilar bifurcation)</p> <p><input type="checkbox"/> Pulmonary artery, Discontinuous</p> <p><input type="checkbox"/> Double Chamber Right Ventricle (DCRV)</p> <p>Shone's syndrome</p> <p><input type="checkbox"/> Shone's syndrome</p> <p>Shunt Failure</p> <p><input type="checkbox"/> Shunt Failure</p> <p>Single Ventricle</p> <p><input type="checkbox"/> Single ventricle, Double Inlet left ventricle (DILV)</p> <p><input type="checkbox"/> Single ventricle, Double Inlet Right Ventricle (DIRV)</p> <p><input type="checkbox"/> Single ventricle, Mitral atresia</p> <p><input type="checkbox"/> Single ventricle, Unbalanced Atrio-ventricular canal (AV Canal) Defect</p> <p><input type="checkbox"/> Single ventricle, Heterotaxia syndrome</p> <p><input type="checkbox"/> Single ventricle, Other</p> <p><input type="checkbox"/> Single ventricle + Total anomalous pulmonary venous connection (TAPVC)</p> <p><input type="checkbox"/> Single ventricle, Tricuspid atresia</p> <p>Sinus of Valsalva Fistula/Aneurysm</p> <p><input type="checkbox"/> Sinus of Valsalva aneurysm</p> <p>Systemic venous obstruction</p> <p><input type="checkbox"/> Systemic venous obstruction</p> <p>Tetralogy of Fallot</p> <p><input type="checkbox"/> Tetralogy of Fallot (TOF)</p> <p><input type="checkbox"/> Tetralogy of Fallot (TOF), Pulmonary stenosis</p> <p><input type="checkbox"/> Tetralogy of Fallot (TOF), complete Atrio-ventricular (AV) septal Defect</p> <p><input type="checkbox"/> Tetralogy of Fallot (TOF), Absent pulmonary valve</p> <p>Total anomalous pulmonary venous connection</p> <p><input type="checkbox"/> Total anomalous pulmonary venous connection (TAPVC), Type 1 (supracardiac)</p> <p><input type="checkbox"/> Total anomalous pulmonary venous connection (TAPVC), Type 2 (cardiac)</p> <p><input type="checkbox"/> Total anomalous pulmonary venous connection (TAPVC), Type 3 (infracardiac)</p> <p><input type="checkbox"/> Total anomalous pulmonary venous connection (TAPVC), Type 4 (mixed)</p> <p>Transposition of the Great Arteries</p> <p><input type="checkbox"/> Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)-Left Ventricular Outflow Tract (LVOT) Obstruction</p> <p><input type="checkbox"/> Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)</p> <p><input type="checkbox"/> Transposition of the Great Arteries (TGA), Intact Ventricular Septum (IVS)</p> <p><input type="checkbox"/> Transposition of the Great Arteries (TGA), Ventricular Septal Defect (VSD)-Left Ventricular Outflow Tract (LVOT) Obstruction</p> <p>Tricuspid Valve Disease and Ebstein's Anomaly</p> <p><input type="checkbox"/> Ebstein's anomaly</p> <p><input type="checkbox"/> Tricuspid regurgitation, non-Ebstein's related</p> <p><input type="checkbox"/> Tricuspid regurgitation and tricuspid stenosis</p> <p><input type="checkbox"/> Tricuspid stenosis</p> <p><input type="checkbox"/> Tricuspid valve (TV), Other</p> <p>Truncus arteriosus</p> <p><input type="checkbox"/> Truncus arteriosus</p> <p><input type="checkbox"/> Truncus arteriosus + Interrupted aortic arch (IAA)</p> <p><input type="checkbox"/> Truncal valve insufficiency</p> <p>Vascular rings and Slings</p> <p><input type="checkbox"/> Vascular Ring</p> <p><input type="checkbox"/> Pulmonary Artery (PA) Sling</p> <p>VSD</p> <p><input type="checkbox"/> VSD Ventricular Septal Defect (VSD), Type 1 (Subarterial) (Supracristal) (Conal septal defect) (Infundibular)</p> |
|--|---|

Aneurysm, Other  
 Aneurysm, Ventricular, Left (including pseudoaneurysm)

VSD Ventricular Septal Defect (VSD), Type 2 (Perimembranous)  
(Paramembranous) (Conoventricular)  
 VSD Ventricular Septal Defect (VSD), Type 3 (Inlet) (AV canal type)  
 VSD Ventricular Septal Defect (VSD), Type 4 (Muscular)  
 VSD Ventricular Septal Defect (VSD), Type: Gerbode type (LV-RA  
communication)  
 VSD Ventricular Septal Defect (VSD), Multiple

**4a.i      Aortic Arch Coarctation?**    Yes  
   No  
   Unknown

**4a.ii      Aortic Arch Hypoplasia?**    Yes  
   No  
   Unknown

**4a.iii      Aortic Valve Atresia?**    Yes  
   No  
   Unknown

**4a.iv      Aortic Valve Stenosis?**    Yes  
   No  
   Unknown

**4a.v      Aortic Valve Hypoplasia?**    Yes  
   No  
   Unknown

**4a.vi      Mitral Valve Atresia?**    Yes  
   No  
   Unknown

**4a.vii      Mitral Valve Stenosis?**    Yes  
   No  
   Unknown

**4a.viii      Mitral Valve Hypoplasia?**    Yes  
   No  
   Unknown

**4a.ix      Ventricular Septal Defect?**    Yes  
   No  
   Unknown

**4a.x      Left Ventricle Size?**    Normal  
   Small  
   Unknown

**Intraoperative Mortality**    Yes

5.

No

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