

Administrative & Demographics

RECORD ID

Patient ID

(SKIP THIS FIELD)

Consultant_Surgeon

Assistant_Surgeon

PATIENT AGE

(Enter only Numbers)

AGE

- ☐ YEARS
☐ MONTHS
☐ WEEKS
☐ DAYS

PREMATURE BIRTH

- ☐ Yes
☐ No

SEX

- ☐ Male
☐ Female
☐ Ambiguous

ANTENATAL DIAGNOSIS

- ☐ Yes
☐ No

HEIGHT (CM)

(Please enter only number)

WEIGHT (KG)

(0.8 / 1/ 3)

CALCULATED BSA

(Automated Field)

PREOPERATIVE HOSPITAL STAY(DAYS)

(9)

DATE OF SURGERY

(Please Enter the Date)

Pre Operative Status

RECORD ID

PREOPERATIVE STATUS

MODIFIED ROSS CLASSIFICATION

- ☐ CLASS I
☐ CLASS II
☐ CLASS III
☐ CLASS IV
☐ NOT DOCUMENTED

SIGNIFICANT PREOPERATIVE STRUCTURAL NON CARDIAC ANOMALY

(Please enter only other congenital anomalies)

ASSOCIATED SYNDROMES

ASSOCIATED CHROMOSOMAL ABNORMALITIES

PRE OPERATIVE SHOCK

- ☐ Cardio-pulmonary resuscitation
☐ Preoperative/Preprocedural mechanical circulatory support (IABP, VAD, ECMO, or CPS)
☐ Shock, Persistent at time of surgery
☐ Shock, Resolved at time of surgery

PREVIOUS CARDIAC INTERVENTIONS

- ☐ AORTIC VALVE BALLOON VALVOTOMY
☐ PULMONARY VALVE BALLOON VALVOTOMY
☐ ATRIAL SEPTAL DEFECT DEVICE CLOSURE
☐ VENTRICULAR SEPTAL DEFECT DEVICE CLOSURE
☐ PDA STENTING
☐ RVOT STENTING
☐ BALLOON ATRIAL SEPTOSTOMY
☐ SURGICAL REPAIR OF CONGENITAL CARDIAC ANOMALY

previous surgical procedure

(enter the name of previous surgery done)

date of previous surgery

Diagnosis

RECORD ID

DIAGNOSIS

ATRIAL SEPTAL DEFECT

- ☐ PFO
- ☐ OSTIUM SECUNDUM
- ☐ SINUS VENOSUS-SVC TYPE
- ☐ SINUS VENOSUS-IVC TYPE
- ☐ CORONARY SINUS TYPE
- ☐ COMMON ATRIUM
- (do not enter AVCD here)

VENTRICULAR SEPTAL DEFECT

- ☐ SINGLE
- ☐ MULTIPLE
- ☐ PERIMEMBRANOUS
- ☐ INLET
- ☐ OUTLET
- ☐ MID-MUSCULAR
- ☐ INLET-MUSCULAR
- ☐ APICAL MUSCULAR
- ☐ ANTERIOR MUSCULAR
- ☐ GERBODE DEFECT
- ☐ SWISS CHEESE SEPTUM
- (enter all that apply)

ATRIO VENTRICULAR CANAL DEFECT

- ☐ PARTIAL
- ☐ INTERMEDIATE
- ☐ COMPLETE

PATENT DUCTUS ARTERIOSUS

- ☐ Yes
- ☐ No

AP WINDOW

- ☐ PROXIMAL
- ☐ INTERMEDIATE
- ☐ DISTAL

TRUNCUS ARTERIOSUS

- ☐ TRUNCUS
- ☐ TRUNCAL VALVE REGURGITATION
- ☐ STENOSIS

PAPVC

(enter the anomalously draining veins eg RUPV)

TAPVC

- ☐ TYPE 1(SUPRA CARDIAC)
- ☐ TYPE 2(CARDIAC)
- ☐ TYPE 3(INFRA CARDIAC)
- ☐ TYPE 4(MIXED CARDIAC)

TAPVC Mixed sub types

(enter the individual veins drainage eg LPV into LVV, RUPV into RA etc)

TOF	☐ CLASSIC TYPE ☐ ORIENTAL TYPE ☐ AVSD ☐ ABSENT PULMONARY VALVE ☐ PULMONARY ATRESIA ☐ NON-CONFLUENT PAs
DOUBLE OUTLET RIGHT VENTRICLE	☐ VSD PAH ☐ VSD PS ☐ TGA (TAUSSING BING) ☐ REMOTE VSD (UNCOMMITTED VSD)
TRICUSPID VALVE LESIONS	☐ STENOSIS ☐ REGURGITATION(NON-EBSTEINS) ☐ REGURGITATION(EBSTEINS/EBSTENOID) ☐ STENOSIS + REGURGITATION
PULMONARY VALVE LESIONS	☐ VALVULAR PS ☐ SUB VALVULAR PS ☐ BRANCH, CENTRAL PS ☐ BRANCH, PERIPHERAL PS(BEYOND BIFURCATION) ☐ CONGENITAL PULMONARY REGURGITATION
PULMONARY ARTERY ATRESIA TYPES	☐ Intact ventricular septum ☐ With VSD
AORTIC VALVE STENOSIS	☐ VALVULAR ☐ SUB VALVULAR ☐ SUPRA VALVULAR ☐ AORTIC VALVE REGURGITATION
SUB VALVULAR AORTIC STENOSIS	☐ THIN DISCRETE MEMBRANE ☐ FIBROMUSCULAR RIDGE COMPLETE ☐ FIBROMUSCULAR RIDGE INCOMPLETE ☐ DIFFUSE TUNNEL LIKE ☐ ACCESSORY MITRAL TISSUE CAUSING SAM ☐ ACCESSORY TRICUSPID TISSUE CAUSING SAM
MITRAL VALVE LESIONS	☐ SUPRA VALVULAR(SUPRA MITRAL RING) MS ☐ VALVULAR MS ☐ SUB VALVULAR MS ☐ SUB VALVULAR(PARACHUTE) MS ☐ MS + MR ☐ MITRAL REGURGITATION
COR TRIATRIATUM	☐ SINISTRUM ☐ DEXTRUM
SINUS OF VALSALVA	☐ ANEURYSM ☐ RUPTURE
SAKAKIBARA AND KONNO CLASSIFICATION RUPTURE	☐ TYPE I ☐ TYPE II ☐ TYPE IIIIV ☐ TYPE IIIA ☐ TYPE IV ☐ TYPE V

SINGLE VENTRICLE

- ☐ DOUBLE INLET LEFT VENTRICLE
- ☐ DOUBLE INLET RIGHT VENTRICLE
- ☐ DOUBLE OUTLET LEFT VENTRICLE
- ☐ MITRAL ATRESIA
- ☐ TRICUSPID ATRESIA
- ☐ UNBALANCED AV CANAL
- ☐ HYPOPLASTIC VENTRICLE
- ☐ HETEROTAXY SYNDROME
- ☐ OTHERS

OTHER SINGLE VENTRICLES

TRICUSPID ATRESIA

- ☐ TYPE 1A
- ☐ TYPE 1B
- ☐ TYPE 1C
- ☐ TYPE 2A
- ☐ TYPE 2B
- ☐ TYPE 2C
- ☐ TYPE 3A
- ☐ TYPE 2B

HYPOPLASTIC VENTRICLE

- ☐ RIGHT
- ☐ LEFT

TRANSPOSITION OF GREAT ARTERIES

- ☐ INTACT IVS
- ☐ INTACT IVS-LVOTO
- ☐ VSD
- ☐ VSD-LVOTO

CORRECTED TGA

- ☐ CCTGA - IVS
- ☐ CCTGA - IVS LVOTO
- ☐ CCTGA - VSD
- ☐ CCTGA -VSD - LVOTO

COARCTATION OF AORTA & ARCH HYPOPLASIA

- ☐ COA
- ☐ PROXIMAL ARCH HYPOPLASIA
- ☐ MID ARCH HYPOPLASIA
- ☐ DISTAL ARCH HYPOPLASIA

INTERRUPTED ARCH

- ☐ TYPE A
- ☐ TYPE B
- ☐ TYPE C

CORONARY ARTERY ANOMALIES

- ☐ ALCAPA
- ☐ CORONARY CAMERAL FISTULA
- ☐ CORONARY ARTERY ANEURYSM
- ☐ ANOMALOUS AORTIC ORIGIN
- ☐ CONGENITAL ATRESIA / STENOSIS
- ☐ INTRAMYOCARDIAL COURSE OF CORONARY ARTERY

VASCULAR RING & SLING

- ☐ RING
- ☐ PULMONARY ARTERY SLING

DESCRIPTION OF RING OR SLING

PERICARDIAL DISEASE	☐ CHRONIC PERICARDITIS ☐ PERICARDIAL EFFUSION ☐ PERICARDIAL TUMOR
ANEURYSM	☐ RIGHT VENTRICULAR ☐ LEFT VENTRICULAR ☐ PULMONARY ARTERY ☐ AORTIC
INFECTIVE LESIONS	☐ MEDIASTITIS ☐ ENDOCARDITIS
CARDIOMYOPATHY	☐ Cardiomyopathy (including dilated, restrictive, and hypertrophic) ☐ Cardiomyopathy, End-stage congenital heart disease
PREOP ELECTROPHYSIOLOGICAL ABNORMALITY	☐ NONE ☐ Arrhythmia ☐ Arrhythmia, Atrial ☐ Arrhythmia, Junctional ☐ Arrhythmia, Ventricular ☐ Arrhythmia, Heart block ☐ Arrhythmia, Heart block, Acquired ☐ Arrhythmia, Heart block, Congenital ☐ Arrhythmia, Pacemaker, Indication for replacement
LUNG DISEASE	☐ Lung disease, Benign ☐ Lung disease, Malignant
TRACHEO BRONCHIAL ABNORMALITIES	☐ TRACHEOMALACIA ☐ BRONCHOMALACIA ☐ Tracheal stenosis ☐ Bronchial stenosis ☐ DIFFUSE Airway disease
Specify involved segments	(enter the names of involved segments, separated with a comma)
PLEURAL DISEASE	☐ Pleural disease, Malignant ☐ Pneumothorax ☐ Pleural effusion ☐ Chylothorax ☐ Empyema
ESOPHAGEAL DISEASE	☐ Esophageal disease, Benign ☐ Esophageal disease, Malignant
MEDIASTINAL DISEASE	☐ Mediastinal disease ☐ Mediastinal disease, Benign ☐ Mediastinal disease, Malignant
DIAPHRAGMATIC DISEASE	☐ Diaphragm paralysis ☐ Diaphragm disease, Other

CHEST WALL	☐ Rib tumor, Benign ☐ Rib tumor, Malignant ☐ Rib tumor, Metastatic ☐ Sternal tumor, Benign ☐ Sternal tumor, Malignant ☐ Sternal tumor, Metastatic
PECTUS EXCAVATUM, CARINATUM	☐ Pectus carinatum ☐ Pectus excavatum
OTHER PULMONARY LESIONS	☐ PULMONARY AV FISTULA ☐ PULMONARY EMBOLISM ☐ PULMONARY VASCULAR OBSTRUCTIVE DISEASE ☐ EISENMENGERS SYNDROME ☐ PRIMARY PULMONARY HYPERTENSION ☐ PERSISTENT FETAL CIRCULATION ☐ MECONIUM ASPIRATION
CARDIAC TUMOURS	

Hemodynamics, cath & Echo

RECORD ID

INVESTIGATION

☐ CATH DATA
☐ ECHO DATA
(Select as per the requirement)

CATH

SVC saturation

(Please enter only number)

SVC pressure in mm

(Systolic/Diastolic/Mean)

RA Saturation

(Please enter only number)

RA Pressure in mm

(Systolic/Diastolic/Mean)

RV Saturation

(Please enter only number)

RV Pressure in mm

(Systolic/Diastolic/Mean)

PA saturation

(Please enter only number)

PA

(131/16/50)

PV Saturation

(Please enter only number)

LA Saturation

LA Pressure

(Systolic/Diastolic/Mean)

LV Saturation	(Please enter only number)
LV Pressure	(Systolic/Diastolic/Mean)
AORTIC Saturation	(Please enter only number)
AORTIC Pressure	(Systolic/Diastolic/Mean)
FEMORAL ARTERY Saturation	(Please enter only number)
FEMORAL ARTERY Pressure	(Systolic/Diastolic/Mean)
CATH	
MEAN PA PRESSURE BASE LINE(mm Hg)	
PA PRESSURE AFTER PULMONARY VASODILATORS (mm Hg)	
LVEDP (mm Hg)	
QP/QS	
PVRI (Wood units x m2) BASELINE	
PVRI (Wood units x m2) AFTER USING PULMONARY VASODILATORS	

ECHO

ECHO Diagnosis	
----------------	-------------

Common Operative Details

RECORD ID

CONGENITAL OPERATIVE
STATUS

- ☐ Elective
☐ Urgent
☐ Emergent
☐ Salvage

CPB Time
Mins

(Please enter only number)

AORTIC CROSS CLAMP TIME
Mins

(Please enter only number)

LOWEST TEMPERATURE RECORDED ON BYPASS
CELSIUS

(Please enter only number)

CIRCULATORY ARREST TIME
Mins

(Please enter only number)

SELECTIVE CEREBRAL PERFUSION TIME
Mins

(Please enter only number)

CARDIOPLEGIA DELIVERY

- ☐ NONE
☐ ANTEGRADE
☐ RETROGRADE
☐ BOTH

CARDIOPLEGIA SOLUTION

- ☐ Del Nido
☐ Custodiol / Bretschneider (HTK)
☐ Buckberg
☐ Plegisol / St. Thomas
☐ OTHER

OTHER SOLUTIONS

GRAFTS BAFFLES CONDUITS MATERIALS USED

- ☐ TREATED AUTOLOGOUS PERICARDIAL PATCH
☐ UNTREATED AUTOLOGOUS PERICARDIAL PATCH
☐ BOVINE PERICARDIAL PATCH
☐ PTFE PATCH
☐ DACRON PATCH
☐ COLLAGEN IMPREGNATED PATCH
☐ COLLAGEN IMPREGNATED GRAFT
☐ PTFE GRAFT
☐ OTHERS
(select all that apply)

OTHER MATERIALS

ULTRA FILTRATION

- ☐ NO
- ☐ CUF
- ☐ MUF
- ☐ ZBUF

Operative Procedures

RECORD ID

INTRAOPERATIVE PROCEDURES

RACHS Risk Category 1

- ☐ Atrial septal defect surgery (including atrial septal defect secundum, sinus venosus atrial septal defect, patent foramen ovale closure)
- ☐ Aortopexy
- ☐ Patent ductus arteriosus surgery at age >30 days
- ☐ Coarctation repair at age >30 days
- ☐ Partially anomalous pulmonary venous connection surgery

RACHS Risk Category 2

- ☐ Aortic valvotomy or valvuloplasty at age >30 days
- ☐ Subaortic stenosis resection
- ☐ Pulmonary valvotomy or valvuloplasty
- ☐ Pulmonary valve replacement
- ☐ Right ventricular infundibulectomy
- ☐ Pulmonary outflow tract augmentation
- ☐ Repair of coronary artery fistula
- ☐ Atrial septal defect and ventricular septal repair
- ☐ Atrial septal defect primum repair
- ☐ Ventricular septal defect repair
- ☐ Ventricular septal defect closure and pulmonary valvotomy or infundibular resection
- ☐ Ventricular septal defect closure and pulmonary artery band removal
- ☐ Repair of unspecified septal defect
- ☐ Total repair of tetralogy of Fallot
- ☐ Repair of total anomalous pulmonary veins at age >30 days
- ☐ Glenn shunt
- ☐ Vascular ring surgery
- ☐ Repair of aorto-pulmonary window
- ☐ Coarctation repair at age < 30 days
- ☐ Repair of pulmonary artery stenosis
- ☐ Transection of pulmonary artery
- ☐ Common atrium closure
- ☐ Left ventricular to right atrial shunt repair

RACHS Risk Category 3

- ☐ Aortic valve replacement
- ☐ Ross procedure
- ☐ Left ventricular outflow tract patch
- ☐ Ventriculomyotomy
- ☐ Aortoplasty
- ☐ Mitral valvotomy or valvuloplasty
- ☐ Mitral valve replacement
- ☐ Valvectomy of tricuspid valve
- ☐ Tricuspid valvotomy or valvuloplasty
- ☐ Tricuspid valve replacement
- ☐ Tricuspid valve repositioning for Ebstein anomaly at age >30 days
- ☐ Repair of anomalous coronary artery without intrapulmonary tunnel
- ☐ Repair of anomalous coronary artery with intrapulmonary tunnel (Takeuchi)
- ☐ Closure of semilunar valve, aortic or pulmonary
- ☐ Right ventricular to pulmonary artery conduit
- ☐ Left ventricular to pulmonary artery conduit
- ☐ Repair of double outlet right ventricle with or without repair of right ventricular obstruction
- ☐ Fontan procedure
- ☐ Repair of transitional or complete atrioventricular canal with or without valve replacement
- ☐ Pulmonary artery band
- ☐ Repair of tetralogy of Fallot with pulmonary atresia
- ☐ Repair of cor triatriatum
- ☐ Systemic to pulmonary artery shunt
- ☐ Atrial switch operation
- ☐ Arterial switch operation
- ☐ Reimplantation of anomalous pulmonary artery
- ☐ Annuloplasty
- ☐ Repair of coarctation and ventricular septal defect closure
- ☐ Excision of intracardiac tumor

RACHS Risk Category 4

- ☐ Aortic valvotomy or valvuloplasty at age < 30 days
- ☐ Konno procedure
- ☐ Repair of complex anomaly (single ventricle) by ventricular septal defect enlargement
- ☐ Repair of total anomalous pulmonary veins at age < 30 days
- ☐ Atrial septectomy
- ☐ Repair of transposition, ventricular septal defect, and subpulmonary stenosis (Rastelli)
- ☐ Atrial switch operation with ventricular septal defect closure
- ☐ Atrial switch operation with repair of subpulmonary stenosis
- ☐ Arterial switch operation with pulmonary artery band removal
- ☐ Arterial switch operation with ventricular septal defect closure
- ☐ Arterial switch operation with repair of subpulmonary stenosis
- ☐ Repair of truncus arteriosus
- ☐ Repair of hypoplastic or interrupted arch without ventricular septal defect closure
- ☐ Repair of hypoplastic or interrupted aortic arch with ventricular septal defect closure
- ☐ Transverse arch graft
- ☐ Unifocalization for tetralogy of Fallot and pulmonary atresia
- ☐ Double switch

RACHS Risk Category 5

- ☐ Tricuspid valve repositioning for neonatal Ebstein anomaly at age < 30 days
- ☐ Repair of truncus arteriosus and interrupted arch

RACHS Risk Category 6

- ☐ Stage 1 repair of hypoplastic left heart syndrome (Norwood operation)
- ☐ Stage 1 repair of nonhypoplastic left heart syndrome conditions
- ☐ Damus-Kaye-Stansel procedure

ELECTROPHYSIOLOGY PROCEDURES

- ☐ Pacemaker implantation, Permanent
- ☐ Explantation of pacing system
- ☐ Arrhythmia surgery - atrial, Surgical Ablation
- ☐ Arrhythmia surgery - ventricular, Surgical Ablation

MECHANICAL SUPPORT DEVICE PROCEDURES

- ☐ ECMO cannulation
- ☐ ECMO decannulation
- ☐ Intra-aortic balloon pump (IABP) insertion
- ☐ VAD explantation
- ☐ VAD implantation

THORACIC & MEDIASTINAL DISEASES

Tracheal or Bronchial Procedure

- ☐ Yes
☐ No

Name of the tracheobronchial procedure

CHEST WALL PROCEDURE

- ☐ Muscle flap, Trunk (i.e. intercostal, pectus, or serratus muscle)
☐ Muscle flap, Trunk (i.e. latissimus dorsi)
☐ Removal, Sternal wire
☐ Rib excision, Complete
☐ Rib excision, Partial
☐ Sternal fracture, Open treatment
☐ Sternal resection, Radical resection of the sternum
☐ Sternal resection, Radical resection of the sternum with mediastinal lymphadenectomy
☐ Tumor of chest wall, Excision including ribs
☐ Tumor of chest wall, Excision including ribs, With reconstruction
☐ Tumor of soft tissue of thorax, Excision of deep subfascial or intramuscular tumor
☐ Tumor of soft tissue of thorax, Excision of subcutaneous tumor
☐ Tumor of soft tissue of thorax, Radical resection

PECTUS EXCAVATUM, CARINATUM

- ☐ Pectus bar removal
☐ Pectus bar repositioning
☐ Pectus repair, Minimally invasive repair (Nuss), With thoracoscopy
☐ Pectus repair, Minimally invasive repair (Nuss), Without thoracoscopy
☐ Pectus repair, Open repair

THORACIC OUTLET

- ☐ Division of scalenus anticus, With resection of a cervical rib
☐ Division of scalenus anticus, Without resection of a cervical rib
☐ Rib excision, Excision of a cervical rib
☐ Rib excision, Excision of a cervical rib, With sympathectomy
☐ Rib excision, Excision of first rib
☐ Rib excision, Excision of first rib, With sympathectomy

MISCELLANEOUS PROCEDURES

- ☐ Aneurysm, Ventricular, Right, Repair
- ☐ Aneurysm, Ventricular, Left, Repair
- ☐ Aneurysm, Pulmonary artery, Repair
- ☐ Cardiac tumor resection
- ☐ Pulmonary AV fistula repair/occlusion
- ☐ Ligation, Pulmonary artery
- ☐ Pulmonary embolectomy, Acute pulmonary embolus
- ☐ Pulmonary embolectomy, Chronic pulmonary embolus
- ☐ Pleural drainage procedure
- ☐ Pleural procedure, Other
- ☐ Ligation, Thoracic duct
- ☐ Decortication
- ☐ Esophageal procedure
- ☐ Mediastinal procedure
- ☐ Bronchoscopy
- ☐ Diaphragm plication
- ☐ Diaphragm procedure, Other
- ☐ VATS (video-assisted thoracoscopic surgery)
- ☐ Minimally invasive procedure
- ☐ Bypass for noncardiac lesion
- ☐ Delayed sternal closure
- ☐ Mediastinal exploration
- ☐ Sternotomy wound drainage
- ☐ Intravascular stent removal
- ☐ Thoracotomy, Other
- ☐ Cardiotomy, Other
- ☐ Cardiac procedure, Other
- ☐ Thoracic and/or mediastinal procedure, Other
- ☐ Peripheral vascular procedure, Other
- ☐ Miscellaneous procedure, Other
- ☐ Organ procurement
- ☐ Other procedure

OTHER OPERATIVE PROCEDURES

Postoperative Events

RECORD ID

PATIENT EXTUBATED IN OR.

- ☐ YES
☐ NO

TOTAL POST-OPERATIVE VENTILATION HOURS

(Please enter only number)

TOTAL POST OPERATIVE ICU STAY in DAYS

(Please enter only number)

TOTAL DAYS OF POSTOPERATIVE HOSPITAL STAY

(Please enter only number)

POST OPERATIVE COMPLICATIONS

CARDIO VASCULAR COMPLICATIONS

- ☐ Unexpected Cardiac arrest during or following procedure (Periop/Periprocedural = Intraop/Intraprocedural and/or Postop/Postprocedural)
- ☐ Cardiac dysfunction resulting in low cardiac output
- ☐ Cardiac failure (severe cardiac dysfunction)
- ☐ Endocarditis-postprocedural infective endocarditis
- ☐ Pericardial effusion Requiring drainage
- ☐ Pulmonary vein obstruction
- ☐ Systemic vein obstruction
- ☐ OTHERS

OTHER COMPLICATIONS

CARDIAC ARRHYTHMIAS

- ☐ Arrhythmia requiring drug therapy
- ☐ Arrhythmia requiring electrical cardioversion or defibrillation
- ☐ Arrhythmia necessitating pacemaker Permanent pacemaker
- ☐ Arrhythmia necessitating pacemaker Temporary pacemaker

NEUROLOGICAL COMPLICATIONS

- ☐ Neurological deficit Neurological deficit persisting at discharge
- ☐ Neurological deficit Transient neurological deficit not present at discharge
- ☐ Paralyzed diaphragm (possible phrenic nerve injury)
- ☐ Peripheral nerve injury Neurological deficit persisting at discharge
- ☐ Seizure
- ☐ Spinal cord injury Neurological deficit persisting at discharge
- ☐ Stroke
- ☐ Subdural Bleed
- ☐ Intraventricular hemorrhage (IVH) > grade 2

RENAL COMPLICATIONS

- ☐ Renal failure - acute renal failure Acute renal failure requiring dialysis at the time of hospital discharge
- ☐ Renal failure - acute renal failure Acute renal failure requiring temporary dialysis with the need for dialysis not present at hospital discharge
- ☐ Renal failure - acute renal failure Acute renal failure requiring temporary hemofiltration with the need for dialysis not present at hospital discharge

RESPIRATORY COMPLICATIONS

- ☐ Chylothorax
- ☐ Pleural effusion Requiring drainage
- ☐ Pneumonia
- ☐ Pneumothorax Requiring drainage or evacuation
- ☐ Postoperative/Postprocedural respiratory insufficiency requiring mechanical ventilatory support > 7 days
- ☐ Postoperative/Postprocedural respiratory insufficiency requiring reintubation
- ☐ Pulmonary hypertension
- ☐ Pulmonary hypertensive crisis (PA pressure > systemic pressure)
- ☐ Respiratory failure Requiring tracheostomy
- ☐ Vocal cord dysfunction (possible recurrent laryngeal nerve injury)

SURGICAL SITE INFECTION

- ☐ Wound dehiscence (sterile)
- ☐ Wound infection-Superficial wound infection
- ☐ Wound infection-Deep wound infection
- ☐ Wound infection-Mediastinitis
- ☐ STERNAL INSTABILITY

MISCELLANEOUS

- ☐ Multi-System Organ Failure (MSOF) = Multi-Organ Dysfunction Syndrome (MODS)
- ☐ Unplanned cardiac reoperation during the postoperative or postprocedural time period
- ☐ Unplanned interventional therapeutic cardiovascular catheterization procedure during the postoperative or postprocedural time period
- ☐ Sepsis
- ☐ HEPARIN INDUCED THROMBOCYTOPENIA (HIT)
- ☐ HEPARIN INDUCED THROMBOCYTOPENIA THROMBOSIS (HITT)
- ☐ Postoperative/Postprocedural mechanical circulatory support (IABP VAD ECMO or CPS)

MECHANICAL ASSIST DEVICE RELATED COMPLICATION

- ☐ CANNULA/INSERTION SITE ISSUE
- ☐ HEMORRHAGIC
- ☐ THROMBOTIC/ EMBOLIC
- ☐ HEMOLYTIC
- ☐ INFECTION
- ☐ OTHER MECHANICAL ASSIST DEVICE RELATED COMPLICATION

OTHER MECHANICAL ASSIST DEVICE RELATED COMPLICATIONS

Discharge Mortality

RECORD ID

DISCHARGE

STATUS AT HOSPITAL DISCHARGE

- ☐ ALIVE and Healthy
- ☐ Alive with residual defects
- ☐ DEAD

Describe the Residual defects

PRIMARY CAUSE OF DEATH

IF DIED IN HOSPITAL

- ☐ CARDIAC
- ☐ NEUROLOGIC
- ☐ RENAL
- ☐ VASCULAR
- ☐ INFECTION
- ☐ PULMONARY
- ☐ UNKNOWN
- ☐ OTHER

Postoperative Followup

RECORD ID

Date of followup

Clinical Assessment at followup

(enter symptoms and relevant examination findings)

Echo report at followup

(enter echo report details)

Other investigation report

(please enter the name followed by report)