

Cardiac procedures

ST3

1. Saphenous vein harvest (ankle or thigh)
2. Radical artery harvest
3. Median sternotomy, pericardiotomy & thymic dissection
4. Internal mammary artery harvesting
5. Preparation for cardiopulmonary bypass (aortic cannulation, venous cannulation, bicaval venous cannulation, antegrade cardioplegia cannula insertion, retrograde cardioplegia cannula insertion, placement of apical/RSPV vents)
6. Weaning from CPB and decannulation
7. Placing atrial and ventricular pacing wires
8. Placing mediastinal and pleural chest drains
9. Systematic haemostasis
10. Sternal closure

ST6

1. Atrial septal defect repair
2. Atrial myxoma resection
3. Atrial fibrillation surgery (pulmonary vein isolation, left atrial lesion set, right atrial lesion set, left atrial appendage excision)
4. Hemisternotomy AVR
5. Trans-apical TAVI
6. Redo sternotomy
7. Femoral arterial and venous cannulation
8. Aortic arch cannulation
9. Ascending aortic replacement
10. Bentall aortic root replacement

ST4

1. Distal coronary anastomosis (including positioning of the heart & identifying the vessels)
2. Proximal coronary anastomosis (including assessing the length of the coronary bypass grafts)
3. Y or T-graft coronary anastomosis
4. OPCAB procedure
5. Aortotomy (transverse or J-shaped) & closure of the aortotomy
6. Greater curve aortoplasty and closure
7. Excision of the aortic valve and debridement of the annulus prior to AVR
8. Sizing the aortic valve – intra-annular & supra-annular techniques
9. Implanting a prosthetic aortic valve (interrupted)
10. Implanting a prosthetic aortic valve (semi-continuous)

ST7

1. Repair of an acute type A aortic dissection
2. Repair of a post-infarction ventricular septal defect
3. Repair of a post-infarction LV free wall perforation
4. Excision of extensive mitral annular calcification
5. Pulmonary embolectomy
6. Pericardiectomy
7. LV aneurysm plication
8. Surgical ventricular restoration procedure
9. Explanting the heart for transplantation
10. Implanting the heart for transplantation

ST5

1. Left atriotomy (standard, trans-septal or Dubost) & closure of the left atriotomy
2. Assessing the mitral valve – nerve hooks/saline test
3. Excision of the mitral valve prior to MV replacement
4. Implanting a prosthetic mitral valve
5. Mitral valve repair (triangular or quadrangular resection)
6. Mitral valve repair (Gortex neo-chordae implantation)
7. Mitral valve repair (sliding annuloplasty)
8. Right atriotomy & closure of the right atriotomy
9. Tricuspid valve annuloplasty ring implantation
10. Tricuspid valve replacement

ST8

1. Valve sparing aortic root replacement (David or Yacoub procedure)
2. Cabrol procedure
3. Surgical repair of an aortic root abscess with an aortic homograft
4. Aortic arch replacement
5. Descending aortic replacement
6. Repair of an aortic transection
7. Repair of coarctation of the aorta
8. Pulmonary valve replacement
9. Minimally invasive mitral valve repair
10. Minimally invasive aortic valve replacement
11. Placement of a central intra-aortic balloon pump