

CARDIOLOGY / CARDIOTHORACIC SURGERY PROCEDURES

PROCEDURE A (RM 4401 - RM 4800)

- 1 General procedures Replacement of aortic valve (including valvuloplasty)
- 2 General procedures Replacement of mitral valve (including valvuloplasty)
- 3 Bronchi/Lungs/Pleura Lung transplant
- 4 Cardiac surgery Atrial inversion for transposition of great vessels
- 5 Cardiac surgery Cardiac trauma repair
- 6 Cardiac surgery Cardiopulmonary bypass
- 7 Cardiac surgery Closure of defect of atrioventricular septum using dual prosthesis patches
- 8 Cardiac surgery Correction of Tetralogy of Fallot (TOF)
- 9 Cardiac surgery Correction of total anomalous pulmonary venous connection
- 10 Cardiac surgery Other correction of transposition of great vessels
- 11 Cardiac surgery Coronary artery bypass grafts (CABG) with cardio-pulmonary bypass pump including harvesting of graft and endarterectomy
- 12 Cardiac surgery Coronary artery bypass grafts (CABG) without cardio-pulmonary bypass pump including harvesting of graft and endarterectomy
- 13 Cardiac surgery Coronary artery bypass grafts (CABG) with cardio-pulmonary bypass pump including harvesting of graft and endarterectomy and valve/s replacement or repair
- 14 Cardiac surgery Closure of defect of interatrial septum
- 15 Cardiac surgery Closure of defect of interventricular septum
- 16 Cardiac surgery Correction of anastomosis coronary arteries
- 17 Cardiac surgery Creation of valved cardiac conduit
- 18 Cardiac surgery Excision of cardiac tumour
- 19 Cardiac surgery Exploration for bleeding (chest reopened)
- 20 Cardiac surgery Open heart surgery including atrial septal defect (ASD), ventricular septal defect (VSD), pulmonary stenosis (PS) and others
- 21 Cardiac surgery Open operation(s) on conducting system of heart
- 22 Cardiac surgery Open valvotomy
- 23 Cardiac surgery Plastic repair of mitral valve
- 24 Cardiac surgery Redo of bypass for coronary artery(ies) including harvesting of grafts
- 25 Cardiac surgery Removal of obstruction from structure adjacent to valve of heart
- 26 Cardiac surgery Replacement of aortic valve (including valvuloplasty)
- 27 Cardiac surgery Replacement of mitral valve (including valvuloplasty)
- 28 Cardiac surgery Replacement of pulmonary valve (including valvuloplasty/valvotomy)
- 29 Cardiac surgery Replacement of tricuspid valve
- 30 Cardiac surgery Replacement or repair of double or triple valves (per valve)
- 31 Great vessels Emergency replacement of aneurysmal segment of arch of aorta

- 32 Great vessels Emergency replacement of aneurysmal segment of ascending aorta
- 33 Great vessels Emergency replacement of aneurysmal segment of thoracic aorta
- 34 Great vessels Excision of infected aortic graft with bypass
- 35 Great vessels Planned replacement of aneurysmal segment of arch of aorta
- 36 Great vessels Planned replacement of aneurysmal segment of thoracic aorta
- 37 Great vessels Repair of pulmonary artery
- 38 Great vessels Replacement of thoraco-abdominal aneurysms

PROCEDURE B (RM 3601 - RM 4400)

- 39 Bronchi/Lungs/Pleura Lung resection
- 40 Bronchi/Lungs/Pleura Lung resection with resection of chest wall
- 41 Cardiac surgery Repair of ventricular aneurism
- 42 Cardiac surgery Vascular embolectomy
- 43 Great vessels Connection to pulmonary artery from aorta
- 44 Great vessels Connection to pulmonary artery from subclavian artery
- 45 Great vessels Creation of shunt to pulmonary artery from aorta using tube prosthesis
- 46 Great vessels Pulmonary embolectomy

PROCEDURE C (RM 2801 - RM 3600)

- 47 Bronchi/Lungs/Pleura Lung volume reduction surgery
- 48 Cardiac surgery Closed valvotomy (mitral/pulmonary)
- 49 Heart-cardiology Percutaneous transluminal carotid angioplasty with stent placement (also performed by interventional radiologist)
- 50 Heart-cardiology Removal of pacing system with bypass (by surgeon)
- 51 Great vessels Correction of truncus arteriosus
- 52 Great vessels Creation of shunt to pulmonary artery from subclavian artery using interposition tube prosthesis
- 53 Great vessels Planned replacement of aneurysmal segment of ascending aorta
- 54 Great vessels Plastic repair of aorta
- 55 Great vessels Revision of prosthesis of abdominal aorta

PROCEDURE D (RM 2201 - RM 2800)

- 56 General procedures Open lobectomy of lung (including incision of segment)
- 57 Trachea Partial excision of trachea with reconstruction
- 58 Bronchi/Lungs/Pleura Decortication
- 59 Bronchi/Lungs/Pleura Open lobectomy of lung (including excision of segment)
- 60 Bronchi/Lungs/Pleura Total pneumonectomy
- 61 Cardiac surgery Excision of pericardium
- 62 Cardiac surgery Pulmonary artery banding

- 63 Heart-cardiology Adult percutaneous transluminal occlusion of coronary fistula/Arterio-venous malformation (AVM)
- 64 Heart-cardiology Implantation of automatic cardioverter/defibrillator (by electrophysiology team)
- 65 Heart-cardiology Paediatric percutaneous transluminal occlusion of coronary fistula/AVM
- 66 Heart-cardiology Percutaneous transc coronary myocardial alcohol septal ablation for hypertrophic cardiomyopathy
- 67 Heart-cardiology Percutaneous transluminal ablation of accessory pathway including mapping (by electrophysiology team)
- 68 Heart-cardiology Percutaneous transluminal ablation of ventricular tachycardia (by electrophysiology team)
- 69 Heart-cardiology Percutaneous transluminal angioplasty with stent insertion
- 70 Heart-cardiology Percutaneous transluminal rotational atherectomy with angioplasty stent insertion
- 71 Heart-cardiology Transluminal operations on pulmonary artery
- 72 Great vessels Closed ligation/division of patent ductus arteriosus
- 73 Great vessels Open operations on pulmonary artery

PROCEDURE E (RM 1801 - RM 2200)

- 74 Chest wall Correction of pectus deformity of chest wall
- 75 Chest wall Repair of rupture of diaphragm
- 76 Bronchi/Lungs/Pleura Decortication of pleura or lung
- 77 Bronchi/Lungs/Pleura Open excision of lesion of lung
- 78 Bronchi/Lungs/Pleura Open lung biopsy
- 79 Heart-cardiology Percutaneous transluminal angioplasty of coronary artery(ies) (including laser)
- 80 Heart-cardiology Adult percutaneous transluminal valvuloplasty
- 81 Heart-cardiology Cardiac biventricular pacemaker system implantation
- 82 Heart-cardiology Paediatric percutaneous transluminal balloon septostomy
- 83 Heart-cardiology Paediatric percutaneous transluminal valvuloplasty
- 84 Heart-cardiology Percutaneous transluminal angioplasty of coronary artery(ies) (including laser)
- 85 Heart-cardiology Percutaneous transluminal peripheral angioplasty with stent placement (also performed by interventional radiologist)
- 86 Heart-cardiology Percutaneous transluminal prosthetic occlusion of atrial septal defect (ASD)/patent foramen ovale (PFO)
- 87 Heart-cardiology Percutaneous transluminal prosthetic occlusion of patent ductus arteriosus (PDA)
- 88 Heart-cardiology Percutaneous transluminal prosthetic occlusion of ventricular septal defect (VSD)
- 89 Great vessels Percutaneous transluminal prosthesis occlusion of patent ductus arteriosus

PROCEDURE F (RM 1501 - RM 1800)

- 90 Chest wall Excision of chest wall tumour
- 91 Chest wall Excision of mediasternal masses/tumours
- 92 Chest wall Excision of rib tumour
- 93 Chest wall Multiple fracture fixation
- 94 Chest wall Plication of paralysed diaphragm
- 95 Chest wall Repair of congenital diaphragmatic hernia
- 96 Chest wall Thoracoplasty
- 97 Bronchi/Lungs/Pleura Open excision/biopsy of lesion of pleura
- 98 Bronchi/Lungs/Pleura Pleurectomy for pneumothorax
- 99 Mediastinum Diagnostic thoracotomy
- 100 Cardiac surgery Decompression of cardiac tamponade
- 101 Heart-cardiology Map guided surgery for ventricular arrhythmias including mapping (by surgeon)
- 102 Heart-cardiology Percutaneous transluminal ablation of atrio-ventricular node (by electrophysiology team)
- 103 Heart-cardiology Percutaneous transluminal balloon operations on aorta (Aortoplasty)
- 104 Heart-cardiology Percutaneous transluminal modification of Atrioventricular node (by electrophysiology team)
- 105 Heart-cardiology Percutaneous transluminal peripheral angioplasty (femoral, iliac, renal, popliteal, subclavian and other distal vessels) (also performed by interventional radiologist)

PROCEDURE G (RM 1001 - RM 1500)

- 106 Chest wall Excision of chest wall tumour
- 107 Chest wall Excision of mediasternal masses/tumours
- 108 Chest wall Excision of rib tumour
- 109 Chest wall Multiple fracture fixation
- 110 Chest wall Plication of paralysed diaphragm
- 111 Chest wall Repair of chest wall deformities e.g. pectus excavatum/pectus carinatum
- 112 Bronchi/Lungs/Pleura Thoracoscopic lung resection (including video assisted)
- 113 Mediastinum Diagnostic thoracotomy
- 114 Cardiac surgery Decompression of cardiac tamponade
- 115 Heart-cardiology Cardiac pacemaker system introduced through vein (dual chamber) – Permanent
- 116 Heart-cardiology Percutaneous transluminal ablation of atrio-ventricular node (by electrophysiology team)
- 117 Heart-cardiology Percutaneous transluminal balloon operations on aorta (aortoplasty)
- 118 Highly selective vagotomy
- 119 Proximal gastric vagotomy
- 120 Vagotomy with pyloroplasty

PROCEDURE H (RM 751 - RM 1000)

- 121 General procedures Diagnostic endoscopic examination of mediasternum
- 122 Fibreoptic endoscopic procedures under topical anesthesia Fibreoptic examination of trachea and bronchus including biopsy/removal of foreign body
- 123 Chest wall Exploratory median sternotomy
- 124 Chest wall Exploratory thoracotomy
- 125 Chest wall Resection of rib and open drainage of pleural cavity
- 126 Chest wall Sternal/chest wall resuture
- 127 Trachea Open placement of prosthesis in trachea
- 128 Trachea Scalene nodes biopsy
- 129 Trachea Trachea dilatation
- 130 Trachea Trachea resection/repair
- 131 Trachea Tracheoplasty
- 132 Mediastinum Anterior mediastinoscopy/suprasternal route
- 133 Mediastinum Diagnostic endoscopic examination of mediastinum
- 134 Mediastinum Endoscopic excision of lesion of mediasternum
- 135 Mediastinum Exploration mediasternum/anterior mediastinotomy
- 136 Mediastinum Thymectomy
- 137 Cardiac surgery Incision of pericardium
- 138 Cardiac surgery Insertion of intraaortic balloon
- 139 Cardiac surgery Pericardial drainage
- 140 Cardiac surgery Pericardial biopsy
- 141 Heart-cardiology Adult cardiac catheterisation (including coronary arteriography/catheterisation of right/left side of heart/contrast radiology)
- 142 Heart-cardiology Cardiac pacemaker system introduced through vein (single chamber) – permanent
- 143 Heart-cardiology Mapping of conducting system (in isolation) (by electrophysiology team)
- 144 Heart-cardiology Paediatric cardiac catheterisation
- 145 Heart-cardiology Insertion of IVC Filter
- 146 Heart-cardiology Replacement of generator for intravenous cardiac pacemaker system
- 147 Heart-cardiology Resiting of intravenous cardiac pacemaker system
- 148 Heart-cardiology Thrombolysis or aspiration of thrombus under imaging control

PROCEDURE I (RM 601 - RM 750)

- 149 General procedures Diagnostic examination of bronchus using rigid bronchoscope including biopsy/removal of foreign body/dilatation of stricture
- 150 Trachea Tracheostomy
- 151 Fibreoptic endoscopic procedures under topical anesthesia Dilatation of bronchial stricture by fibreoptic bronchoscope
- 152 Fibreoptic endoscopic procedures under topical anesthesia Transbronchial biopsy
- 153 Bronchi/Lungs/Pleura Diagnostic examination of bronchus using rigid bronchoscope (including biopsy/removal of foreign body/dilatation of stricture)
- 154 Bronchi/Lungs/Pleura Endoscopic excision of lesion(s) of lung/pleura

- 155 Heart-cardiology Cardiac pacemaker system introduced through vein (single chamber) – temporary
- 156 Heart-cardiology Peripheral angiogram (performed both by cardiologist and radiologist)

PROCEDURE J (RM 401 - RM 600)

- 157 Fibre optic endoscopic procedures under topical anesthesia Bronchial lavage (diagnostic or therapeutic)
- 158 Fibre optic endoscopic procedures under topical anesthesia Dilatation of trachea stricture including insertion of stent
- 159 Bronchi/Lungs/Pleura Biopsy of pleura

PROCEDURE K (RM 301 - RM 400)

- 160 General procedures Insertion of tube drain into pleural cavity
- 161 Trachea Insertion of mini tracheostomy
- 162 Bronchi/Lungs/Pleura Drainage of pleural cavity/Aspiration with/without biopsy
- 163 Bronchi/Lungs/Pleura Insertion of tube drain into pleural cavity
- 164 Bronchi/Lungs/Pleura Introduction of substance into pleural cavity with chest drain
- 165 Bronchi/Lungs/Pleura Needle biopsy of lung
- 166 Bronchi/Lungs/Pleura Pleurodesis
- 167 Bronchi/Lungs/Pleura Thoracoscopy (with/without biopsy) pleura/lung
- 168 Cardiac surgery Removal of intraaortic balloon
- 169 Heart-cardiology Pericardiocentesis
- 170 Heart-cardiology Removal of pacing system without bypass for paediatric cases
- 171 Others Transoesophageal echocardiography (intraoperative during coronary artery bypass grafts (CABG) or valve repair)

PROCEDURE L (RM 201 - RM 300)

- 172 None

PROCEDURE M (RM 121 - RM 200)

- 173 General procedure Continuous Holter monitoring
- 174 General procedure Pacemaker follow-up (complex)
- 175 Others External cardioversion
- 176 Others Coronary angioplasty standby team

PROCEDURE N (RM 76 - RM 120)

- 177 Bronchi/Lungs/Pleura Introduction of substance into pleural cavity with chest drain

PROCEDURE O (RM 51 - RM 75)

178 None

PROCEDURE P (RM 31 - RM 50)

179 Pacemaker follow up (simple)

PROCEDURE Q (RM 21 - RM 30)

180 None

PROCEDURE R (RM 20)

181 None