

**SREE CHITRA TIRU NAL INSTITUTE FOR
MEDICAL SCIENCES AND TECH NOLOGY**

T hiruvananthapu ram – 6 95011, India



W O R K R E C O R D

Name : Dr. ASHOK KUMAR c J

Course : M.Ch

Dis cipline : CAR DIO VA SCULAR AND TH ORACIC SURGER Y

Ye ar of Stu dy : January 2012 – December 2014

CERTIFICATE

*I hereby certify that I have performed / assisted
all the procedures listed in the work record.*

Place:

Signature:

Date:

Name: DR.ASHOK KUMAR C J

Forwarded: The above candidate has satisfactorily
carried out the minimum required procedures.

Seal

Prof. Jayakumar K
Head of the Department,
Department of CVTS,
SCTIMST,
Thiruvananthapuram.

PROCEDURES PERFORMED

OS ASD CLOSURE	7
VSD CLOSURE	3
MITRAL VALVE REPLACEMENT	1
MISCELLANEOUS	3

PROCEDURES ASSISTED**ADULT CARDIAC SURGERY**

CABG/ OPCAB		145
ON PUMP CABG	129	
OPCAB	6	
REDO CABG	1	
CABG + MV REPAIR	4	
CABG + CORONARY ENDARTERECTOMY	4	
CABG + EPICARDIAL CYST MARSUPIALIZATION	1	
LV PSEUDOANEURYSM REPAIR		1
AVR	24	30
MINIMALLY INVASIVE AVR	1	
AVR + VSD CLOSURE	1	
AVR + OMV	1	
REDO AVR	3	
MVR	34	44
REDO MVR	4	
MVR + TV REPAIR	4	
MVR + ASD CLOSURE	1	
MVR + VSD CLOSURE	1	
AVR + MV REPAIR		3
MV REPAIR		10
AVR + CABG		13
MVR + CABG		3
BENTALL'S PROCEDURE		3
BENTALL'S PROCEDURE + STAGED HYBRID TEVAR		1
AVR + MV REPAIR + STAGED HYBRID TEVAR		1
DVR		11
DVR + TVA		4
EMBOLIZED ASD DEVICE RETRIEVAL		1

PROCEDURES ASSISTED

CONGENITAL HEART SURGERY

OS ASD CLOSURE		11
SV ASD CLOSURE + PAPVC REROUTING		5
WARDEN'S PROCEDURE		1
TAPVC REPAIR	7	9
TAPVC REPAIR + WARDEN'S PROCEDURE	2	
ARTERIAL SWITCH OPERATION	7	9
ASO + ARCH RECONSTRUCTION	1	
ASO + RIGHT DIAPHRAGMATIC PPLICATION	1	
NORWOOD PROCEDURE		1
REV PROCEDURE		1
1.5 VENTRICULAR REPAIR		1
RV - PA CONDUIT REPAIR	2	3
RV - PA CONDUIT CHANGE	1	
UNIFOCALIZATION		2
PA BANDING		3
MODIFIED B-T SHUNT		5
BDGS		12
ICR		41
PDA INTERRUPTION		3
PDA DEVICE RETRIEVAL + INTERRUPTION	1	
VSD CLOSURE	26	30
VSD CLOSURE + AV REPAIR	4	
PAPVC REROUTING		1
HAPVC REROUTING		1
AORTIC ROOT REPLACEMENT WITH HOMOGRAFT		2
TRUNCUS ARTERIOSUS REPAIR		1
RVOT PERFORATION		1
CAVCD REPAIR		6
PAVCD REPAIR		4
COARCTATION OF AORTA REPAIR		6
EXTRACARDIAC FENESTRATED FONTAN		4
SUPRA-MITRAL MEMBRANE EXCISION		1

PROCEDURES ASSISTED
THORACIC AND VASCULAR SURGERY

RUPTURED INFRA-RENAL AAA REPAIR	1
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MISCELLANEOUS

DELAYED STERNAL CLOSURE	22
EPICARDIAL PPI PLACEMENT	5
STERNAL WIRE REMOVAL	3
HOMOGRAFT HARVEST AND TRIMMING	5
PMMC FLAP REPAIR FOR NON HEALING STERNAL WOUND	3
PERICARDIAL EFFUSION DRAINAGE THROUGH SUBXIPHOID ROUTE	3
WOUND DEBRIDEMENT AND SECONDARY SUTURING	4

PAPER PRESENTATION

CTCON 2013:

Oral Presentation: *Delayed Sternal Closure – Holding its ground in congenital cardiac surgery*

IACTSCON 2014:

Oral Presentation: *The benefits of Coronary revascularization with DOR procedure - Our experience*

Poster Presentation: *The impact of concomitant left ventricular linear plication along with CABG.*

APPCS 2014:

Poster Presentation:

- (1) *Primary suture-less repair of total anomalous pulmonary venous connection – Early outcomes*
- (2) *Biventricular conversion of patients subjected to uni-ventricular route – Challenges in I.C.U*

CME ATTENDED

MID – TERM IACTS CME 2014 in Madurai

PUBLICATIONS

TETRALOGY OF FALLOT WITH CONCOMITANT MORGAGNI'S HERNIA: THE VALUE OF ROUTINE CHEST ROENTGENOGRAM.
Accepted for publication in The Annals of Thoracic Surgery, September 2014.

LIST OF INTERESTING CASES

- (1) **UNIFOCALIZATION OF MAPCA'S + ICR**
- (2) **DOUBLE VALVE INTERVENTION + STAGED HYBRID
TEVAR**
- (3) **MODIFIED BENTALL'S PROCEDURE + STAGED
HYBRID TEVAR**
- (4) **EARLY STUCK MITRAL PROSTHETIC VALVE
REPLACEMENT**
- (5) **PARTIAL PERICARDIECTOMY**
- (6) **PRIMARY SUTURELESS TAPVC REPAIR + WARDEN'S
PROCEDURE**
- (7) **ICR + RV Æ PA HOMOGRAFT CONDUIT**
- (8) **ICR FOR TOF + MORGAGNI'S HERNIA REPAIR**
- (9) **CABG + LV EPICARDIAL BRONCHOGENIC CYST
MARSUPIALIZATION**
- (10) **ARTERIAL SWITCH OPERATION + RIGHT
DIAPHRAGMATIC PLICATION**

UNIFOCALIZATION PLUS ICR

DIAGNOSIS: CCHD, TOF, CONFL PA, RPA ORIGIN STENOSIS, MULTIPLE MAPCAS, OS ASD, GOOD LV, SR

PROCEDURE: UNIFOCALIZATION OF MAPCA + RPA PLASTY + ICR (TRANS RA-PA) + MONOCUSP RECONSTRUCTION OF RVOT (PTFE) + TAP (BOVINE PERICARDIAL PATCH AND AUTOLOGOUS PERICARDIAL PATCH) on 11.03.2013.

HISTORY: 18 years old boy, 2nd child among 2, FTNVD. Detected to have CHD at 3 months of age on evaluation for respiratory distress and bluish discoloration of skin while crying. No h/o feeding difficulty. H/o breathlessness and bluish discoloration on exertion (+). No h/o orthopnea/cyanotic spell/ CCF. Other sibling is normal.

PHYSICAL EXAMINATION: Conscious, oriented, moderately built and nourished. No pallor/ icterus/ edema. Cyanosis (+) & Clubbing (+), Weight: 32 kg. Spo2: 78-80%. HR: 100/min. CVS - Precordial bulge (+). Hyperkinetic precordium. AP at 5th LICS 1 cm outside MCL, S1 S2 (+) Gr 3/6 ESM (+). RS: AEBE, Clear. P/A-Soft, No hepatomegaly. CNS - Normal.

INVESTIGATIONS: Blood group: A+, HBsAg: - ve, Haemoglobin 12.3 g/100 ml, Serum Urea Nitrogen 13 mg%, Creatinine 1.00 mg/dL, LFT-Normal

ECG: SR @ 90bpm, RBBB (+)

ECHO: LV- 30/20, LA/AO- 20/30, SS/LC, AV-VA concordance, DTA flow reversal (+), right arch, no CoA/ASD, large SAVSD > 50% aortic override, LCA & RCA origin normal, IVC dilated and congested, CC dilated, no vessel crossing RVOT, DTA 29 mm, IVC 15/22 mm, pulmonary annulus 8 mm, Significant valvular and infundibular stenosis, PS gradient 100 mm Hg, Trivial antegrade flow in PA (+), MPA 9 mm, LPA 11 mm, RPA 5 mm, RPA (distal) 7 mm, PS (+), VSD (+), RVSP – 94 + RA mean.

CATH STUDY: PRESURES – RA: a4 v2 m1, RV: s130 ed2, RPA: 12/8 m10, LPA: 12/8 m9, LV: s140 ed8, Ao: 134/80 m92

Collateral from left innominate / PDA = 130/80 mean 90

PDA collateral @ T4 pressure m 40 mm Hg at ostium, measures 6 mm

MPA and RVOTO angiogram, confluent PAS, LPA= 13 mm, RPA + 9 mm, RPA filling only lower lobe.

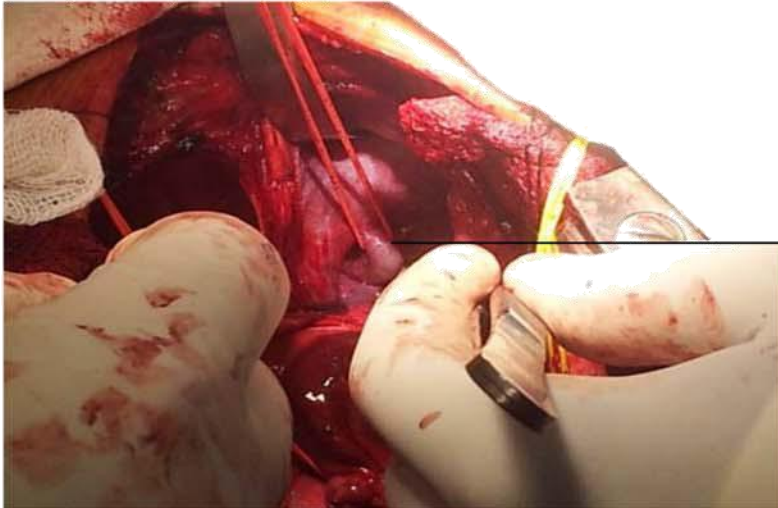
Left innominate injection shows large PDA/ collateral supplying rt. upper and middle lobes

LV angiogram in LAO cranial view: large SAVSD with 50% aortic override, no additional VSD, Rt. arch, no CoA, normal coronaries, good LV function. No MR.

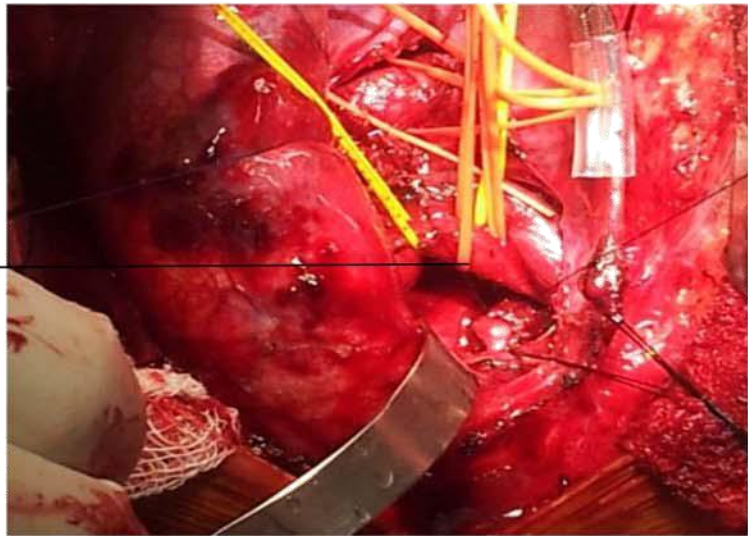
SURGICAL FINDINGS: SS, LC. Small Thymic remnant seen. Right arch. Mirror image branches from the arch. Normal systemic venous drainage. Normal systemic and pulmonary venous drainage. MPA small. RPA small. LPA normal. Retro-aortic right innominate vein. Four MAPCA's identified. Large MAPCA arising from the left subclavian artery. Second MAPCA seen arising from DTA just in front of the carina. Two other MAPCA's seen coming from the abdominal cavity and coursing over the dome of the right diaphragm. 12 x 10 mm DC VSD present. PV bicuspid and atretic. RVOT hypertrophied.

COURSE IN HOSPITAL: Uneventful

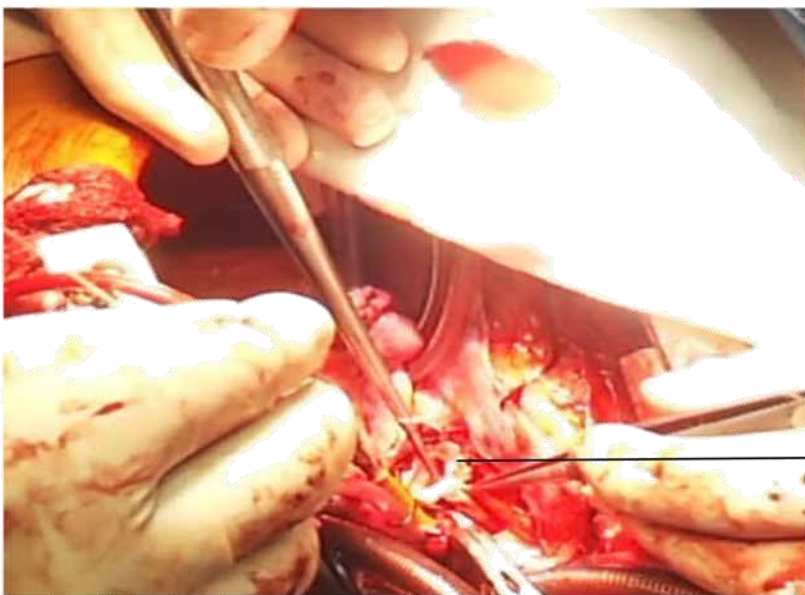
INVESTIGATIONS PRIOR TO DISCHARGE: **CXR:** No pleural effusion or pneumothorax. **ECG:** SR, No fresh changes. **ECHO:** No residual VSD, RVOT gradient-16 mmHg, PR 1-2+. No PE/Clot.



MAPCA from DTA to Lower lobe of Right lung



MAPCA from DTA to Upper lobe of Right Lung



Unifocalization of MAPCA's to Right Pulmonary artery

**DOUBLE VALVE INTERVENTION WITH STAGED HYBRID
REPAIR OF AORTIC PSEUDOANEURYSM**

DIAGNOSIS: POST-TRAUMATIC SEVERE AR (NCC & RCC TEAR), MODERATE MR, PSEUDOANEURYSM OF DISTAL ARCH AND PROXIMAL DESCENDING AORTA, SR, H/O MULTIPLE FRACTURES

PROCEDURE: AVR # 21 CHVP + MV REPAIR (WITH # 27 SJ TAILOR RING ANNULOPLASTY) + LEFT CCA DE-BRANCHING + ASCENDING AORTA TO LEFT CCA BYPASS WITH # 8 MM DACRON GRAFT on 25.06.2013 + TEVAR on 26.06.2013

HISTORY: 56 years old male, presented with h/o acute dyspnea, started in FC- III-IV now in FC- II, started after fall from a tree. H/o DOE present. No h/o palpitation/syncope/ACS/ Claudication. Risk factors for CAD: DM (-)/ HTN (-)/ DLP (-). H/o multiple fractures - healed.

PHYSICAL EXAMINATION: Conscious, oriented, comfortable at rest in lying position. No pallor/icterus/pedal edema. JVP- (-). HR: 86/min. BP: 120/40mmHg. CVS - Precordium normal, S1 S2 normal. AI in 5th ICS MCL, Gr 3/6 EDM + in aortic area. RR: 24/min. RS - B/L lung field clear. P/A - Soft, NAD. CNS - No deficit. Allen's test (-). Carotid bruit (-). PVOD (-). Varicose vein (-).

INVESTIGATIONS: Blood group: O +ve; HBsAg: Negative; Hemoglobin: 10.7 g/100 ml; INR 1.66; Serum Urea Nitrogen: 21 mg%; Creatinine: 1.60 mg/dL

CXR: CTR normal, B/L lung field clear.

ECG: SR, HR 90/min, T inversion V1-V4

ECHO: LV- 60, EF- 59%, LA/AO- 43/29, RWMA nil, MR 2-3+, EDV 186, ESV 76, AR 4+, left arch no CoA, trivial PE, frequent ectopics.

SURGICAL FINDINGS:

Mild Cardiomegaly +. Mild hemorrhagic PE+. LA mildly enlarged. Severe AR. NCC and RCC tear noted. Moderate MR.

Pre-op TEE: Good LV systolic function. EF - 59%. No RWMA. LVH +.

Post-op TEE: Good LV and RV systolic function. No RWMA. AVR # 21 CHVP and MV Repair with # 27 SJ Tailor ring annuloplasty. No paravalvular leak.

Left Common Carotid artery: Exposed, good calibre, no stenosis.

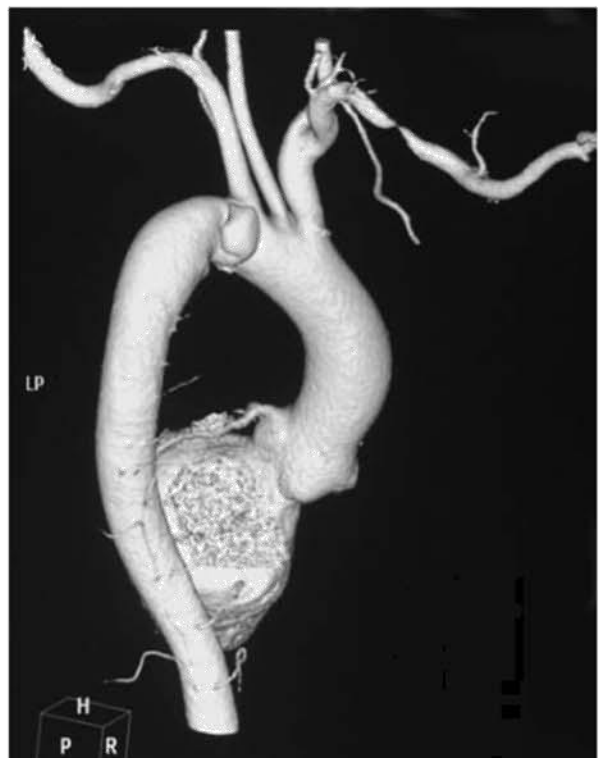
Right Femoral Artery exposed for TEVAR.

TEVAR done on 26.06.2013.

COURSE IN HOSPITAL: Uneventful recovery.

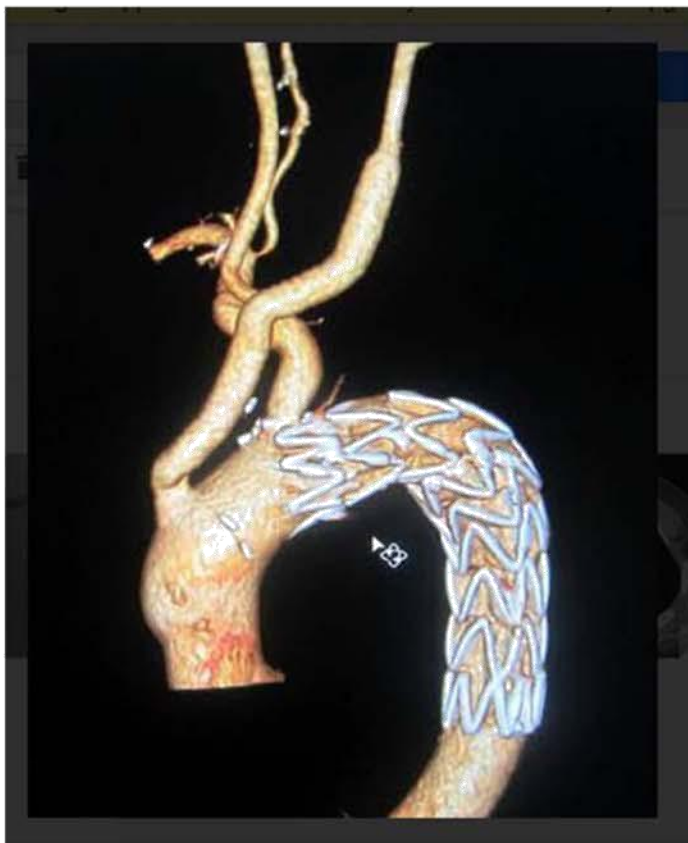
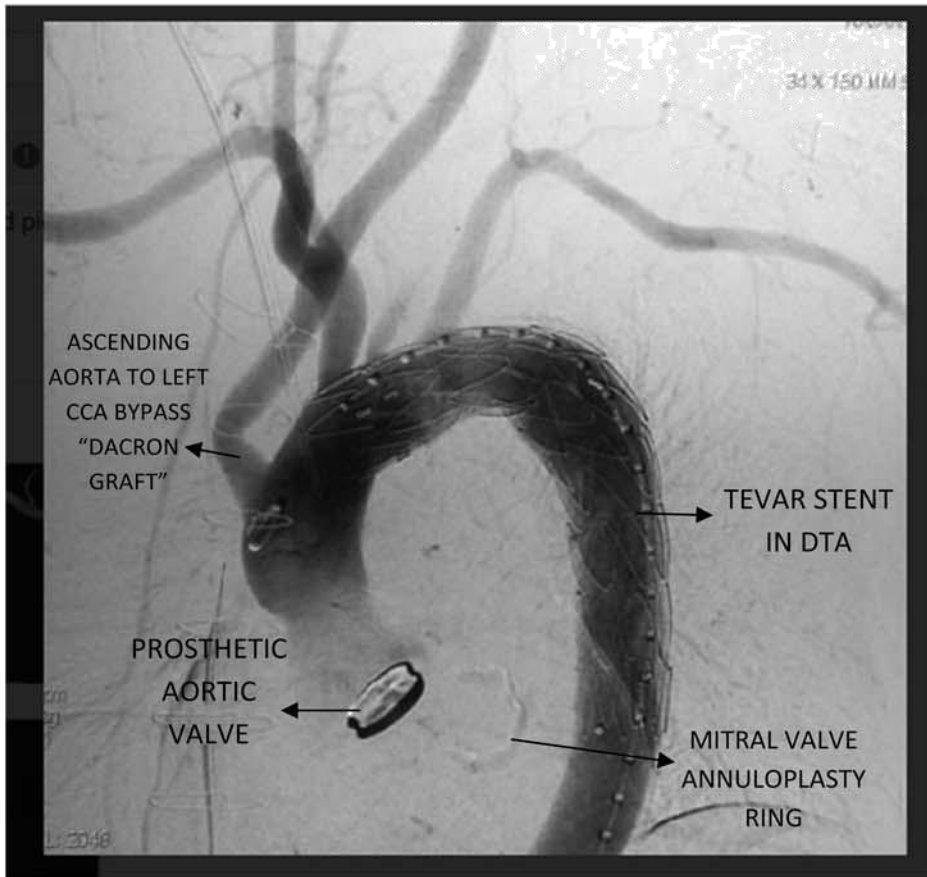
INVESTIGATIONS PRIOR TO DISCHARGE: Hb: 9.1 g%, BUN: 13 mg%, Cr: 1.6 mg %. **CXR:** No pneumothorax, collection. **ECG:** SR, no fresh changes. **ECHO:** No Clot/ PE. MV gradient 20/5, EF 60%, Good LV/RV Function, MR 1+.

Pre-operative CT Angiogram:
Showing Pseudoaneurysm of Aorta



**POST-OPERATIVE
IMAGING**

ANGIOGRAM



CT-
ANGIOGRAM

MODIFIED BENTALL'S PROCEDURE PLUS
STAGED HYBRID TEVAR

DIAGNOSIS: ANNULOARTIC ECTASIA, ASC. AORTIC ANEURYSM, MOD AR, MILD MR, GD LV, DEBAKEY TYPE III B DISSECTION, SR, MARFAN'S SYNDROME

PROCEDURE: MODIFIED BENTALL'S PROCEDURE (# 25 CHVP AVR + # 26 MM ALBOGRAFT) + ASC. AORTA TO LEFT CCA BYPASS (# 10 MM DACRON GRAFT) + PROXIMAL LEFT CCA LIGATION on 8/07/2013 and TEVAR on 10/07/2013

HISTORY: 38 years old female, presented with h/o DOE since 5 years, started as FC- II progressed to FC- II. H/o palpitation (+) on exertion. K/c/o Marfan's syndrome. No h/o PND/ cough/ orthopnea/ claudication/ ACS/ syncope/ pre-syncope. Risk factors for CAD: DM (-)/ HTN (-)/ DLP (-). Detected heart disease at pregnancy. Other medical/surgical illness - H/o Partial vision loss in (R) eye, (L) eye - ectopia lentis.

PHYSICAL EXAMINATION: Conscious, oriented, comfortable at rest in laying position. No pallor/icterus/pedal edema. JVP- not raised. HR: 80/min. BP: 120/80mmHg. RR: 20/min, collapsing. CVS- Precordium normal, S1 S2 normal, LUSB (+). AI 6th LICS in MCL. Murmur PSM at apex 3/6, EDM at aortic area, Peripheral sign of AR (+). RS- AEBE, clear. P/A- soft, no hepatomegaly. CNS - NAD. Allen's test (-). Carotid bruit (-). PVOD (-). Varicose vein (-).

INVESTIGATIONS: Blood group: B +, HBsAg: -ve, Haemoglobin: 9.8 g/100 ml, Serum Urea Nitrogen 11 mg%, Creatinine 0.70 mg%.

CXR: CTR 0.66, mid PVH (+), dilated ASC aorta & DTA

ECG: SR, PR 190ms, LVH (+), q in V5- V6

ECHO: LV- 64/43, EF- 59%, SF- 32%, LA/AO- 31/55, no RWMA, good LV, no PE, dissection flap seen for distal aorta, MR 2+, MVP of AML + PML, TR 1+, AR 3-4+, annulo-aortic ectasia +, Ascending aortic aneurysm +.

SURGICAL FINDINGS:

Mild cardiomegaly. LV dilated. Aorta dilated with Ascending aorta aneurysm present about 5.5 cm in diameter extending from sino-tubular junction to level of origin of left innominate artery origin. RA, RV, LA normal.

Aortic valve - Tricuspid valve. Moderate AR. Annulus and STJ dilated along with ascending aorta. No dissection present. Aortic valve calcified.

Left coronary artery from left sinus. Right coronary and Left circumflex artery from right sinus.

Pre-op TEE: Fair LV function, EF 50 %, no RWMA, good RV, Tricuspid AV, moderate AR, mild MR, ascending aorta dilated, dissection flap seen in proximal descending aorta.

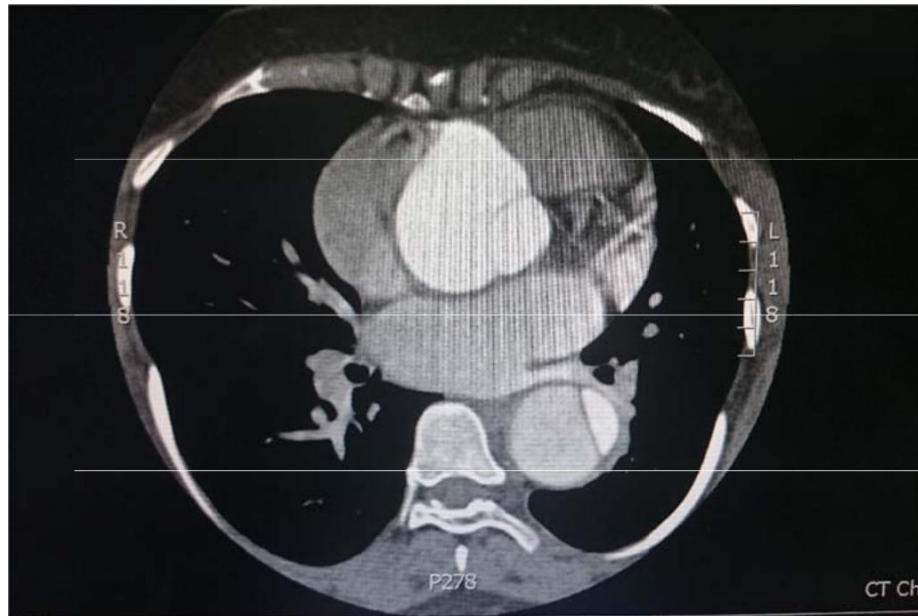
Post-op TEE: LV systolic function good, EF 50 %, good RV, no AR, normal PV movements, Mean gradient 9 mm Hg

COURSE IN HOSPITAL: Uneventful

INVESTIGATIONS PRIOR TO DISCHARGE: Hb: 9.8 g%, BUN: 11 mg%, Cr: 0.7mg %. **CXR:** No pneumothorax, collection. **ECG:** SR, no fresh changes. **ECHO:** AV gradient 9/5 mm Hg, AR1+, MR1+, No PE/CLOT.

PRE-OPERATIVE CT ANGIOGRAM

(A) Showing Dissection flap in Ascending Aorta and extending distally



(B) Thrombus in the dissection flap in the Descending Thoracic Aorta (DTA)



POST – OPERATIVE CT-ANGIOGRAM



Showing the Modified Bentall's Procedure with Ascending Aorta to Left Common Carotid artery bypass Dacron graft + **TEVAR** in Descending Thoracic Aorta (DTA)

**EARLY PROSTHETIC VALVE THROMBOSIS – STUCK VALVE
REPLACEMENT**

DIAGNOSIS: RHD, S/P MVR #25 SJM + PMLP (11/09/2013), PV THROMOBOSIS, P/ FAILED THROMBOLYSIS, GOOD LV, SR

PROCEDURE: EMERGENCY REDO MVR # 25 CHVP + PMLP on 24/12/13

HISTORY: 17 year old boy, s/p MVR # 25 SJM + PMLP on 11/9/13 for RHD, Severe MR, moderate MS presented with H/o cough x 2 days. Associated with h/o Orthopnea, palpitations, blood stained sputum, general fatigue. (Not aware of valve clicks). No h/o bleeding tendency, stroke, seizures.

PHYSICAL EXAMINATION: Conscious, oriented. No pallor/ cyanosis/ clubbing/ pedal edema. PR: 72/min. BP: 130/80mmHg. CVS: Previous sternotomy scar (+). PV clicks muffled (+). Peripheral pulses equal and B/L. RS: few basal crepts +. PA: Soft, no organomegaly. CNS: NAD.

INVESTIGATIONS: Blood group: O+ HBsAg: -ve, Haemoglobin: 8.7 g/100 ml, Serum Urea Nitrogen: 18 mg%, Creatinine: 0.70 mg/dL, INR - 4

ECG: SR, PR-160ms, LAE.

ECHO: LV 59/29, LA 63/AO 28, MV gradient 42/20 @ 72/min, leaflets not moving fully. RVSP – 60 + RAP.

FLUOROSCOPY: Prosthetic mitral valve leaflets not moving freely. Both leaflets not opening completely.

SURGICAL FINDINGS:

Six sternal wires removed, mild No pericardial effusion. B/L Pleura opened. Dense adhesions + between the sternum and the mediastinum and around the RA, RV and LA. Cardiomegaly present. Aorta and PA normal. Normal systemic and pulmonary venous drainage. Good LV contractility.

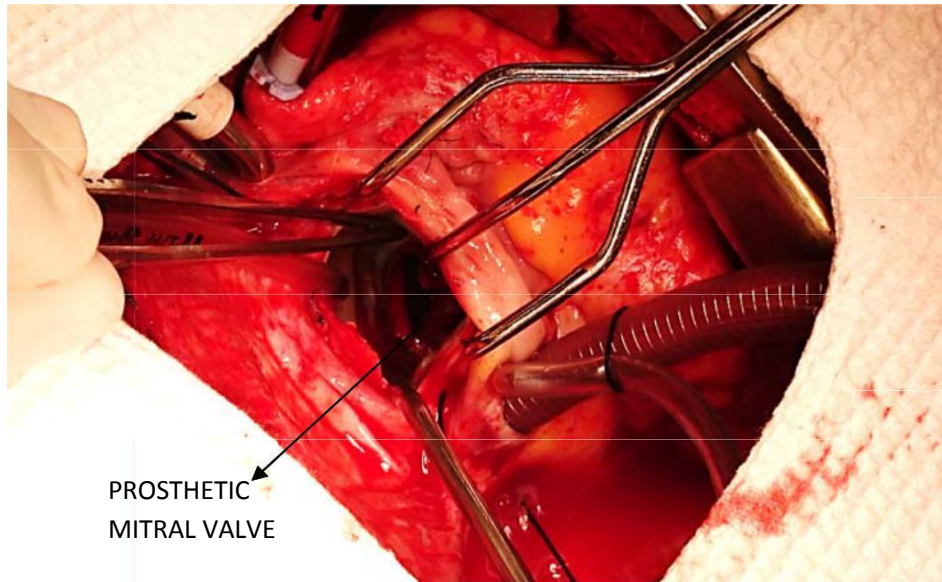
Prosthetic Mitral Valve - # 25 SJM in situ with thrombus over both leaflets entirely in closed position. PML intact.

Post Op TEE: Normal PV movements and function. No paravalvular leak.

COURSE IN HOSPITAL: Uneventful.

INVESTIGATIONS PRIOR TO DISCHARGE: Hb: 8.7 g%, BUN: 18mg%, Cr: 0.7 mg %. **CXR:** No pneumothorax/ collection. **ECG:** SR, no fresh changes. **ECHO:** No PE/Clot, MV Gradient 6/2.5, Fair LV function.

INTRA-OPERATIVE PICTURE SHOWING THE
THROMBOSIS AND STUCK MITRAL PROSTHETIC VALVE



EXPLANTED PROSTHETIC VALVE SHOWING THROMBUS
OCCLUDING THE VALVE LEAFLETS



PARTIAL PERICARDIECTOMY

DIAGNOSIS: ACUTE PYOGENIC PERICARDITIS WITH CARDIAC TAMPONADE, P/ PERICARDIOCENTESIS

PROCEDURE: PARTIAL PERICARDIECTOMY DONE ON 03.04.2013.

HISTORY: 7 years old boy with acute febrile illness with h/o Dyspnea of short duration. Was admitted in SAT, work up there showed pericardial effusion with stranding. With suspicion of pyopericardium, he was shifted to SCTIMST.

PHYSICAL EXAMINATION: BP: 103/50. PR: 150/min-regular, RR: 50/min, JVP: increased, SpO₂: 100% (on 6 L Oxygen). CVS: muffled S1 and S2, no murmur. RS: B/L Air entry +ve, clear. P/A: soft, no organomegaly. CNS: NAD.

INVESTIGATIONS:

Blood group: AB +ve, HBsAg: -ve, HIV: negative, Haemoglobin 13.6 gm%, Total count 23500 cells/cub mm, Poly 86 %, Lymphocytes 12 %, Eosinophils 2.0 %, Serum Urea Nitrogen 8 mg%, Creatinine 0.50 mg/dL

CXR: Cardiomegaly +ve, CTR 70%, Left upper lobe consolidation, blunted Right CP angle.

ECG: SR at 150/min, axis 60 deg, q in II, III, aVF, ST elevation in V1-V5, II, aVF and ST depression in aVR.

ECHO: Circumferential pericardial effusion 14 mm posterior to LV, 17 mm lateral, 16 mm anterior, 14 mm apically with thick strands seen in pericardium, Diastolic RA collapse. > 50% variation in mitral and tricuspid flow. RVSP 17+RA

Pericardial fluid (P/ Pericardiocentesis): protein 4 gm/dl, sugar: 0 gm/dl, TLC: 4300/ mm³

Gram Stain: gram +ve cocci, **Culture:** Staphylococcus aureus, coagulase +ve, sensitive to oxacillin, gentamycin, linezolid, co-trimaxazole.

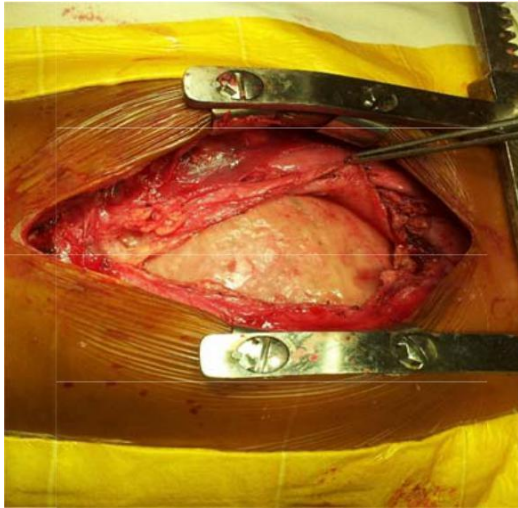
COURSE AND MANAGEMENT: This boy was admitted with pyopericardium in cardiac tamponade. Pericardiocentesis was done under general anaesthesia. Analysis showed high TLC, elevated LDH and low sugar, Gram stains showed Gram +ve cocci. After pericardiocentesis, patient had re-accumulation and developed tamponade again, CVTS consultation was taken and partial pericardiectomy was done on 03.04.2013. Patient was started on Inj. linezolid and inj. gentamicin, which were given for 2 weeks. Culture sensitivity report showed Methicillin Sensitive Staph. aureus, sensitive to linezolid and aminoglycosides. Patient became afebrile and repeat echo did not show any re-accumulation of effusion. Patient is being discharged in stable hemodynamic state with advice for 2 more weeks of oral antibiotic therapy.

SURGICAL FINDINGS: Densely thickened pericardium with dense adhesions between bilateral pleura. Thick fibrinous exudate covering the whole heart and great vessels inside the pericardium seen. SS, LC, Normal relation of great arteries, normal systemic and pulmonary venous drainage. PA and aorta normal.

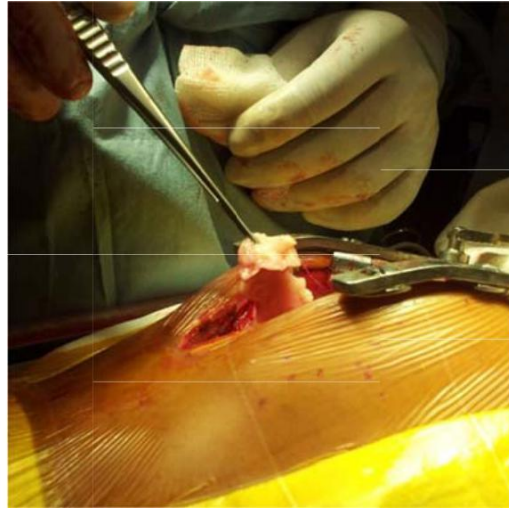
INVESTIGATIONS AT DISCHARGE:

ECHO: LV 30/20, LA /AO 28/16, EF 60%, no respiratory variation in mitral and tricuspid flow, minimal posterior pericardial separation – 5 mm.

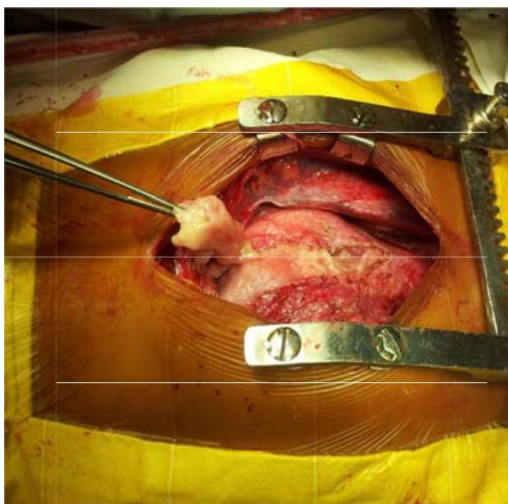
INT RA-OPERATIVE IMAGES



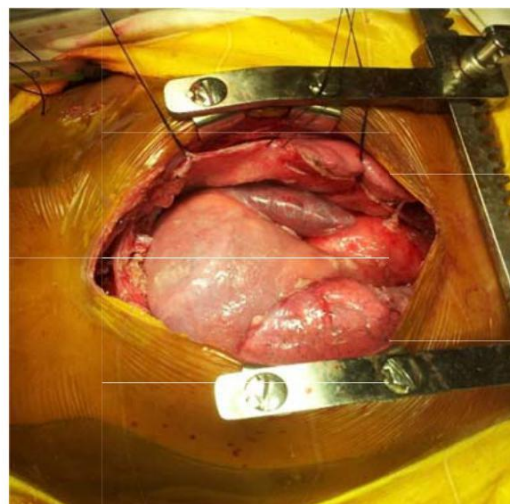
Fibrinous exudate inside the parietal pericardium



Removal of the exudate



Exudate covering the heart completely peeled off



Partial Pericardiectomy done

PRIMARY SUTURELESS TAPVC REPAIR
+ WARDEN'S PROCEDURE

DIAGNOSIS: CCHD, OBSTRUCTED SC - TAPVC, PAPVC OF RUPV, RESTRICTIVE OS ASD, SEV PAH, SR

PROCEDURE: PRIMARY SUTURELESS REPAIR OF TAPVC (CC - LA) + PAPVC REROUTING + WARDEN'S PROCEDURE on 09.10.2013.

HISTORY: 5 months old female child, 3rd born of consanguinous marriage birth at term by NVD, birth weight 2.4 kg. Cried soon after birth. Diagnosed to have CHD at 3 months of age when evaluated for tachypnea. H/o failure to thrive +, feeding difficulty + and forehead sweating +. No h/o cyanosis/ delayed milestones/ CCF. Immunized for age.

PHYSICAL EXAMINATION: Active. No pallor/ cyanosis/ clubbing/ pedal edema. PR: 130/min. SpO₂- 90 %. Weight: 4.8 kg. CVS: Hyperkinetic precordium. S1, S2 normal. AI 5th ICS. 2/6 ESM at PA. RS: Tachypnea (+), AEBE, clear. PA: Soft, No organomegaly. CNS: NAD.

INVESTIGATIONS:

Blood group: A+, HBsAg: -ve, Haemoglobin: 13.3 gm%, Creatinine 0.30 mg/dL

CXR: CTR- normal, BL increased PV Marking, B/L lung field clear.

ECG: SR, HR: 150/min, axis normal

ECHO: SS, LC, 3.5mm ASD (Flap like). SC-TAPVC, PV-CC-VV- SVC. RA/RV dilated. Common chamber measure 20x10 mm. Individual PV's adequate sized, RVSP - 66+RA. No PDA, Left Arch. No CoA. Good LV/RV function

SURGICAL FINDINGS:

SS, LC. NREGA. Normal systemic venous drainage. SVC dilated. Fair RV contractility. Hypertrophied RV. Three pulmonary veins (Both Left PV and RLPV) draining into a common chamber (20 x 10 mm), behind LA. Common chamber draining into RUPV through a vertical vein. RUPV receives the vertical vein and joins the SVC above the SVC - RA junction. Small restrictive OS ASD (2.5 mm) +. Small Aorta. PDA +.

COURSE IN HOSPITAL: Uneventful.

INVESTIGATIONS PRIOR TO DISCHARGE:

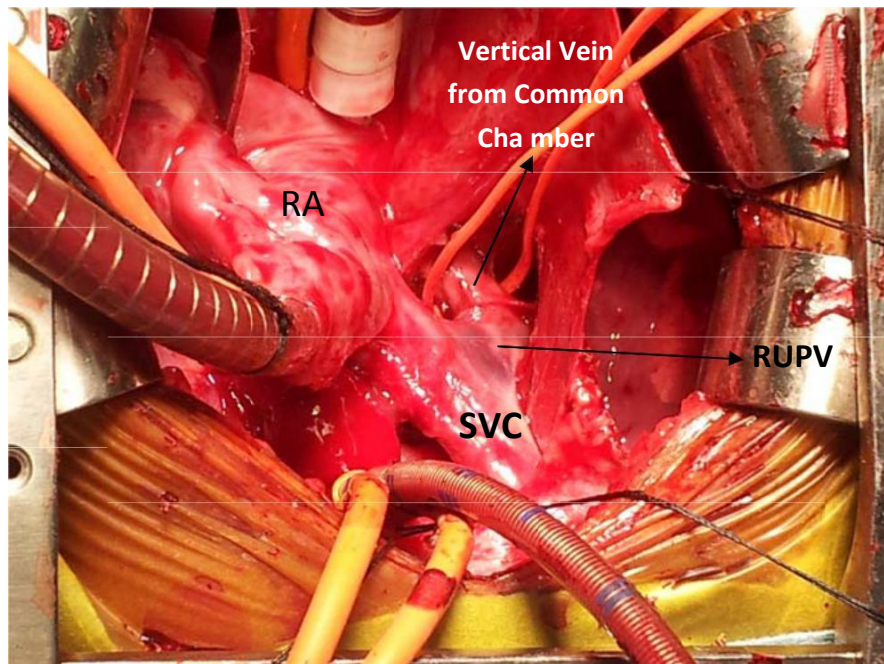
CXR: No Pneumothorax/ collection,

ECG: SR, No fresh changes

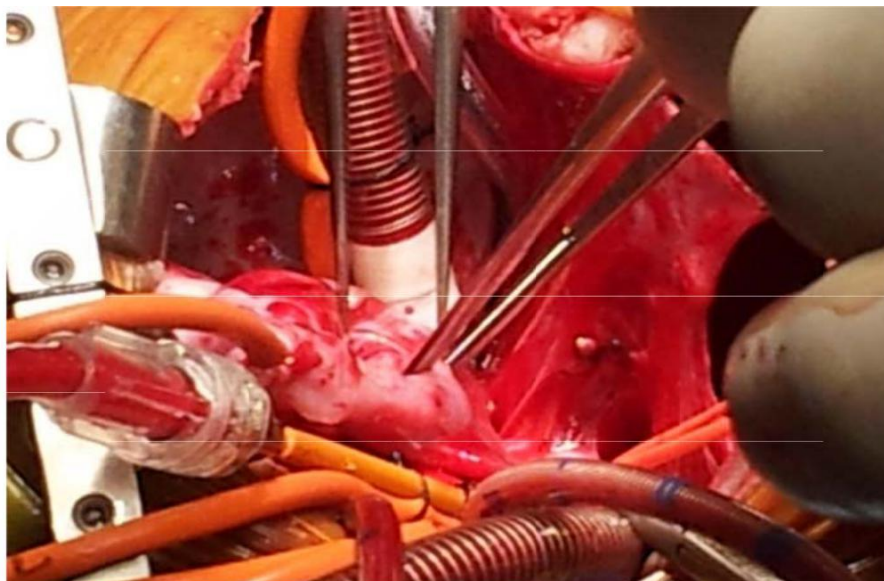
ECHO: No obstruction in PV to LA, No PE/ Clot, Good LV/ RV function.

ABNORMAL ANATOMY: VERTICAL VEIN FROM COMMON CHAMBER

**CHAMBER JOINING THE RUPV WHICH JOINS THE SVC
(SUPRACARDIAC TAPVC + PAPVC OF RUPV)**



TAPVC REPAIR + WARDEN'S PROCEDURE



ICR WITH RV Æ PA HOMOGRAFT CONDUIT

DIAGNOSIS: CCHD, PA, VSD, S/P RMBTS (2006), LPA ORIGIN STENOSIS, CONF 'PA, PDA, SR, SINGLE CORONARY (LAD FROM RCA AND CROSSING RVOT)

PROCEDURE: RMBTS TAKEDOWN + ICR (GORETEX PATCH CLOSURE OF VSD + INDUNFIBULAR RESECTION) + RV-PA CONDUIT WITH # 23 PULMONARY HOMOGRAFT + LPA AND CONFLUENCE PLASTY WITH TPP + PFO LEFT OPEN on 25.06.2014

HISTORY: An 8 year old male, 2nd born of NCM. Full term normal delivery with birth weight of 2.9 Kg. Cyanosis at birth and presented with spells at 45 days of age. Underwent BT shunt at Kottayam Medical College. H/o palpitation on exertion (+) since early childhood. No h/o LOC/ seizures/ failure to thrive/ dyspnea/ chest pain/ recurrent chest infection. No significant family history.

PHYSICAL EXAMINATION: Child playful. No pallor/ icterus/ JVP: not raised. Cyanosis (+)/ clubbing (+). HR: 110/ min. SpO₂ - 73%. CVS: precordium normal. S1 S2 (+). Grade 3/6 parasternal PSM +. RS: B/L AE equal and clear. P/A: Soft, BS (+), No organomegaly. CNS: NAD

INVESTIGATIONS:

Blood group: B+, HBsAg: -ve, Hb: 23 g%, BUN: 17 mg%, Cr: 0.5 mg%.

CXR: CTR > 0.5, increased BVM, Normal STBS

ECG: SR, 130bpm, RAD, RVH (+)

Lower limb Doppler study: Bilateral Lower limb arteries and veins normal.

ECHO: LV - 23/17, RVID - 15, EF - 57%, LA/Ao - 17/21, RPA – 11 mm, LPA - 8.5 mm, DTA – 11 mm, SS, LC, Normal Venous Drainage, IVC congested with > 50% inspiratory collapse, 9 mm SA VSD, 50% Aortic override, 10 mm segmental Pulmonary atresia, confluent PA's, small PDA (3 mm) B/D, Right BT shunt (+) functioning, NC, MR 1+, AR 1+.

SURGICAL FINDINGS: Sternum and mediastinum normal. Innominate vein normal. Small thymus present. SS, LC, NRGAs, Short segment pulmonary atresia seen. LPA origin stenosis +. RPA fair sized (RPA>LPA). RMBTS (PTFE Tube graft) from previous surgery seen between right subclavian artery and RPA. Kinking of RPA seen at the insertion of RMBTS. Small PDA +. Single coronary (RCA seen arising from LCA and crossing the RVOT). Mal-aligned VSD with > 60 % aortic override present. IAS OPENED to r/o unroofed coronary sinus. No unroofed coronary sinus seen. Right pleura opened.

COURSE IN HOSPITAL: Uneventful.

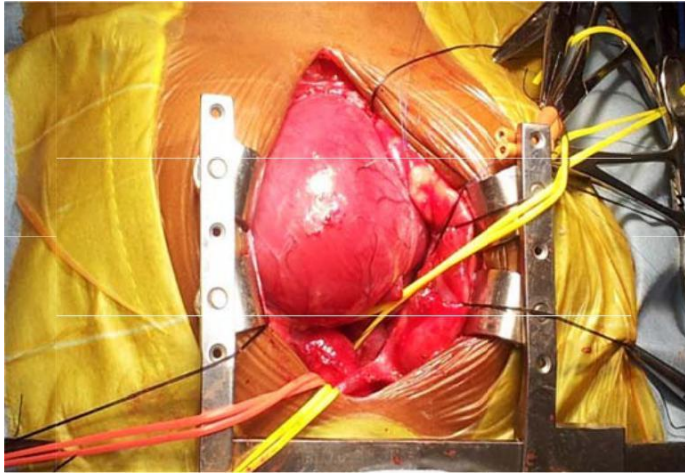
INVESTIGATIONS PRIOR TO DISCHARGE:

CXR: CTR 52 %, B/L lung fields clear, no pneumothorax, no effusion.

ECG: 150/min, SR, no fresh changes.

ECHO: No PE, RVSP - 38 + RA, No RVOT obstruction, no gradient across LPA, good LV and RV function.

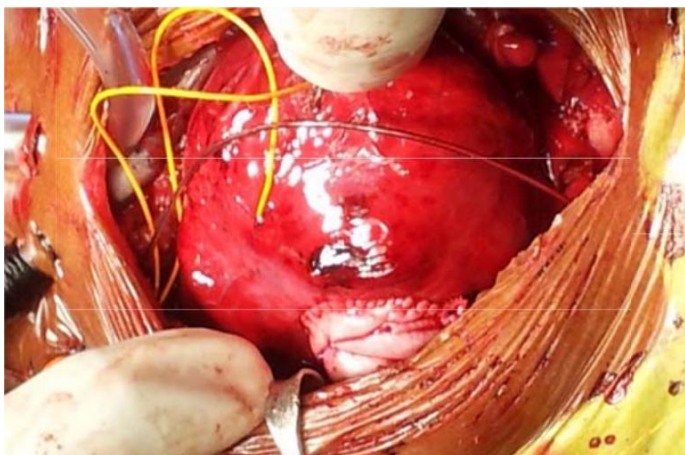
INTRA-OPERATIVE IMAGES



PULMONARY ATRESIA



**RECONSTRUCTION OF
THE PA WITH BOVINE
PERICARDIAL PATCH**



**ICR WITH RV – PA
HOMOGRIFT CONDUIT**

ICR PLUS MORGAGNI'S HERNIA REPAIR

DIAGNOSIS: CCHD, TOF, CONF. PA, DOWN'S SYNDROME, MORGAGNI'S HERNIA, SR

PROCEDURE: TRANS RA-PA ICR (GORETEX PATCH CLOSURE OF LARGE MALALIGNED VSD + INFUNDIBULAR RESECTION) + MORGAGNI'S HERNIA REPAIR DONE WITH PROLENE MESH ON 01/04/2014.

HISTORY: A 2 years old male child, of birth weight 2.5 Kg. Birth order 3rd and born of NCM of NVD. Cried soon after birth. Diagnosed to have CHD while evaluating for cyanosis and breathing difficulty on feeding. No h/o spells/ CCF/ CNS deficits. H/o immunized for age. H/o RTI x 3 weeks back.

PHYSICAL EXAMINATION: HR: 120/min, Spo2: 94%, No clubbing/ edema. Increased JVP. CVS - precordium normal. AI 5th ICS lateral to MCL. S1 S2 (+). ESM (+) at LLSB. RS: Clear, AEBE. P/A: Soft, Liver (-), Ascitis (-). CNS: NAD.

INVESTIGATIONS: Blood group: A +ve, HBsAg: -ve, Hb: 14.6 g%, BUN: 10 mg%, Cr: 0.5 mg%.

CXR: CTR, B/L lung fields clear

ECG: SR, RAD, RVH.

ECHO: SS, LC, AV- concordance, VA concordance, 8.6 mm SAVSD, IVG < 15 mm Hg, Aortic override 50%, RPA: 7.4 mm, LPA: 7.4 mm, Pulmonary annulus- 6.9 mm, Distal LPA - 7.8 mm, Distal RPA - 8.8 mm.

SURGICAL FINDINGS: SS, LC, Thymus present. Cardiomegaly +. Innominate vein normal. Large defect present in the anterior part of the diaphragm with hernial sac projecting into the mediastinum just below the xiphisternum. Hernia sac had colon as its contents. Sac not opened. NREGA, normal systemic venous drainage. Confluent PA anatomy with adequate sized branch PA's with mild stenotic supra-valvular segment. Normal Aorta. RV enlarged. IAS intact. Tricuspid valve - normal. Large Mal-aligned VSD (15 x 10 mm) seen. Aortic override + (> 60 %). Normal Aortic valve. Large hypertrophic parietal and septal bands across RVOT +. Normal Pulmonary valve.

Pre-op TEE & Epicardial Echo: Large VSD, aortic override +, RVOT gradient > 60 mm Hg.

Post-op Epicardial Echo: No residual VSD, No AR. RVOT grad.' - 20 mm Hg.

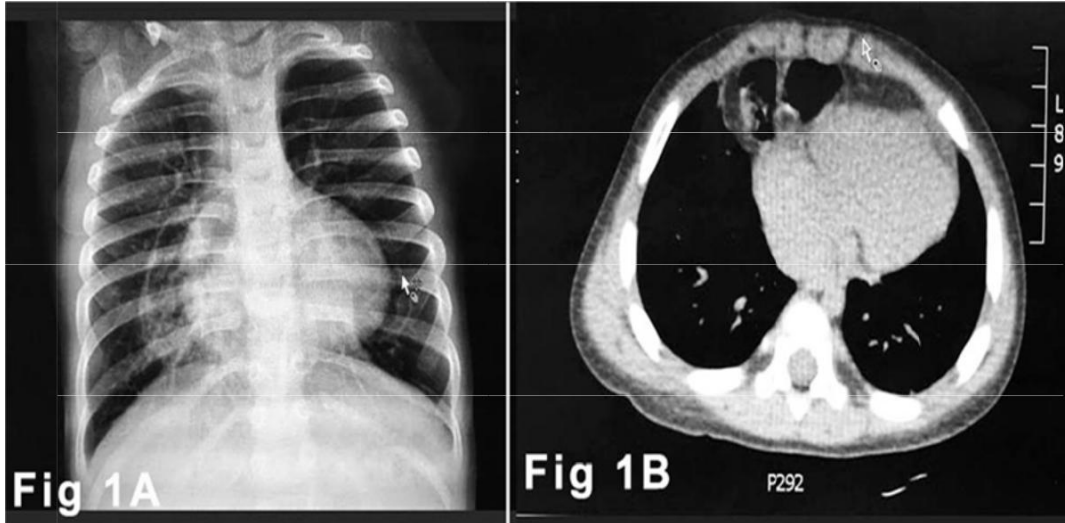
p RV/ LV: 50/95 mm Hg.

COURSE IN HOSPITAL: Uneventful.

INVESTIGATIONS PRIOR TO DISCHARGE: CXR: B/L lung fields clear, no pneumothorax, no effusion. **ECG:** SR, No any fresh changes. **ECHO:** No PE, no residual VSD, Mild PAH, RVOT gradient 34 mm Hg.

PRE-OPERATIVE IMAGING

Showing Morgagni's Hernia



Chest X-Ray

CT- CHEST

INTRA-OPERATIVE IMAGES

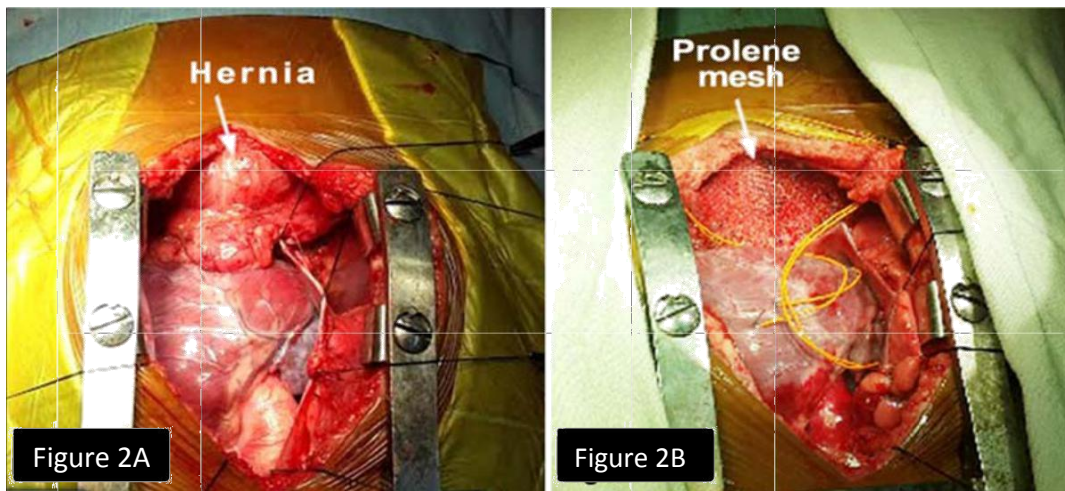


Figure 2: (A) Shows large Morgagni's hernia with colon as its content, (B) Morgagni's hernia repaired with prolene mesh without opening the sac.

CABG WITH EPICARDIAL BRONCHOGENIC CYST
MARSUPIALISATION

DIAGNOSIS: CAD, OLD MI, MILD LVD, TRIVAL MR, SR, EPICARDIAL CYST, DM, HTN, DLP

PROCEDURE: CABG X 5 GRAFTS (LIMA - LAD, RSVG - RI, MAJOR OM, RPDA, RPLB) + EPICARDIAL CYST MARSUPIALISATION + LV LINEAR PLICATION (ANTERIOR WALL) on 03.03.2014.

HISTORY: A 60 years old male, with h/o ACS and thrombolysis in October 2013 on evaluation found to have TVD. No H/o CVA/ orthopnea/ PND/ rest angina. Risk factors for CAD: DM (+)/ HTN (+) x 15 years/smoking (+) x 20 years.

PHYSICAL EXAMINATION: Conscious, oriented. No pallor/ icterus/ cyanosis/ clubbing/ pedal edema. PR: 88/min. BP: 118/84 mm Hg. CVS - S1 S2 normal, No murmur. RS - AEBE, clear. PA: No free fluid, no organomegaly. CNS - No neurological deficit. JVP: Not raised. Allen's test (-). Carotid bruit (-). PVD (-). Varicose vein (-).

INVESTIGATIONS: Blood group: A+, HBsAg: -ve, Hb: 13.1 g%, BUN: 18 mg%, Cr: 0.9 mg%.

CXR: No cardiac enlargement/ PVH, aortic knuckle prominent

ECG: SR, PR- 160 ms, QRS- 80 degrees, Poor R waves V1- V6.

ECHO: LV- 57/43, EF- 47%, LA/Ao- 47/29, Septum- 9/10, RWMA (+), LAD territory, Mild LV dysfunction, MR 1+.

CAG: LMCA - Normal. LAD – Proximal to middle 80% diffuse lesion, S1 has 50% ostial disease. LCx - Proximal OM has near total occlusion. RCA - Prominent, Mid RCA calcific diffuse 80% lesion, PDA - normal, Proximal PLB has 99% diffuse disease.

SURGICAL FINDINGS: Sternum normal. Cardiomegaly present. No PE. Aorta normal. Scarred LV anterior wall and inferior wall, apical epicardial cyst measuring 3 x 4 cm filled with cheesy material inside. LIMA harvested of good flow and caliber. Great saphenous vein harvested from left lower limb of good calibre and quality.

1. LIMA to LAD - 1.25 mm, Arteriotomy site plaquey, post grafting good distal flow.
2. RSVG to Major OM - 1.5 mm, Arteriotomy site plaquey, post grafting good distal flow
3. RSVG to RI - 1.5 mm, Arteriotomy site plaquey, post grafting good distal flow.
4. RSVG to RPDA - 1.5 mm, Arteriotomy site plaquey, Post grafting good distal flow.
5. RSVG to RPLB - 1.5 mm, Arteriotomy site plaquey, Post grafting good distal flow.

Post Op TEE: No new RWMA. Contractility improved.

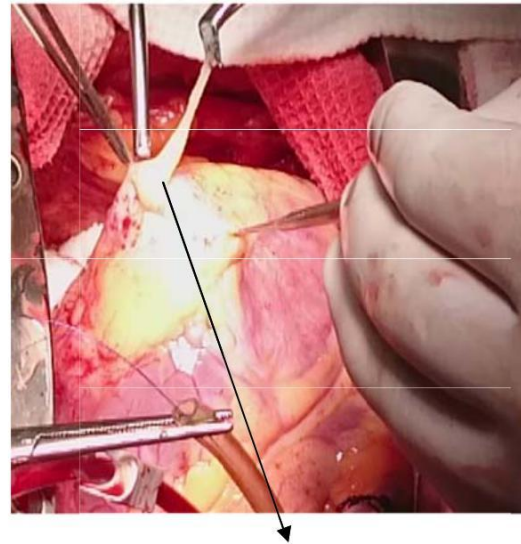
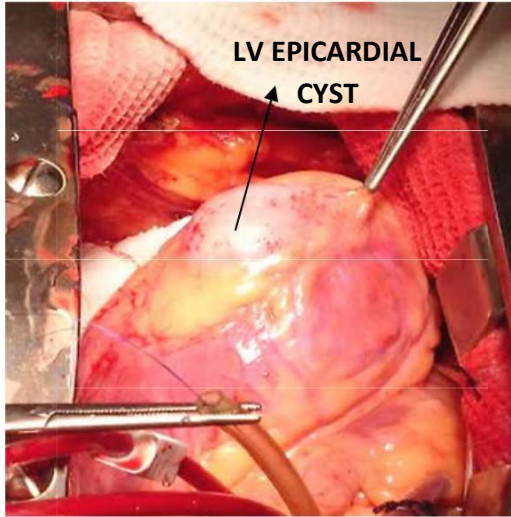
HPE of Cyst wall specimen: F/s/o **Bronchogenic cyst of the Epicardium**

COURSE IN HOSPITAL: Uneventful.

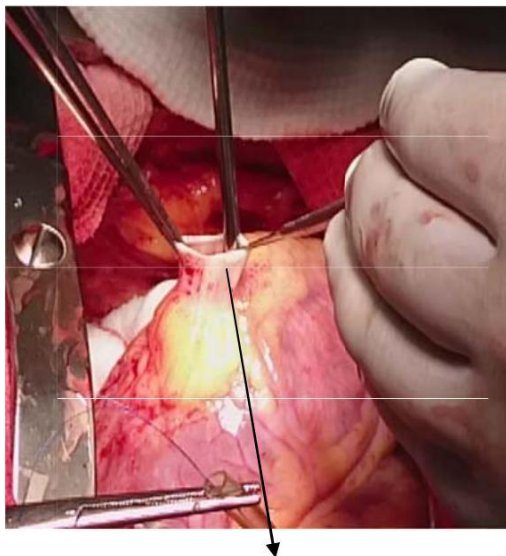
INVESTIGATIONS PRIOR TO DISCHARGE: Hb: 10.6 g%, BUN: 18 mg%, Cr: 1 mg %. **CXR:** No pneumothorax, collection. **ECG:** SR, no fresh changes.

INTRA-OPERATIVE IMAGE SHOWING THE EPICARDIAL

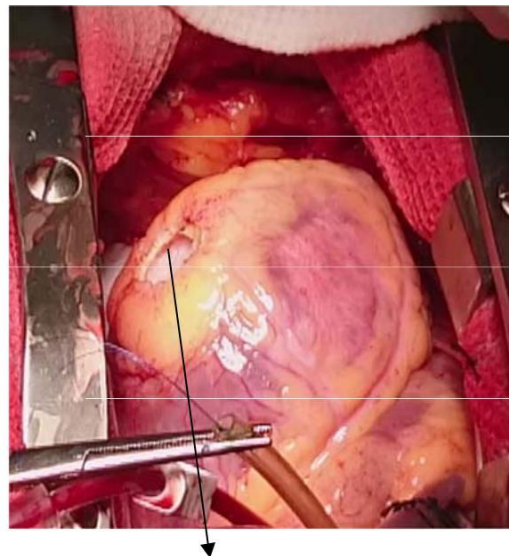
BRONCHOGENIC CYST



Cheesy material aspirated from cyst



Cyst wall opened up completely



Marsupialized Epicardial Cyst

**ARTERIAL SWITCH OPERATION PLUS DIAPHRAGMATIC
PLICATION**

DIAGNOSIS: SS, LC, DTGA, VSD, ASD, PDA, 1L 2RCX, PRESERVED LV, MODERATE TR, SR, DIAPHRAGM EVENTRATION

PROCEDURE: ASO + VSD CLOSURE + ASD MADE RESTRICTIVE + PDA INTERUPPTION + TV REPAIR + PLICATION OF EVENTRATION OF RIGHT DIAPHRAGM on 20/06/2014.

HISTORY: A 1 month old female child, 1st in birth order, born of NCM. Diagnosed to be CHD at birth, while evaluating for weak cry. No h/o recurrent RTI/ cyanosis/ spells/ CCF/ LOC/ seizures. Not immunized. No significant family history.

PHYSICAL EXAMINATION: JVP: not raised. No pallor/ clubbing/ icterus/ lymphadenopathy/ edema/ cyanosis. PR: 110 bpm. SpO₂- 76%. CVS - precordium. AI 4th ICS lateral to MCL. S1 S2 (+), parasternal 2/6 PSM (+). RS: B/L AEBE, clear. P/A: Soft, No organomegaly, BS (+). CNS - NAD.

INVESTIGATIONS: Blood group: A+, HBsAg: - ve, Hb - 17.1, BUN: 6 mg%, Cr: 0.4 mg%.

CXR: Normal STBS, cardiomegaly, Normal BVM, raised left diaphragm

ECG: SR, 110 bpm, QRS Axis 100, R/S V1- 7/8, V6- 4/7

ECHO: LV- 20/13, EF - 64%, LA/Ao - 11/10, Septum - 5/3.9, PW - 5.1/3.8, septal motion normal, RVID – 6 mm, Aortic valve annulus – 9 mm, PV annulus - 7.4 mm, MPA – 8 mm, RPA – 6 mm, LPA - 5.5 mm, TR 2-3+, SS, LC, normal systemic and pulmonary venous drainage, AV concordance, VA discordance, 4.8 mm OS ASD, 4.3 mm PM VSD, IVG < 10 mm Hg, Aortic Right and anterior to PA, Good confluent PA anatomy, coronaries: 1L 2RCx, Left arch.

CARDIAC CT: Right Diaphragmatic eventration +, DTGA with ASD + VSD + MS.

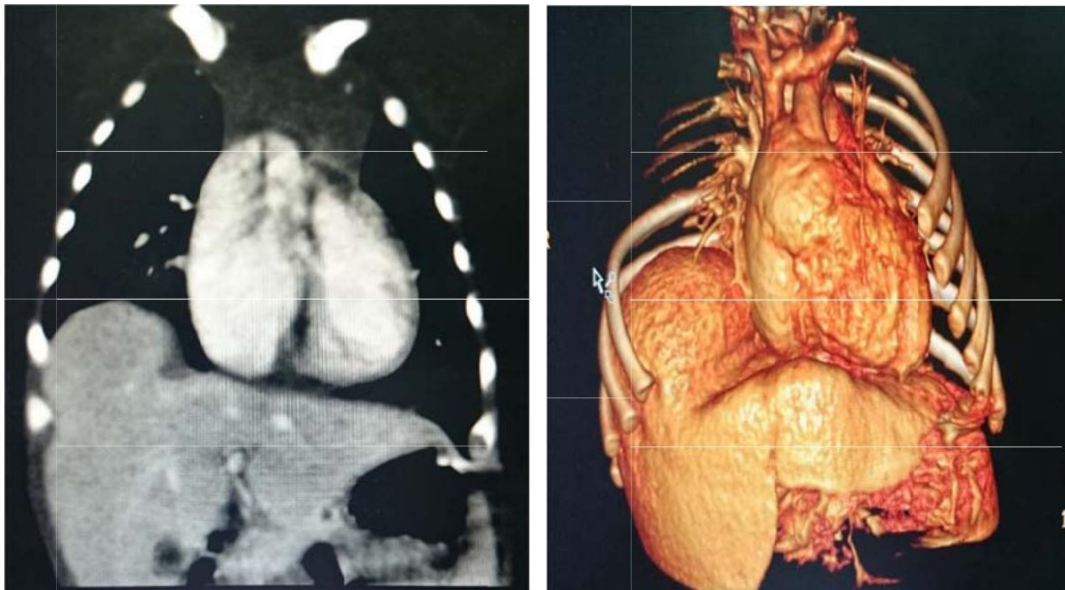
SURGICAL FINDINGS: Sternum normal, mediastinum normal. SS, LC. Atrio-ventricular concordance, Ventriculo-arterial discordance. Aorta anterior and to right & PA posterior and to the left. M PA dilated. RPA and LPA of adequate size. Normal pulmonary venous drainage. Coronaries: 1LCx 2R. LAD and Left Circumflex originating from 2 separate ostia from same sinus. Wide Muscular PDA approximately 6 mm. Left arch. No COA. Preserved LV, hypertrophic RV, ASD present, D C VSD (7x 5 mm), Pericardium not closed. Right pleura opened. Eventration of right diaphragm.

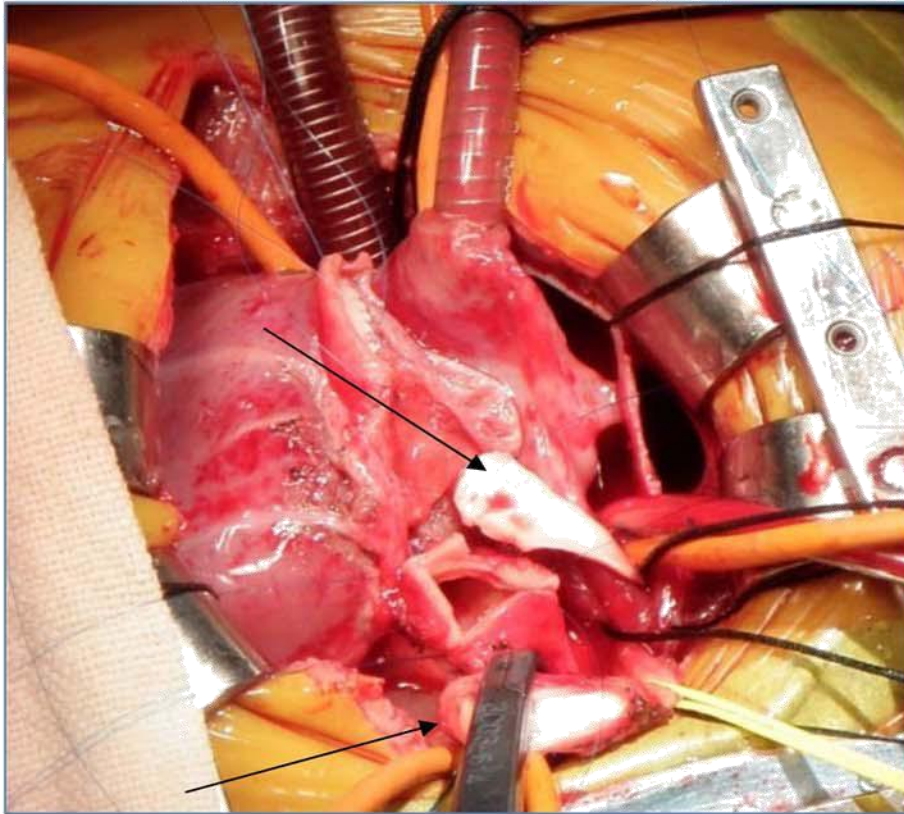
COURSE IN HOSPITAL: Uneventful

INVESTIGATIONS PRIOR TO DISCHARGE: CXR: CTR 56%, B/L lung fields clear, no pneumothorax, no effusion. **ECG:** SR, no fresh changes. **ECHO:** No PE, good LV /RV function, no neo aortic obstruction.

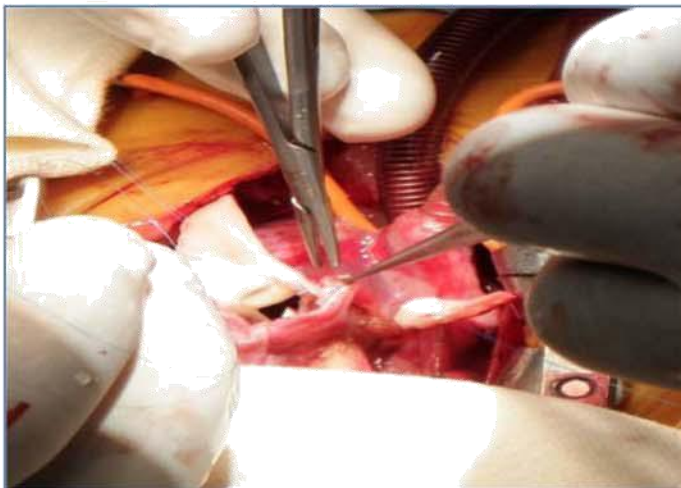
CT – CHEST AND ABDOMEN

Showing Right Diaphragmatic eventration

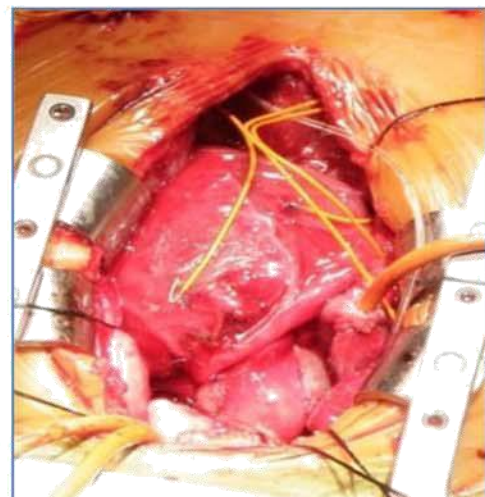




HARVESTED CORONARY BUTTONS



CORONARY BUTTON ANASTOMOSIS



COMPLETED ASO

CASES PERFORMED

CASES PERFORMED

S. NO	H. NO	NAME	AGE	SEX	DOP	POSTOP_DIAG	PROC_EXECUTED	SURGEON
1	████	████	3	F	15/04/2013	ACHD, OS ASD, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
2	████	████	8	F	16/04/2013	ACHD, OS ASD, P/ PDA DC, P/ FAILED ASD DC, DOWNS SYNDROME	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
3	████	████	20	M	07/05/2013	S/P ASD CLOSURE (2004), STERNAL WOUND SINUS	STERNAL WIRE REMOVAL + SINUS TRACT EXCISION	DR. ASHOK KUMAR C J
4	████	████	0	M	31/05/2013	CCHD, D-TGA, IVS, ASD, P/ ASO + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. ASHOK KUMAR C J
5	████	████	35	M	30/07/2013	ACHD, OS ASD, MOD PAH, GD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR. ASHOK KUMAR C J
6	████	████	27	M	02/08/2013	ACHD, OS ASD, GOOD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR. ASHOK KUMAR C J
7	████	████	1	F	06/03/2014	ACHD, SA VSD, SEV PAH, SR, NC	GP CLOSURE OF VSD + PFO LEFT OPEN	DR. ASHOK KUMAR C J
8	████	████	1	M	13/05/2014	ACHD, SP VSD, TRIVIAL AR, MOD PAH, SR	GP CLOSURE OF VSD	DR. ASHOK KUMAR C J
9	████	████	3	M	16/04/2014	ACHD, POSTERIOR ASD, GD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
10	████	████	4	F	19/05/2014	ACHD, OS ASD, GD LV, SR	DIRECT CLOSURE OF ASD	DR. ASHOK KUMAR C J
11	████	████	18	F	10/06/2014	SP/ICR FOR TOF WITH SSI(MRSA+)	DEBRIDEMENT AND RESUTURING OF STERNOTOMY WOUND	DR. ASHOK KUMAR C J
12	████	████	36	F	07/08/2014	RHD SEV MS, SEV MR, MOD PAH, MOD PAH, GD LV, AF.	MVR # 33 SJM + PMLP + TVA# 32 MC3 RING	DR. ASHOK KUMAR C J
13	████	████	10	M	03/09/2014	ACHD, OS ASD, MILD PS, SR	TPP CLOSURE OF OS ASD+ PV INSPECTION	DR. ASHOK KUMAR C J
14	████	████	4	M	25/09/2014	ACHD, SP VSD, RCC PROLAPSE, MILD AR, SR	DIRECT CLOSURE OF SP VSD	DR. ASHOK KUMAR C J

CASES ASSISTED

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
1	████	██████████	58	M	02/01/2012	CCHD, CAD, TVD, RECENT ACS, GOOD LV FUNCTION, SR	CABG X 5 GRAFTS [LIMA TO LAD, RSVG TO D1, OM1, TERMINAL OM AND RPDA]	DR. JAYAKUMAR K
2	████	██████████	27	M	04/01/2012	RHD, SEVERE AR, GOOD LV FUNCTION, SR	AVR # 20 BICARBON VALVE PROSTHESIS	DR. VIVEK V. PILLAI
3	████	██████████	53	M	04/01/2012	CAD, DVD, GOOD LV FUNCTION, SR, DM, PSORIASIS	OPCAB X 2 GRAFTS [LIMA TO LAD, RSVG TO DISTAL RCA]	DR. JAYAKUMAR K
4	████	██████████	73	M	13/01/2012	CAD, LMCA, TVD, RHD, P/PTMC, SEV MS, MOD MR, MOD TR, SEV PAH, AF, DM, HTN.	CABG X 2 GRAFTS (RSVG TO LAD, MAJOR DIAGONAL) + MVR (#27 SJM)	DR. JAYAKUMAR K
5	████	██████████	43	M	13/01/2012	RHD,P/PTMC AML TEAR,SEV MR,SEV PAH,GD LV,AF,NC	MVR # 31 SJM + PMLP	DR. VARGHESE T.PANICKER
6	████	██████████	77	M	17/01/2012	CAD,LMCA,TVD,RECENT ASMI,MILD LV DYSFN,SR,HTN	CABG X 5 GRAFTS (RSVG TO LAD,RI,OM1,OM2,RPDA)	DR. JAYAKUMAR K
7	████	██████████	57	M	17/01/2012	CAD,TVD,GOOD LV,SR,HTN	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, DISTAL MAJOR OM, DISTAL RPDA)	DR. JAYAKUMAR K
8	████	██████████	64	M	24/01/2012	CAD,TVD,GOOD LV,SR,DM,HTN	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO D1, LOWER BRANCH OF RI)	DR. PRAVEEN VARMA P.K.
9	████	██████████	58	M	14/02/2012	CAD,TVD,GOOD LV,SR,DM,HTN,DLP	CABG X 4 GRAFTS (RSVG TO LAD X 2,RPDA,MAJ.OM)	DR. PRAVEEN VARMA
10	████	██████████	51	F	24/02/2012	CAD,TVD,GOOD LV,SR,HTN,DLP,HYPOTHYROIDISM	CABG X 4 GRAFTS (LIMA-TO-LAD, RSVG-TO-OM1, TERM. OM, RPDA)	DR. PRAVEEN VARMA
11	████	██████████	59	M	27/02/2012	CAD, TVD, SEV LV DYSFUNC.MILD MR, SR, DM, HTN.	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, TERMINAL OM, PDA)	DR. JAYAKUMAR K
12	████	██████████	63	M	28/02/2012	CAD,TVD,GOOD LV,SR,HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1,OM1,OM3,PRE-CRUX RCA)	DR. JAYAKUMAR K
13	████	██████████	0	F	22/03/2012	CCHD, SC-TAPV, STRETCHED OPEN PFO, LARGE PDA, SEV. PAH, RV DYSFUNCTION, SR	TAPVC CORRECTION + PDA LIGATION + PFO MADE RESTRICTIVE	DR. BAIJU S.DHARAN
14	████	██████████	0	F	23/03/2012	CCHD, SC TAPVC, SEVERE PAH, S/P TAPVC CORRECTION, OPEN STERNUM	DELAYED STERNAL CLOSURE	DR.THOMAS MATHEW
15	████	██████████	10	F	23/03/2012	CCHD,TOF,LARGE SA VSD,SEVERE INFUNDIBULAR	ICR (GP CLOSURE OF VSD + INFUNDIBULAR RESECTION + PULMONARY VALVOTOMY)	DR.THOMAS MATHEW

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
						PS,GOOD PA, SR		
16	████	██████████	11	M	10/04/2012	ACHD, OS ASD, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR.BINEESH K.R.
17	████	██████	58	F	17/05/2012	RHD,SEVERE MS,MILD MR/AR,SMALL SA VSD,GOOD LV, MILD PAH, SR,NC	TRANS-PA DIRECT CLOSURE OF SP VSD + TRANS SEPTAL MVR # 25 SJM	DR. VARGHESE T.PANICKER
18	████	██████████	64	M	17/05/2012	CAD,LMCA, TVD, RECENT IWMI, MILD LV DYSFUNCTION, SR, DM	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, OM1, OM4, RPDA)	DR. JAYAKUMAR K
19	████	██████████	60	M	21/05/2012	BAV, SEVERE CALCIFIC AS,CAD,TVD,GOOD LV,P/ PTCA TO PDA,POBA TO PROX PLB,SR,DM	AVR # 19 PM - MAGNA + CABG X 2 GRAFTS (RSVG TO D1 AND RPLB)	DR. JAYAKUMAR K
20	████	██████████	50	F	22/05/2012	RHD,S/P PTMC ('99),CAL MS,SEV MS,GD LV,SR	MVR # 25 CHVP	DR.DHAIRYASHEE L.B. KANASE
21	████	██████████	46	F	23/05/2012	RHD, SEV MS, SEV AS, MOD AR, MILD MR, MILD PAH, GD LV, SR, NC	DVR (MVR # 23 CHVP AND AVR # 17 CHVP)	DR. VARGHESE T.PANICKER
22	████	██████████ ██████████	60	F	05/06/2012	RHD,SEVAS,MOD AR,MOD MS&MR,MOD PAH,NC,SR,S/PCMV,P/BMV,HTN	DVR (AVR # 17 SJR + MVR # 23 SJM)	DR. PRAVEEN VARMA P.K.
23	████	██████████	29	M	08/06/2012	S/P AVR # 21 CHVP (03), SEV PARAVALVULAR AR, MOD MR, MILD PAH, DILATED LV, MILD LV DYSF, SR	REDO-AVR (# 25 CHVP) + MV RING ANNULOPLASTY (# 32 CE CLASSIC RING)	DR. PRAVEEN VARMA P.K.
24	████	██████████	44	F	12/06/2012	MVP OF PML,SEV MR,MOD PAH,SR,GDLV,NC	MV REPAIR (QUADRANGULAR RESECTION + # 31 SJ TAILOR RING ANNULOPLASTY)	DR. PRAVEEN VARMA P.K.
25	████	██████████	60	M	22/06/2012	RHD, S/P CMV(82,96), SEVERE RE-MS, MILD AR, MILD TR, MODERATE PAH, AF, NC	MVR # 27 SJM + PMLP	DR. PRAVEEN VARMA P.K.
26	████	██████████	39	M	22/06/2012	RHD, S/P CMV(97), SEVERE RE-MS, MODERATE MR, MILD TR, MILD PAH, GOOD LV, AF, DM	MVR # 27 SJM + PML PESERVATION	DR. PRAVEEN VARMA P.K.
27	████	██████████	52	M	25/06/2012	SEV CAL AS, GD LV, SR, NC	AVR # 21 SJM	DR. VARGHESE T.PANICKER

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
28	████	██████████	58	M	25/06/2012	SEV CAL AS, MOD AR, GD LV, SR, NC	AVR # 23 SJM	DR. VARGHESE T.PANICKER
29	████	██████████	49	M	19/07/2012	CAD, LMCA+TVD, SEV AR, MOD LVD, MOD PAH, SR, DM, DLP	CABG X 4 GRAFTS (LIMA-LAD, RSVG - D1, OM1, RPDA) + AVR # 23 CHVP	DR. PRAVEEN VARMA P.K.
30	████	██████████	52	F	24/07/2012	SEV CALCIFIC AS, MOD AR, GOOD LV, SR, CAD, SVD	AVR # 19 CHVP + CABG X 1 GRAFT (RSVG TO 1ST RPDA)	DR. VIVEK V. PILLAI
31	████	██████	41	M	24/07/2012	CAD, TVD, GOOD LV, SR, DM, HTN,	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, OM2, RPDA)	DR. JAYAKUMAR K
32	████	██████████	10	M	03/08/2012	ACHD, OS ASD, MILD PS, MILD PAH, GOOD LV, SR	TPP CLOSURE OF OS ASD + PULMONARY VALVE INSPECTION	DR. VIVEK V. PILLAI
33	████	██████████	20	F	07/08/2012	ACHD, OS ASD, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. BINEESH K.R.
34	████	██████████	58	M	07/08/2012	CAD, TVD, GOOD LV, SR, DM, HTN, DLP, B/L VV	CABG X G GRAFTS (LIMA - LAD, RSVG - MAJ. DIAG, MAJ. OM, RPDA, RPLB)	DR. PRAVEEN VARMA P.K.
35	████	██████████	38	M	09/08/2012	RHD, SEV MR, MOD MS, MILD AS, MILD AR, MOD PAH, GOOD LV, SR	MVR # 29 SJM + PARTIAL PMLP	DR. VARGHESE T.PANICKER
36	████	██████████	55	M	09/08/2012	CAD, TVD, GOOD LV, SR, DM, HTN	RCA ENDARTERECTOMY + CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAG., MAJOR OM, TERMINAL OM, PRE-CRUX RCA)	DR. JAYAKUMAR K
37	████	██████████	59	M	10/08/2012	MVP OF PML (P2 SEGMENT), SEV MR, MOD TR, MILD PAH, MOD LV DYSFN, AF, NC	MV REPAIR (TRIANGULAR RESECTION OF P2 SEGMENT + # 35 SJ TAILOR RING ANNULOPLASTY) + LAEE	DR. PRAVEEN VARMA P.K.
38	████	██████████	31	F	10/08/2012	ACHD, SVASD, PAPVC OF RUPV, GD LV, MILD PAH, SR	DOUBLE PATCH CLOSURE	DR. MOHAMED SHAFIU
39	████	██████████	61	M	13/08/2012	CAD, TVD, MOD AR, MILD TO MOD MR, MOD LVD, SR, B/L POVD	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO LPDA, MAJOR OM)	DR. PRAVEEN VARMA P.K.
40	████	██████████	51	M	24/08/2012	CAD, TVD, RECENT ACS, GOOD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJ. DIAG, OM1, OM2, ACUTE MARGINAL PDA)	DR. JAYAKUMAR K
41	████	██████████	0	M	23/09/2012	P/TAPVC REROUTING AND PA BANDING, STENTED STERNUM	PA BAND TIGHTENING TO 24 MM + DELAYED STERNAL CLOSURE	SABARINATH MENON (DR.)
42	████	██████████	3	F	08/10/2012	PMVSD, MOD TO SEV AR, MILD PAH, GD LV	GORETEX PATCH CLOSURE OF PM-VSD + INFUNDIBULAR RESECTION + AV REPAIR (NCC PLICATION + NCC COMMISSUROPLASTY)	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
43	██████	██████	6	M	01/11/2012	ACHD, OS ASD, SR	DIRECT CLOSURE OF OS ASD	DR. SABARINATH MENON
44	██████	██████	1	F	03/11/2012	D-TGA,IVS,ASD,PDA,P/ ASO + STERNUM OPEN	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
45	██████	██████	4	M	05/11/2012	SV ASD (SVC TYPE), PAPVC OF RUPV, GOOD LV, SR	TPP CLOSURE OF SV ASD + PAPVC REROUTING (DOUBLE PATCH TECHNIQUE) + DC OF PFO	DR. THOMAS MATHEW
46	██████	██████	59	F	03/12/2012	CAD, MILD LMCA, DVD, IWMI, GD LV, SR, HTN, HYPOTHYROID, PARKINSON' DISEASE	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, RPDA)	DR. JAYAKUMAR K
47	██████	██████	50	M	05/12/2012	RHD, SEV MS, MOD PAH, MILD LVD, AF, NC	MVR # 27 SJM + PMLP	DR. PRAVEEN VARMA P.K.
48	██████	██████	46	M	05/12/2012	CAD,TVD,OLD/ IWMI,UA,GD LV,SR,HTN,SMOKER,HBSAG+IV E	CABG X 4,LIMA TO LAD,RSVG TO MAJ DIAG,MAJ OM,LPDA	DR. VIVEK V. PILLAI
49	██████	██████	43	M	14/12/2012	CAD, TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO OM2, DIAGONAL, RI, RPDA)	DR. JAYAKUMAR K
50	██████	██████	77	M	16/12/2012	CAD, AIWMI, LMCA+TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO RPDA, MAJOR OM, TERMINAL OM, D2 AND D3)	DR. JAYAKUMAR K
51	██████	██████	61	M	17/12/2012	CAD, TVD, GOOD LV, SR, DM, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO RPDA, MAJOR OM AND D1)	DR. JAYAKUMAR K
52	██████	██████	72	M	19/12/2012	CAD, DVD, GOOD LV, SR, DM, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM1, OM2 AND TERMINAL OM)	DR. JAYAKUMAR K
53	██████	██████	52	M	20/12/2012	SEV CALC AS, MILD AR, CAD-SVD, GOOD LV, SR, BRONCHIAL ASTHMA	AVR # 21 SJR + CABG X 1 GRAFT (RSVG TO MAJOR DIAGONAL)	DR. PRAVEEN VARMA P.K.
54	██████	██████	58	F	04/01/2013	CAD, LMCA + TVD, RECENT MI, TRIVIAL MR/AR, MILD LVD, SR, DM, HTN, DLP, DIABETIC NEPHROPATHY	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D2, MAJOR OM, RI, RPDA, RPLB)	DR. JAYAKUMAR K
55	██████	██████	55	M	04/01/2013	SEV CAL AS, MOD AR, GD LV, NC, SR	AVR # 21 CHVP	DR. VARGHESE T.PANICKER
56	██████	██████	58	M	07/01/2013	CAD, TVD, MILD LVD, MILD-MOD MR, SR, HTN	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO OM2, RPDA)	DR. JAYAKUMAR K

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57			52	F	07/01/2013	RHD, SEV MR, MOD MS, MOD PAH, SR, NC	MVR # 29 CHVP + PMLP	DR. VIVEK V. PILLAI
58			46	F	09/01/2013	RHD, SEV MR, MOD MS, MILD PAH, AF, NC	MVR # 25 SJM + PMLP	DR. VARGHESE T.PANICKER
59			61	M	09/01/2013	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D2, OM1, OM2 AND ACUTE MARGINAL)	DR. JAYAKUMAR K
60			69	M	01/02/2013	BAV, SEV CAL AS, MILD AR, LV DIAS DYSF, SR, NC	AVR # 19 PM MAGNA	DR. VARGHESE T.PANICKER
61			59	M	01/02/2013	CAD, MILD LMCA, TVD, GD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJ. OM, OM1, D1 AND RPDA)	DR. JAYAKUMAR K
62			62	F	13/02/2013	CKD (DIABETIC NEPHROPATHY)	LEFT BRACHIO-CEPHALIC AV FISTULA CREATION	DR. SIDHARTH VISWANATHAN
63			68	M	19/02/2013	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO INF. BRANCH OF MAJOR DIAG., OM1, RPDA, RPLB)	DR. JAYAKUMAR K
64			57	M	20/02/2013	CAD, 2VD, GD LV, SR, DM, HTN, DLP	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO D1 AND OM2)	DR. JAYAKUMAR K
65			36	M	20/02/2013	RHD, SEV AS, MOD AR, MOD MS, MILD MR, MILD PAH, GD LV, SR	DVR (MVR # 25 SJM, AVR # 19 SJM) (SUPERIOR-SEPTAL APPROACH)	DR. VARGHESE T.PANICKER
66			60	M	22/02/2013	CAD, TVD, SEV LVD, MOD-SEV MR, SEV PAH, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO OM1, TERMINAL OM, MAJOR DIAGONAL, RPDA) + LV APCIAL PLICATION + MV REPAIR WITH # 28 SADDLE RING ANNULOPLASTY	DR. JAYAKUMAR K
67			75	M	22/02/2013	SEV CAL AS, CAD, TVD, GDLV, SR, HTN, DLP	AVR # 21 PM + CABG X 4 GRAFTS (RSVG TO LAD, RI, OM1 AND ACUTE MARGINAL) (OM1 GRAFT PIGGYBACKED TO RI GRAFT)	DR. JAYAKUMAR K
68			45	M	25/02/2013	RHD, SEV CAL AS, MILD AR, MILD MR, MOD PAH, SEV LVD, SR, NC, DM	AVR # 23 SJM	DR. VARGHESE T.PANICKER
69			55	M	27/02/2013	CAD, TVD, GD LV, SR, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO OM2, OM3, RPDA)	DR. JAYAKUMAR K
70			64	F	27/02/2013	SEV RE MS, S/P CMV('80/'92), MILD MR, MOD TR, MOD PAH, MILD CAD, AF	MVR # 23 SJM + PMLP	DR. VIVEK V. PILLAI
71			47	M	01/03/2013	BAV, SEV CAL AS, MOD AR, SEV LVD, SR, CAD, TVD, DM, HTN	AVR # 21 CHVP + CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, D2 AND RPDA)	DR. VIVEK V. PILLAI

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
72	██████	SATHEESHKUMA ██████	47	M	02/03/2013	S/P AVR # 21 SJM + CABG X 4 GRAFTS WITH MEDIASTINAL BLEED	RE-EXPLORATION AND HEMOSTASIS	DR. VIVEK V. PILLAI
73	██████	██████████	2	F	04/03/2013	ACHD, PM VSD, MODERATE PAH, SR, DOWN'S SYNDROME	TANNED PERICARDIAL PATCH CLOSURE OF PM VSD	DR. THOMAS MATHEW
74	██████	██████████	3	M	06/03/2013	TOF, CONF.PA, GOOD LV, PFO, SR, H/O RECURRENT SPELLS	ICR (PTFE PATCH CLOSURE OF VSD + TAP + PTFE MONOCUSP RECONSTRUCTION OF RVOT)	DR. SABARINATH MENON
75	██████	██████████ ██████████	3	M	07/03/2013	ACHD, MUSCULAR VSD, MILD PAH, PFO, GOOD LV, SR	MINISTERNOTOMY + PTFE CLOSURE OF VSD + DIRECT CLOSURE OF PFO	DR. THOMAS MATHEW
76	██████	██████████	3	F	08/03/2013	ACHD, SP VSD, MILD PS, MOD PAH, GOOD LV, SR	GORETEX PATCH CLOSURE OF SP VSD + INFUNDIBULAR RESECTION (TRANS PA)	DR. THOMAS MATHEW
77	██████	██████████	19	M	11/03/2013	CCHD, TOF, CONFL PA, RPA ORIGIN STENOSIS, MULTIPLE MAPCAS, OS ASD, GOOD LV, SR	UNIFOCALIZATION OF MAPCA + RPA PLASTY + ICR (TRANS RA-PA) + MONOCUSP RECONSTRUCTION OF RVOT (PTFE)+ TAP (BOVINE PERICARDIAL PATCH AND AUTOLOGOUS PERICARDIAL PATCH)	DR. BAIJU S.DHARAN
78	██████	██████████	1	M	12/03/2013	CCHD, OBSTRUCTED SC TAPVC, SEV PAH, ASD, SR	PRIMARY SUTURELESS REPAIR OF TAPVC (LATERAL APPROACH) + PFO MADE RESTRICTIVE	DR. BAIJU S.DHARAN
79	██████	██████████	1	M	13/03/2013	CCHD, OBSTRUCTED SC TAPVS, SEV PAH, S/P SUTURELESS REPAIR OF TAPVC + STERNUM KEPT STENTED	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
80	██████	██████████	1	M	13/03/2013	ACHD, OS ASD, MULTIPLE MUSCULAR VSD', B/L SVC, SR	DIRECT CLOSURE OF MUTLIPLE MUSCULAR VSD' + TANNED PERICARDIAL PATCH CLOSURE OF LARGE ASD + RV APICAL EXCLUSION WITH BOVINE PERICARDIAL PATCH	DR. BAIJU S.DHARAN
81	██████	██████████ ██████████	13	M	18/03/2013	ACHD, POSTERIOR ASD, MILD PAH, PFO, SR	TPP CLOSURE OF ASD + DIRECT CLOSURE OF PFO	DR. SABARINATH MENON
82	██████	██████████	0	M	19/03/2013	CCHD, OBSTRUCTED INFRACARDIAC TAPVC, ASD, PDA, SR	PRIMARY SUTURELESS REPAIR OF IC-TAPVC WITH BOVINE PERICARDIAL PATCH AUGMENTATION + PFO MADE RESTRICTIVE	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
83	██████	██████████	3	M	20/03/2013	CCHD, TOF, SEV INFUNDIBULAR PS, PFO, CONAL BRANCH CROSSING RVOT, SR	TRANS- RA ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULARRESECTION + DIRECT CLOSURE OF PFO)	DR. SABARINATH MENON
84	██████	██████████	0	M	21/03/2013	OBSTRUCTED IC-TAPVC, S/P TAPVC REPAIR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. SABARINATH MENON
85	██████	██████████	1	F	22/03/2013	CCHD, PA, SA VSD, CONFL PA, PDA DEP CIRCLN, SR	ICR (GP CLOSURE OF SA VSD + PTFE MONOCUSP RECONSTRUCTION OF RVOT + TAP (WITH BPP) + PFO LEFT OPEN	DR. THOMAS MATHEW
86	██████	██████████	5	F	25/03/2013	ACHD, SVASD, PAPVC OF RUPV, PFO, SR	WARDEN'S PROCEDURE	DR. SABARINATH MENON
87	██████	██████████	0	F	31/03/2013	CCHD, D-TGA, MULTIPLE VSD, SEV PS, ASD, S/P BAS, SR, NC	RMBTS WITH # 3.5 MM PTFE TUBE GRAFT + ATRIAL SEPTECTOMY	DR. BAIJU S.DHARAN
88	██████	██████████	1	M	01/04/2013	ACHD, PM VSD, MODERATE PAH, SR	GORETEX PATCH CLOSURE OF VSD	DR. THOMAS MATHEW
89	██████	██████████	0	M	01/04/2013			DR. THOMAS MATHEW
90	██████	██████████	0	M	02/04/2013	CCHD, OBSTRUCTED IC-TAPVC, SEV PAH, S/P TAPVC REPAIR WITH STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. BAIJU S.DHARAN
91	██████	██████████	3	F	02/04/2013	S/P GP CLOSURE OF VSD, PE	SUB-XIPHOID DRAINAGE OF PERICARDIAL EFFUSION	DR. BAIJU S.DHARAN
92	██████	██████████	7	M	03/04/2013	ACUTE PYOGENIC PERICARDITIS WITH CARDIAC TAMPONADE, P/ PERICARDIOCENTESIS	PARTIAL PERICARDIECTOMY	DR. THOMAS MATHEW
93	██████	██████████	7	F	03/04/2013	ACHD, LARGE PDA, SEV PAH, SR, CONGENITAL RUBELLA SYNDROME, S/P FAILED PDA DEVICE CLOSURE WITH DEVICE MIGRATION INTO LPA	PDA INTERRUPTION + PDA DEVICE RETRIEVAL	DR. BAIJU S.DHARAN
94	██████	██████████	27	F	04/04/2013	ACHD, PAVCD, MILD MR, MILD PAH, GOOD LV, SR	PAVCD REPAIR + CLEFT AML REPAIR	DR. SABARINATH MENON
95	██████	██████████	5	F	08/04/2013	ACHD, PAVCD, MOD MR, B/L SVC, GOOD LV, SR	PAVCD REPAIR + CLEFT AML REPAIR + POSTERIOR COMMISSUROPLASTY	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
96	████	████	1	M	13/04/2013	P/ TAPVC REPAIR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. SABARINATH MENON
97	████	████	1	M	15/04/2013	ACHD, SA VSD, PFO, PDA, SEV PAH, SR, DOWN'S SYNDROME	DACRON PATCH CLOSURE OF SA VSD + PDA LIGATION + PFO LEFT OPEN	DR. THOMAS MATHEW
98	████	████	3	F	15/04/2013	ACHD, OS ASD, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
99	████	████	8	F	16/04/2013	ACHD, OS ASD, P/ PDA DC, P/ FAILED ASD DC, DOWNS SYNDROME	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
100	████	████	6	F	17/04/2013	ACHD, OS ASD, MILD PAH, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. THOMAS MATHEW
101	████	████	1	M	17/04/2013	S/P CAVCD REPAIR WITH STENTED STERNUM FOR CAVCD, OSASD, SEV PAH	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
102	████	████	19	M	23/04/2013	S/P UNIFOCALIZATION + ICR	PE DRAINAGE	DR. THOMAS MATHEW
103	████	████	14	M	23/04/2013	PA, SA VSD, P/ BTS (2001), P/ BDG (2003), P/ MAPCA COILING (2010)	ICR (GP CLOSURE OF SA VSD + INFUNDIBULAR RESECTION) WITH # 25 PULMONARY HOMOGRAFT + BDG TAKEDOWN + PFO LEFT OPEN	DR. BAIJU S.DHARAN
104	████	████	4	M	25/04/2013	CCHD, TOF, CONFLUENT PA, SR, NC	TRANS RA-PA ICR (GORETEX PATCH CLOSURE OF MALALIGNED VSD + INFUNDIBULAR RESECTION + MPA AUGMENTATION WITH BPP)	DR. SABARINATH MENON
105	████	████	0	F	26/04/2013	S/P ASO +BPP CLOSURE OF PM VSD + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
106	████	████	1	M	26/04/2013	S/P CAVCD REPAIR	PA LINE REMOVAL	DR. THOMAS MATHEW
107	████	████	2	F	29/04/2013	ACHD, SA VSD, PFO, B/L SVC, SR	GORETEX PATCH CLOSURE OF VSD + DIRECT CLOSURE OF PFO	DR. THOMAS MATHEW
108	████	████	2	M	30/04/2013	ACHD, PM VSD, SEV PAH, SR	DIRECT CLOSURE OF VSD	DR. SABARINATH MENON
109	████	████	2	M	03/05/2013	P/ VSD CLOSURE WITH INCISIONAL HERNIA AND PERICARDIAL EFFUSION	PE DRAINAGE (SUB-XIPHOID) + INCISIONAL HERNIA REPAIR	DR. SABARINATH MENON

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
110	████	██████████	0	M	05/05/2013	CONGENITAL COMPLETE HEART BLOCK, MILD LVD, FAIR RV	EPICARDIAL PPI (MEDTRONIC VVIR)	DR. SABARINATH MENON
111	████	██████████	3	F	06/05/2013	OS ASD, GOOD LV, SR	TANNED PERICARDIAL PATCH CLOSURE VIA MINISTERNOTOMY	DR. THOMAS MATHEW
112	████	██████████	20	M	07/05/2013	S/P ASD CLOSURE (2004), STERNAL WOUND SINUS	STERNAL WIRE REMOVAL + SINUS TRACT EXCISION	DR. ASHOK KUMAR C J
113	████	██████████	1	F	07/05/2013	S/P CAVCD REPAIR	PA LINE REMOVAL	DR. ASHOK KUMAR C J
114	████	██████████	3	M	09/05/2013	PAPVC OF LUPV, SR	PAPVC REROUTING (VERTICAL VEIN TO LA ANASTAMOSIS)	DR. THOMAS MATHEW
115	████	██████████	2	F	09/05/2013	SA VSD, MULTIPLE ADDITIONAL MUSCULAR VSD, PFO, SEV PAH, SR	BOVINE PERICARDIAL PATCH CLOSURE OF SA VSD + DIRECT CLOSURE OF 2 ADDITIONAL MID MUSCULAR VSD'+ DIRECT CLOSURE OF PFO	DR. BAIJU S.DHARAN
116	████	██████████	1	F	10/05/2013	CCHD, D-TGA, MULTIPLE MUSCULAR VSD, OS ASD, REGRESSED LV, 1LCX2R, JUXTACOMMISSURAL LAD, SR	ASO + VSD CLOSURE (DIRECT CLOSURE) + BPP CLOSURE OF ASD + LIMA TO LAD ANASTOMOSIS + REPAIR OF RV TEAR (WITH PLEDGETED SUTURES)	DR. BAIJU S.DHARAN
117	████	██████████	1	F	13/05/2013	SA VSD, PFO, PDA, SEV PAH, SR	TANNED PERICARDIAL PATCH CLOSURE OF VSD + DIRECT CLOSURE OF PFO + PDA LIGATION	DR. THOMAS MATHEW
118	████	██████████	1	F	14/05/2013	CCHD, DTGA, LARGE SP VSD, SEV SUB VALVULAR PS, PFO, SR	BDGS + ATRIAL SEPTECTOMY	DR. THOMAS MATHEW
119	████	██████████	1	M	14/05/2013	CCHD, TA (TYPE IB), SEV PS, MUSC. VSD, ASD, PDA, B/L SVC, BOVINE ARCH, H/O SPELLS	BDGS (EMERGENCY)	DR. BAIJU S.DHARAN
120	████	██████████	2	F	15/05/2013	P/ VSD CLOSURE	PA LINE REMOVAL	DR. SABARINATH MENON
121	████	██████████	18	F	15/05/2013	CCHD, TA (TYPE I B), VSD, PS, S/P BDG + ATRIAL SEPTECTOMY + LSVC LIGATION (2010), SR	EXTRACARDIAC FENESTRATED FONTAN (# 22 MM PTFE GRAFT WITH 4.5 MM FENESTRATION) (LAKS' MODIFICATION)	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
122	████	██████████	3	F	16/05/2013	CCHD, TOF, CONFLUENT PA, B/L SVC, SR, NC	ICR + MONOCUSP RECONSTRUCTION OF RVOT VALVE (PTFE) + TAP (BPP)	DR. SABARINATH MENON
123	████	██████████	1	F	17/05/2013	ACHD, SA VSD, PFO, MODERATE PAH, SR	GORETEX PATCH CLOSURE OF VSD + PFO KEPT OPEN	DR. THOMAS MATHEW
124	████	██████████	18	F	17/05/2013	P/ TCPC	LA LINE REMOVAL	DR. THOMAS MATHEW
125	████	██████████	2	F	20/05/2013	CCHD, TOF, CONF. PA, SR, NC	ICR (GP CLOSURE OF VSD) + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP (TPP) + PFO KEPT OPEN	DR. THOMAS MATHEW
126	████	██████████	1	M	21/05/2013	CCHD, D-TGA, VSD, ASD, S/P ASO + VSD CLOSURE (06/05/2013), WITH COMPLETE HEART BLOCK	EPICARDIAL PPI (MEDTRONIC VVIR)	DR. SABARINATH MENON
127	████	██████████	0	F	22/05/2013	ACHD, MALALIGNED VSD, ADDITIONAL APICAL VSD, MODERATE PAH, PFO, SR	BOVINE PERICARDIAL PATCH CLOSURE OF MALALIGNED VSD + DIRECT CLOSURE OF ADDITIONAL VSD + PFO LEFT OPEN	DR. BAIJU S.DHARAN
128	████	██████████	13	M	23/05/2013	CCHD, TOF, PA, ABSENT LPA, S/P ICR + RV TO PA CONDUIT (XENOGRAFT) (12/2000), SEVERE CONDUIT STENOSIS, MODERATE RV DYSFUNCTION, MILD TR, RIGHT ARCH, SR	REDO-STERNOTOMY + CONDUIT CHANGE WITH # 19 AORTIC HOMOGRAFT + TV REPAIR + ATRIAL SEPTOSTOMY	DR. BAIJU S.DHARAN
129	████	██████████	1	F	24/05/2013	CCHD, D-TGA, IVS, PDA, MODERATE COARCTATION OF AORTA, P/ BAS (02/2013), ASD, REGRESSED LV, SR, NC	EXTENDED RESECTION AND END-TO-END ANASTOMOSIS OF AORTA VIA LEFT POSTEROLATERAL THORACOTOMY	DR. BAIJU S.DHARAN
130	████	██████████	11	M	27/05/2013	ACHD, SA VSD, RCC PROLAPSE, TRIVIAL AR, SR	TRANS RA-PA GORETEX PATCH CLOSURE OF VSD	DR. THOMAS MATHEW
131	████	██████████	1	F	28/05/2013	CCHD, TA, SA VSD, SEV PS, P/ BAS, RESTRICTIVE ASD, SR, ECTOPIA CORDIS	BI-DIRECTIONAL GLENN SHUNT	DR. BAIJU S.DHARAN
132	████	██████████	11	M	28/05/2013	ACHD, SA VSD, S/P TRANS RA-PA VSD CLOSURE WITH BLEEDING	RE-EXPLORATION + HEMOSTASIS	DR. THOMAS MATHEW

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133	████	████	10	F	29/05/2013	ACHD, LARGE PM VSD WITH MUSCULAR EXTENSION, SEV PAH, SR	GORETEX PATCH CLOSURE OF VSD	DR. SABARINATH MENON
134	████	████	1	F	30/05/2013	ACHD, SA VSD, PFO, SEV PAH, SR	GORETEX PATCH CLOSURE OF VSD + PFO LEFT OPEN	DR. THOMAS MATHEW
135	████	████	0	M	31/05/2013	CCHD, D-TGA, IVS, ASD, P/ ASO + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. ASHOK KUMAR C J
136	████	████	45	F	03/06/2013	RHD, MOD MS, MOD MR, MILD PAH, GD LV, SR, NC	MVR # 25 SJM + PARTIAL PMLP	DR. PRAVEEN VARMA P.K.
137	████	████	71	M	03/06/2013	SEV CAL AS, MILD AR, CAD, DVD, GDLV, SR, HTN	AVR # 19 PM + CABG X 4 GRAFTS (RSVG TO LAD, MAJOR DIAGONAL, RI, AND RPDA) (MAJOR DIAGONAL GRAFT PIGGYBACKED TO RI GRAFT)	DR. VIVEK V. PILLAI
138	████	████	68	M	04/06/2013	SEV CAL AS, MILD AR, CAD, SVD, S/P PCI TO LAD, GD LV, SR	AVR # 21 PM MAGNA EASE + CABG X 2 GRAFTS (RSVG TO LAD AND MAJOR DIAGONAL)	DR. JAYAKUMAR K
139	████	████	40	M	05/06/2013	BAV,TYPE 1 ASCENDING AORTIC ANEURYSM,HEALED AORTIC ROOT ABSCESS,SEVERE AR,MOD AS,MILD LV DYSFUNCTION,SR ,1 DEGREE AV BLOCK,NC,OLD CVA,OLD HEALED IE	BENTALL DEBONO (AVR 27 CHVP +ASCENDING AORTIC REPLACEMENTWITH 28 ALBOGRAFT	DR. JAYAKUMAR K
140	████	████	19	M	05/06/2013	ACHD, OS ASD, GD LV, SR, P/ FAILED DEVICE CLOSURE AND DEVICE EMBOLIZATION INTO ASC. AORTA	DEVICE RETRIEVAL UNDER TCA + TANNED PERICARDIAL PATCH CLOSURE OF ASD + RIGHT FEMORAL ARTERY REPAIR	DR. VARGHESE T.PANICKER
141	████	████	67	F	06/06/2013	CAD, DVD, FAIR LV, SR, DM, HYPOTHYROIDISM	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO D1 AND AM-PDA)	DR. VIVEK V. PILLAI
142	████	████	63	M	07/06/2013	SEV CAL AS, MILD AR, CAD, DVD, GD LV, SR, DM	AVR # 19 PM + CABG X 2 GRAFTS (RSVG TO DISTAL LAD AND RPLB)	DR. VIVEK V. PILLAI
143	████	████	64	F	10/06/2013	RHD, SEV MS, MILD MR, MILD TR, MOD PAH, CAD, DVD, AF (CVR), COMPENSATED CCF	MVR # 25 SJM + CABG X 2 GRAFTS (RSVG TO D1 AND RPDA)	DR. VIVEK V. PILLAI
144	████	████	60	F	11/06/2013	RHD,SEV CAL MS,MILD MR,GOOD LV FN,MOD PAH,AF,NC	MVR #27 SJM +PMLP	DR. VIVEK V. PILLAI

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145	██████	██████████	71	M	11/06/2013	CAD, LMCA+TV D, OLD MI, RECENT ACS, GD LV, UA, SR, OA, BPH, HTN, GERD, CERVICAL SPONDYLOSIS, LUMBAR PIVD	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, RI AND RPDA)	DR. JAYAKUMAR K
146	██████	██████████	33	M	12/06/2013	RHD, RCC PROLAPSE, SEV AR, MILD MR, MILD AS, GD LV, SR	AVR # 25 CHVP	DR. PRAVEEN VARMA P.K.
147	██████	██████████	44	M	12/06/2013	MVP OF AML & PML (P2 PROLAPSE + A2 & A3 CHORDAL RUPTURE), SEV MR, MOD PAH, GOOD LV, SR, HTN	MVR # 31 SJM + PMLP	DR. VARGHESE T.PANICKER
148	██████	██████████	62	M	13/06/2013	CAD, CSA, TVD, GD LV, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO DIAGONAL, OM3 AND RPDA)	DR. JAYAKUMAR K
149	██████	██████████	55	F	13/06/2013	RHD, S/P CMV, SEV RE-MS, MOD MR, MOD AR, GD LV, AF, NC, HTN	DVR (MVR # 31 SJM + PMLP AND AVR # 21 SJ-HP)	DR. VARGHESE T.PANICKER
150	██████	██████████	59	M	14/06/2013	RHD, S/P CMV, SEV CAL RE MS, MILD MR, MILD PAH, GD LV, AF	MVR # 27 SJM + PMLP	DR. PRAVEEN VARMA P.K.
151	██████	██████████	54	M	17/06/2013	CAD. DVD, MVP OF PML (P2 PROLAPSE), SEV MR, MOD PAH, GD LV, SR, DM	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO D1 AND TERMINAL OM) + MV REPAIR (QUADRANGULAR RESECTION + # 33 SJ TAILOR RING ANNULOPLASTY)	DR. PRAVEEN VARMA P.K.
152	██████	██████████	57	M	25/06/2013	POST-TRAUMATIC SEVERE AR (NCC & RCC TEAR), MODERATE MR, PSEUDOANEURYSM OF DISTAL ARCH AND PROXIMAL DESCENDING AORTA, SR, H/O MULTIPLE FRACTURES	AVR # 21 CHVP + MV REPAIR (WITH # 27 SJ TAILOR RING ANNULOPLASTY) + LEFT CCA DE-BRANCHING + ASCENDING AORTA TO LEFT CCA BYPASS WITH # 8 MM DACRON GRAFT	DR. UNNIKRISHNAN.M
153	██████	██████████	59	M	27/06/2013	CAD, UA, DVD, GD LV, SR, DM	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM)	DR. JAYAKUMAR K
154	██████	██████████	62	M	27/06/2013	SEV CAL AS, GD LV, SR, NC, DM, EX SMOKER	AVR # 19 PM	DR. VARGHESE T.PANICKER
155	██████	██████████	57	M	28/06/2013	CAD, TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 3 GRAFTS (LIMA TO PROXIMAL D2, RSVG TO D1 AND MAJOR OM)	DR. JAYAKUMAR K
156	██████	██████████	40	M	28/06/2013	RHD, SEV AS, MOD AR, MILD MR, GD LV, PAROXYSMAL AF	AVR # 21 CHVP	DR. VARGHESE T.PANICKER

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157	██████	██████	50	M	03/07/2013	CAD, UA, TVD, MOD LV DYSF, SR	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAG', OM1, OM2 AND RPDA)	DR. JAYAKUMAR K
158	██████	████████████████████ ██████	68	M	03/07/2013	RHD, S/P CMV('82), SEV RE MS, MOD PAH, LA CLOT, GD LV, AF, NC, OLD CVA	MVR # 27 SJM + PMLP + LA CLOT REMOVAL	DR. VARGHESE T.PANICKER
159	██████	██████	65	F	04/07/2013	CAD, TVD, ACUTE LV FAILURE, SR, HTN, DLP	CABG X 3 GRAFTS (RSVG TO LAD, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
160	██████	████████████████████ ██████	69	M	04/07/2013	CAD, LMCA + TVD, GD LV, SR, DM, HTN, DLP, DEPRESSION, S/P LEFT NEPHRECTOMY	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, MAJOR DIAGONAL AND RPDA)	DR. JAYAKUMAR K
161	██████	████████████████████	73	M	05/07/2013	CAD, LMCA, TVD, MILD LV DYSFUNCTION, MILD MR, GD LV, AF	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, RI AND RPDA)	DR. JAYAKUMAR K
162	██████	██████	39	F	08/07/2013	ANNULOARTIC ECTASIA, ASC. AORTIC ANEURYSM, MOD AR, MILD MR, GD LV, DEBAKEY TYPE III B DISSECTION, SR, MARFANOID HABITUS	BENTALL'S PROCEDURE (# 25 AVR CHVP + # 26 MM ALBOGRAFT) + ASC. AORTA TO LEFT CCA BYPASS (# 10 MM DACRON GRAFT) + PROXIMAL LEFT CCA LIGATION	DR. JAYAKUMAR K
163	██████	████████████████████ ██████	59	F	09/07/2013	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO DISTAL LAD, MAJOR OM, MAJOR DIAGONAL, ACUTE MARGINAL AND LPDA) (DISTAL LAD PIGGYBACKED TO ACUTE MARGINAL AND MAJOR DIAGONAL PGGYBACKED TO MAJOR OM)	DR. JAYAKUMAR K
164	██████	██████	57	M	10/07/2013	CAD, TVD, IWMI, MILD MR, GD LV, SR, HTN, APD	CABG X 6 GRAFTS (LIMA TO MID LAD, RSVG TO DISTAL LAD, MAJOR DIAGONAL, MAJOR OM, RI, AND RPDA) (DISTAL LAD GRAFT PIGGYBACKED ONTO MAJOR DIAGONAL GRAFT)	DR. JAYAKUMAR K
165	██████	████████████████████	57	M	10/07/2013	RHD, MOD - SEV CAL AS, MOD AR, MILD MR, GD LV, SR, NC, DLP	AVR # 23 SJM	DR. VIVEK V. PILLAI
166	██████	████████████████████	63	M	11/07/2013	CAD, TVD, GD LV, DM, HTN, DLP, SR	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM3, TERMINAL OM, RPDA AND RPLB) (MAJOR DIAGONAL GRAFT PIGGYBACKED TO OM3 GRAFT)	DR. JAYAKUMAR K

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167	██████	██████████	43	M	12/07/2013	CAD, TVD, GD LV, SR, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, ACUTE MARGINAL AND RPDA)	DR. JAYAKUMAR K
168	██████	██████████	34	M	15/07/2013	RHD, SEV AR, SEV MR, FAIR LV, MOD PAH, SR, CHOREA	AVR # 23 CHVP + MV REPAIR (# 30 C-E CLASSIC RING ANNULOPLASTY)	DR. VIVEK V. PILLAI
169	██████	██████████	61	M	15/07/2013	CAD, TVD, REC IWMI (MAR 13), MOD LV DYSF, SR, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, OM2 AND RPDA)	DR. JAYAKUMAR K
170	██████	██████████	65	M	16/07/2013	CAD, TVD, GD LV, SR, DM, HTN, STROKE (R) (2011)	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, RI AND RPDA)	DR. JAYAKUMAR K
171	██████	██████████	59	M	16/07/2013	CAD, CSA, DVD, GD LV, SR, DM, DLP	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO OM1 AND OM3)	DR. VIVEK V. PILLAI
172	██████	██████████	18	F	17/07/2013	ACHD, OSASD, MILD PAH, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR. BINEESH K. R.
173	██████	██████████	57	M	17/07/2013	CAD, TVD, REC IWMI, GD LV, SR, DM, HTN	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM3 AND RPDA)	DR. JAYAKUMAR K
174	██████	██████████	51	M	18/07/2013	CAD, TVD, AWWMI(11/11), P/PCI TO LAD & RCA, SEVLV DYSF, SEV PAH, SR, DM, HTN	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL AND MAJOR OM)	DR. PRAVEEN VARMA P.K.
175	██████	██████████	53	F	18/07/2013	RHD, P/ BMV (2000), SEV MS, MILD MR, MOD AR, MILD AS, GD LV, MOD PAH, SR, NC,	DVR (AVR # 17 SJR AND MVR # 25 SJM + PMLP)	DR. BINEESH K. R.
176	██████	██████████	29	M	19/07/2013	BAV, P/ INFECTIVE ENDOCARDITIS, SEV AR, MOD LVD, VEGETATIONS +, SR	AVR # 23 CHVP	DR. VARGHESE T.PANICKER
177	██████	██████████	53	M	22/07/2013	CAD, TVD, GD LV, SR, HTN, DM, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, RI AND RPDA)	DR. PRAVEEN VARMA P.K.
178	██████	██████████	64	F	23/07/2013	CAD, LMCA + TVD, GD LV, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM AND RPDA)	DR. PRAVEEN VARMA P.K.
179	██████	██████████	16	M	24/07/2013	DVHD,MVP,SEVERE MR,MILD PAH,DILATED LV,GOOD LV,SR,MARFAN ,PAROXYSMAL TACHYCARDIA,	MV REPAIR (QUADRANGULAR RESECTION + TV ANNULOPLASTY WITH29 TAILOR RING)	DR. VIVEK V. PILLAI

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180	████	██████████	58	M	25/07/2013	RHD, S/P AVR (# 19 SJM, 2009), SEV AS, MOD AR, GD LV, SR, NC, DLP.	REDO - AVR (# 17 CHVP)	DR. VIVEK V. PILLAI
181	████	████	30	F	26/07/2013	RHD, MVP OF AML(A3 SEGMENT) SEV MR, ? P/ IE, MILD TR, GD LV, NO PAH, SR	MV REPAIR (PARA COMMISSURAL ALFIERI REPAIR + # 26 SADDLE RING ANNULOPLASTY)	DR. VIVEK V. PILLAI
182	████	██████████ ██████	63	F	26/07/2013	CAD, RECENT ACS, TVD, GD LV, MILD - MOD AR, MILD MR/TR, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
183	████	██████████ ██████	68	M	29/07/2013	CAD, OLD IWMI (2000), REC ACS, TVD, MOD LV DYSF, SR, DM, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
184	████	██████████ ████	59	M	29/07/2013	CAD, TVD, S/P PTCA TO RCA, GD LV, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM AND RPDA)	DR. VIVEK V. PILLAI
185	████	██████████ ████	51	M	30/07/2013	CAD, TVD, REC ACS, UA, GD LV, SR, DM	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM1, LPDA AND LPLB)	DR. JAYAKUMAR K
186	████	████	35	M	30/07/2013	ACHD, OS ASD, MOD PAH, GD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR. ASHOK KUMAR C J
187	████	██████████	65	F	31/07/2013	RHD, SEV AS, MILD AR, MILD MS, MILD MR, MILD TR, MILD PAH, MOD - SEV LV DYS, AF, NC	AVR # 17 SJR + OMV + EPICARDIAL LEAD PLACEMENT (MEDTRONIC CAPSURE)	DR. PRAVEEN VARMA P.K.
188	████	██████████ ████	56	M	01/08/2013	CAD, TVD, IPWMI, REC ACS, S/P PCI TO LCX AND RCA (DES), FAIR LV, SR, DM, HTN, DLP	OPCAB X 2 GRAFTS (LIMA TO LAD AND RSVG TO MAJOR DIAGONAL)	DR. JAYAKUMAR K
189	████	██████████	68	M	01/08/2013	UNCONTROLLABLE FATAL SECONDARY HEMORRHAGE FROM LARGE AORTIC TEAR	RE - EXPLORATION FOR BLEEDING	DR. PRAVEEN VARMA P.K.
190	████	██████████	27	M	02/08/2013	ACHD, OS ASD, GOOD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF OS ASD	DR. ASHOK KUMAR C J
191	████	██████████	39	F	05/08/2013	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO RI, RPDA AND RPLB)	DR. JAYAKUMAR K
192	████	██████████	61	F	07/08/2013	RHD, SEV AS, MOD-SEV MS, MOD MR, MILD AR, MILD PAH, GD LV, SR	DVR (MVR # 23 MHVP + PMLP & AVR # 19 CHVP)	DR. VIVEK V. PILLAI

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193	██████	██████████	52	M	07/08/2013	MVP OF PLM(P2&P3),SEV MR,P/IE SEQUALAE,MILD PAH,MILD LVD,SR,HEMANGIOMA IN LIVER	MV REPAIR (QUADRANGULAR RESECTION OF P2 SEGMENT + # 29 SJ TAILOR RING ANNULOPLASTY)	DR. VIVEK V. PILLAI
194	██████	██████	69	M	08/08/2013	CAD, TVD, SEV LVD, SR, DM, DLP, HYPOTHYROIDISM	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
195	██████	██████████ ██████████	62	M	12/08/2013	CAD, TVD, GD LV, SR, HTN, B/L VARICOSE VEINS, LICHEN PLANUS	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO RI, OM1, TERMINAL OM AND ACUTE MARGINAL)	DR. JAYAKUMAR K
196	██████	██████████	71	M	13/08/2013	CAD, LMCA + TVD, GD LV, SR, DM	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, INF. BRANCH OF MAJOR OM, LPLB AND RPDA) (LPLB GRAFT PIGGYBACKED ONTO RPDA GRAFT, RPDA GRAFT PIGGYBACKED TO MAJOR OM GRAFT)	DR. JAYAKUMAR K
197	██████	██████████	53	M	14/08/2013	CAD, TVD, GD LV, SR, HTN, H/O DRUG ALLERGY	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO RI, MAJOR DIAGONAL AND MAJOR OM) (MAJOR DIAGONAL GRAFT PIGGYBACKED ONTO MAJOR OM GRAFT)	DR. JAYAKUMAR K
198	██████	██████	27	M	14/08/2013	ACHD, SP VSD, MOD AR, GD LV, SR	DIRECT CLOSURE OF SP VSD + AVR # 20 ATS	DR. VIVEK V. PILLAI
199	██████	██████████	66	M	26/08/2013	CAD, TVD, GD LV, SR, DM, DLP	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM AND LPDA)	DR. JAYAKUMAR K
200	██████	██████████	52	M	26/08/2013	POST AORTITIS,SEV AR,MILD-MOD MR,GDLV,SR,SCHIZOPHRENIC	AVR# 25 CHVP+ MV REPAIR(# 28 SADDLE RING ANNULOPLASTY)	DR. VARGHESE T.PANICKER
201	██████	██████████ ██████████	64	M	27/08/2013	RHD,SEV CAL MS,MILD MR,MOD TR,MOD PAH,AF,NC,R MCA STROKE	MVR# 29SJM+ BICUSPIDISATION OF TV	DR. VARGHESE T.PANICKER
202	██████	██████████ ██████	69	F	27/08/2013	BAV, SEV CAL AS, MILD AR, MILD MR, GD LV, SR, NC, HTN	AVR (# 19 PM MAGNA)	DR. PRAVEEN VARMA P.K.
203	██████	██████████	52	M	28/08/2013	S/P AVR# 25 CHVP+ MV REPAIR(# 28 SADDLE RING ANNULOPLASTY),PE	RE-EXPLORATION AND PE DRAINAGE	DR. VARGHESE T.PANICKER

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204	██████	██████	29	M	29/08/2013	S/P ASD CLS + MV REPAIR + TV REPAIR FOR PAVCD, CLEFT AML (2006), SEV MR, MOD-SEV TR, MOD PAH, FAIR LV, AF	MVR# 33 SJM + PMLP + TV REPAIR (#34 CE CLASSIC RING TV ANNULOPLASTY)	DR. PRAVEEN VARMA P.K.
205	██████	██████	44	F	30/08/2013	SEV CAL AS,GDLV,SR,NC	AVR # 19 SJR	DR. PRAVEEN VARMA P.K.
206	██████	██████	61	F	30/08/2013	RHD, S/P CMV (1989), SEV RE MS, LARGE LA CLOT, MOD TR, SEV PAH, GD LV, AF,	MVR (# 25 SJM) + LA CLOT REMOVAL	DR. VIVEK V. PILLAI
207	██████	██████	1	F	02/09/2013	CCHD, SS, DC, DILV, SA VSD, ASD, SEV PAH, SR	PA BANDING (24 MM PTFE)	DR. THOMAS MATHEW
208	██████	██████	0	F	02/09/2013	CCHD, TOF, PA, CONF PA, PDA, SR	B-T SHUNT (3.0 MM PTFE TUBE GRAFT)	DR. THOMAS MATHEW
209	██████	██████	18	F	03/09/2013	CCHD, SV(LV), PS, B/L SVC, S/P LMBTS (2000), S/P B/L BDG (2001), MAPCAS, SR	EXTRACARDIAC FENESTRATED FONTAN OPERATION (22 MM PTFE GRAFT WITH 5 MM FENESTRATION)	DR. BAIJU S.DHARAN
210	██████	██████	18	F	05/09/2013	P/ TCPC	PA LINE REMOVAL	DR. THOMAS MATHEW
211	██████	██████	0	F	06/09/2013	CCHD, OBSTRUCTED SC-TAPVC, OS ASD, SEV PAH, SR	PRIMARY SUTURELESS REPAIR OF SC-TAPVC + ASD MADE RESTRICTIVE + STENTED STERNUM	DR. BAIJU S.DHARAN
212	██████	██████	1	M	06/09/2013	CCHD, TOF, CONF. PA, LPA ORIGIN STENOSIS, OS ASD, RIGHT ARCH, SR, DOWN'S SYNDROME	ICR + MONOCUSP RECONSTRUCTION OF RVOT + TAP + LPA PLASTY +BPP CLOSURE OF OS ASD (FENESTRATED) + TV REPAIR	DR. THOMAS MATHEW
213	██████	██████	0	F	08/09/2013	CCHD, OBSTR.' SC-TAPVC, SEV PAH, S/P TAPVC REPAIR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. BAIJU S.DHARAN
214	██████	██████	15	F	10/09/2013	ACHD, SA VSD, NCC PROLAPSE, MILD - MOD AR, SR	GORETEX PATCH CLOSURE OF VSD + AV REPAIR (ANNULOPLASTY)	DR. SABARINATH MENON
215	██████	██████	6	F	11/09/2013	SCIMITAR VEIN (HAPVC OF RIGHT PV TO IVC-RA JUNCTION), OS ASD, LARGE PDA,SEV PAH, SR	HAPVC REROUTING VIA INTER-ATRIAL BAFFLE (WITH BOVINE PERICARDIAL PATCH) + IVC AUGMENTATION (BPP) + PDA LIGATION	DR. THOMAS MATHEW
216	██████	██████	0	M	13/09/2013	ACHD, SEV COA (POST SCA), BAV, MILD MR, SR	RESECTION AND END-TO-END ANASTOMOSIS	DR. BAIJU S.DHARAN

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217	██████	██████████	0	M	17/09/2013	CCHD, DORV, SP VSD (TAUSSIG - BING ANOMALY), SEV COA, SEV PAH, TRANSVERSE ARCH HYPOPLASIA, SR	ASO + VSD CLOSURE + RESECTION OF COA SEGMENT + TRANSVERSE AORTIC ARCH RECONSTRUCTION WITH BPP (UNDER SCP)+ TV REPAIR + STENTED STERNUM	DR. BAIJU S.DHARAN
218	██████	██████	10	F	18/09/2013	CCHD, SV(LV), SEV PS, VSD, S/P BDG (2006), LEFT DIAPHRAGM PALSY	LEFT DIAPHRAGM PPLICATION VIA LEFT LATERAL THORACOTOMY	DR. SABARINATH MENON
219	██████	██████████	1	F	19/09/2013	ACHD, POSTERIOR MUSCULAR VSD, SEV PAH, B/L SVC, SR	DACRON PATCH CLOSURE OF VSD	DR. THOMAS MATHEW
220	██████	██████████	3	M	19/09/2013	ACHD, SA VSD, INF PS, SR	ICR(TRANS RA - GP CLOSURE OF VSD + INFUNDIBULAR RESECTION)	DR. THOMAS MATHEW
221	██████	██████	4	F	20/09/2013	CCHD, TOF, FAIR PA, ASD, GD LV, SR, SPELLS, DOWNS SYNDROME, HYPOTHYROIDISM	ICR (GP CLOSURE OF VSD + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP) + PFO MADE RESTRICTIVE	DR. THOMAS MATHEW
222	██████	██████████	1	M	20/09/2013	L-TGA, SP VSD, SEV PAH, SINGLE CORONARY, CHB	GORETEX PATCH CLOSURE OF VSD + EPICARDIAL PPI (MEDTRONIC - CAPSURE)	DR. THOMAS MATHEW
223	██████	██████████	0	F	23/09/2013	ACHD, MALALIGNED SA VSD, MILD INF PS, SEV PAH, PDA, PFO, GD LV, SR	TRANS RA - PA ICR (GP CLOSURE OF VSD + INFUNDIBULAR RESECTION)	DR. THOMAS MATHEW
224	██████	██████████	1	F	24/09/2013	ACHD, MALALIGNED SA VSD, FENESTRATED IAS, SEV PAH, SR	GORETEX PATCH CLOSURE OF VSD + TANNED PERICARDIAL PATCH CLOSURE OF ASD + PFO LEFT OPEN + STENTED STERNUM	DR. SABARINATH MENON
225	██████	██████	4	M	25/09/2013	CCHD, TOF, CONF. PA, GD LV, RIGHT ARCH, NC, SR, SPELLS, ? MAPCA'S	ICR (GP CLOSURE OF MALALIGNED SA VSD) + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP + DIRECT CLOSURE OF PFO	DR. THOMAS MATHEW
226	██████	██████████	8	M	27/09/2013	CCHD, SV(LV), DILV, DTGA, P/ RMBTS (2005), P/ BDG +ATRIAL SEPTECTOMY + PDA INTERRUPTION (2008), SR	EXTRACARDIAC FENESTRATED FONTAN OPERATION (# 20 MM PTFE GRAFT WITH 4.5 MM FENESTRATION)	DR. THOMAS MATHEW
227	██████	██████████	8	M	28/09/2013	P/ TCPC	LA LINE REMOVAL	DR. THOMAS MATHEW

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
228	██████	██████████	3	F	30/09/2013	CCHD, DORV, SA VSD, SEV PS, RIGHT ARCH, MULTIPLE ADDITIONAL MUSCULAR VSD', B/L SVC, RT. ARCH, SR, ? MAPCA'S	ICR (GP CLOSURE OF SA VSD) + MONOCUSP RECONSTRUCTION OF RVOT + TAP + TV REPAIR (ANTEROSEPTAL COMMISSUROPLASTY) + DIRECT CLOSURE OF MULTIPLE MUSCULAR VSD + PFO LEFT OPEN	DR. THOMAS MATHEW
229	██████	██████████	1	F	01/10/2013	CAVCD (RASTELLI TYPE A), PDA, OS ASD, SEV PAH, MOD. RT AVVR, SR, DOWN'S SYNDROME	CAVCD REPAIR (DOUBLE PATCH TECHNIQUE) + PFO LEFT OPEN + STENTED STERNUM	DR. THOMAS MATHEW
230	██████	██████████	1	F	02/10/2013	CAVCD (RASTELLI TYPE A), PDA, OS ASD, SEV PAH, MOD. RT AVVR, SR, DOWN'S SYNDROME, S/P CAVCD REPAIR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
231	██████	██████████	5	F	03/10/2013	ACHD, SA VSD, SEV AR, GD LV, SR	DIRECT CLOSURE OF SA VSD + AV REPAIR (TRIANGULAR RESECTION + PPLICATION OF RCC & NCC-RCC-LCC COMMISSURAL PPLICATION)	DR. THOMAS MATHEW
232	██████	██████████	3	F	03/10/2013	CCHD, DORV, SA VSD, SEV PS, MULTIPLE MUSCULAR VSD', S/P ICR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
233	██████	██████████	1	F	03/10/2013	P/ICR	PA LINE REMOVAL	DR. THOMAS MATHEW
234	██████	██████████	0	M	03/10/2013	CCHD, D-TGA, IVS, PDA, REGRESSING LV, IL2RCX, P/BAS, SR	ASO + DIRECT CLOSURE OF ASD + PFO LEFT OPEN + STENTED STERNUM	DR. BAIJU S.DHARAN
235	██████	██████████	0	M	04/10/2013	CCHD, D-TGA, IVS, PDA, REGRESSING LV, IL2RCX, P/BAS, SR	ASO + DIRECT CLOSURE OF ASD + PFO LEFT OPEN + STENTED STERNUM	DR. BAIJU S.DHARAN
236	██████	██████████	0	M	05/10/2013	CCHD, D-TGA, IVS, PDA, P/ BAS, S/P ASO + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. SABARINATH MENON
237	██████	██████████	16	M	07/10/2013	P/VSD CLOSURE + AV & RSOV REPAIR (MAY 2013), IE, AORTIC ROOT ABSCESS, MILD - MOD AR, SYSTEMIC EMBOLIZATION, SR	REDO-STERNOTOMY + DEBRIDEMENT OF VEGETATIONS AND AORTIC ROOT ABSCESS + AORTIC ROOT REPLACEMENT WITH# 23 AORTIC HOMOGRAFT	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
238	██████	██████████	1	F	09/10/2013	CCHD, OBSTRUCTED SC - TAPVC, PAPVC OF RUPV, RESTRICTIVE OS ASD, SEV PAH, SR	PRIMARY SUTURELESS REPAIR OF TAPVC (CC - LA) + PAPVC REROUTING + WARDEN'S PROCEDURE+ PFO LEFT OPEN	DR. SABARINATH MENON
239	██████	██████████	1	F	10/10/2013	CCHD, TOF, CON PA, S/P LMBTS WITH INCREASED PBF	RE-EXPLORATION + B-T SHUNT REVISION	DR. THOMAS MATHEW
240	██████	██████████	1	M	10/10/2013	ACHD, SA VSD, MULTIPLE ADDITIONAL MUSCULAR VSD'S, SEV PAH, PFO, SR	GORETEX CLOSURE OF SA VSD + DIRECT CLOSURE OF MULTIPLE MUSCULAR VSD'S + PFO LEFT OPEN	DR. THOMAS MATHEW
241	██████	██████████	1	M	15/10/2013	CCHD, SUPRACARDIAC TAPVC, SEV PAH, PFO, SR	PRIMARY SUTURELESS REPAIR OF TAPVC + PFO MADE RESTRICTIVE	DR. SABARINATH MENON
242	██████	██████████	0	F	17/10/2013	CCHD, TRUNCUS ARTERIOSUS WITH INTERRUPTED AORTIC ARCH (TYPE 4A), SUBTRUNCAL VSD, SEV PAH, PFO, SR	REPAIR OF TRUNCUS ARTERIOSUS + ARCH RECONSTRUCTION (UNDER SCP) + GORETEX PATCH CLOSURE OF VSD + RV TO PA CONUIT (USING #17 AORTIC HOMOGRAFT) + PFO LEFT OPEN + STENTED STERNUM	DR. BAIJU S.DHARAN
243	██████	██████████	1	F	17/10/2013	P/ TAPVC REPAIR	PA LINE REMOVAL	DR. THOMAS MATHEW
244	██████	██████████	2	F	18/10/2013	CCHD, SC TAPVC, BICUSPID PULMONARY VALVE, SEV VALVAR PS, PFO, CONF. PA, SR	TAPVC REPAIR (VIA SUPERIOR + POSTERIOR APPROACH) + PULMONARY VALVOTOMY + PFO MADE RESTRICTIVE	DR. THOMAS MATHEW
245	██████	██████████	26	F	18/10/2013	CCHD, TOF, S/P RIGHT CLASSICAL B-T SHUNT (1996), VALVAR PULMONARY ATRESIA, CONF.'PA, PFO, SR, NC	B-T SHUNT TAKEDOWN + ICR (GP CLOSURE OF VSD) + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP + PFO MADE RESTRICTIVE	DR. THOMAS MATHEW
246	██████	██████████	13	F	19/10/2013	CCHD, DORV, PA, SAVSD WITH INLET EXTENSION, SR, S/P BDG+ ATRIAL SEPTECTOMY, P/ MAPCA COILING, S/P ICR WITH BLEEDING	RE-EXPLORATION + HEMOSTASIS	DR. SABARINATH MENON
247	██████	██████████	19	M	21/10/2013	ACHD, SA VSD, NCC & RCC PROLAPSE, SEV AR, SR	DIRECT CLOSURE OF SA VSD + AVR # 23 CHVP	DR. THOMAS MATHEW
248	██████	██████████	0	F	21/10/2013	P/ TA REPAIR + INTRUPTTED AO ARCH RECONSTRUCTION WITH STENTED STERNUM	DSC	DR. BAIJU S.DHARAN

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249	██████	██████████	5	M	21/10/2013	SA, DC, LEFT ATRIAL ISOMERISM, INTERRUPTED IVC, HAPVC OF LEFT PULMONARY VEINS, MALALIGNED FENESTRATED IAS, LSVC, RIGHT ARCH	TANNED PERICARDIAL PATCH CLOSURE OF MALALINGED FENESTRATED IAS WITH HAPVC REROUTING	DR. BAIJU S.DHARAN
250	██████	██████████	12	M	22/10/2013	S/P VSD CLOSURE + AV REPAIR (2008), SEV AR, SMALL RESIDUAL VSD, ADDITIONAL VSD, SEVERE PS, SR	REDO - STERNOTOMY + ICR (DIRECT CLOSURE OF VSD'S + INFUNDIBULAR RESECTION) + AVR # 25 CHVP	DR. THOMAS MATHEW
251	██████	██████████	2	F	23/10/2013	CCHD, TOF, GOOD PA, PFO, SR	ICR (GORETEX PATCH CLOSURE OF MALALINED VSD) + MONOCUSP RECONSTRUCTION OF RVOT + TAP + PFO LEFT OPEN	DR. SABARINATH MENON
252	██████	██████████	5	F	23/10/2013	ACHD, MULTIPLE ASD, TRIVIAL PS, DR	DIRECT CLOSURE OF ASD' (VIA SUB-XIPHOID APPROACH)	DR. THOMAS MATHEW
253	██████	██████████	1	F	28/10/2013	ACHD, SA VSD, SEV HYPERKINETIC PAH, SR	GORETEX PATCH CLOSURE OF VSD + PFO (3.0 MM) CREATED	DR. SABARINATH MENON
254	██████	██████████	14	M	28/10/2013	P/ TCPC	LA LINE REMOVAL	DR. ASHOK KUMAR C J
255	██████	██████████	0	M	29/10/2013	CCHD, OBSTRUCTED CARDIAC TAPVC, SEV PAH, SR	TAPVC REPAIR (CS CUTBACK + SUTURELESS REPAIR) + BPP AUGMENTATION OF RIGHT PULMONARY VEINS AND LUPV + ASD CLOSURE + PFO LEFT OPEN	DR. BAIJU S.DHARAN
256	██████	██████████	3	M	30/10/2013	ACHD, DC VSD, MOD PS, PFO, SR	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION + PULMONARY VALVOTOMY) + PFO LEFT OPEN	DR. SABARINATH MENON
257	██████	██████████	3	M	31/10/2013	ACHD, SV ASD, PAPVC OF RUPV, MILD PAH, SR	ASD CLOSURE + PAPVC REROUTING (DOUBLE PATCH TECHNIQUE)	DR. SIMRAN KUNDAN
258	██████	██████████	70	M	01/11/2013	CAD, LMCA + TVD, MILD MR, GD LV, SR, DM, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D2, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
259	██████	██████████	73	M	01/11/2013	CAD, TVD + LMCA, MILD LV DYS, SR, B/L CAROTID ARTERY STENOSIS	CABGX4 GRAFTS LIMA-LAD, RSVG-D2, MAJ OM, PRE CRUX RCA	

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260	████	██████████	58	M	04/11/2013	CAD, TVD, MILD LVD, SR, COPD, EX SMOKER	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO RI AND RPDA)	DR. PRAVEEN VARMA P.K.
261	████	██████████	47	M	05/11/2013	MVP OF PML (P2 SEGMENT), SEVERE MR, MOD-SEV PAH, GOOD LV, SR, NC, DM	MV REPAIR (TRIANGULAR RESECTION OF P2 SEGMENT + # 33 SJ TAILOR RING ANNULOPLASTY)	DR. VIVEK V. PILLAI
262	████	██████████	55	M	06/11/2013	CAD, TVD, GD LV, SR, DM, HTN	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
263	████	██████████	76	M	07/11/2013	CAD, TVD, GD LV, SR, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, OM2, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
264	████	██████████ ████	68	M	08/11/2013	CAD, TVD, MODERATE MR, SEVERE LV DYSFUNCTION, SR, COPD	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM2, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
265	████	██████████	72	M	11/11/2013	CAD, DVD, GD LV, SR, DM, HTN, OLD CVA, BPH	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, BOTH BRANCHES OF MAJOR OM AND LPDA)	DR. JAYAKUMAR K
266	████	████	54	M	11/11/2013	CAD, TVD, GD LV, SR, DLP	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D2, OM1, OM3, RI AND RPDA) (D2 PIGGYBACKED TO RI)	DR. JAYAKUMAR K
267	████	██████████	59	M	12/11/2013	CAD, TVD, MILD LV DYSFUNCTION, SR	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
268	████	████	52	M	13/11/2013	CAD, TVD, MILD LVD, SR, DLP, B/L VARICOSE VEINS	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, RPDA1 AND RPDA2)	DR. JAYAKUMAR K
269	████	██████████	54	F	14/11/2013	RHD, SEV MR, MILD PAH, MILD LVD, SR, NC, RENAL DYSFUNCTION	MVR # 23 MHVP + PMLP	DR. VIVEK V. PILLAI
270	████	██████████ █	66	F	14/11/2013	CAD, TVD, GD LV, SR, DLP, HTN	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM AND RCA AT CRUX)	DR. JAYAKUMAR K
271	████	██████████	30	M	15/11/2013	ACHD, OSASD, PARTIAL ABSENT PERICARDIUM, SR WITH 1ST DEGREE AV BLOCK	BOVINE PERICARDIAL PATCH CLOSURE OF ASD	DR. BINEESH K. R.
272	████	██████████	36	M	18/11/2013	MVP OF PML (P2 SEGMENT), FLAIL AML, SEVERE MR, OS ASD, MOD PAH, MOD RV DYSFUNCTION, GOOD LV, SR	MVR # 33 SJM + PARTIAL PMLP + PERICARDIAL PATCH CLOSURE OF ASD	DR. PRAVEEN VARMA P.K.
273	████	██████████	43	M	19/11/2013	RHD, BAV, SEV CALCIFIC AS, MOD AR, GD LV, SR, NC, HTN	AVR # 25 CHVP	DR. PRAVEEN VARMA P.K.

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274	████	██████████	38	M	20/11/2013	CAD, LMCA + TVD, MILD LVD, SR, DLP, ANXIETY DISORDER	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, MAJOR OM AND RPDA) (D2 PIGGYBACKED ONTO D1)	DR. JAYAKUMAR K
275	████	██████████	48	F	21/11/2013	CAD, LMCA + DVD, GD LV, SR, DM, HTN, DLP, BA, B/L VV	OPCAB X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL AND RI)	DR. JAYAKUMAR K
276	████	██████████ █	43	F	22/11/2013	MVP OF PML (P2 SEGMENT), SEV MR, GD LV, SR WITH 1ST DEGREE AV BLOCK, NC	MV REPAIR (QUADRANGULAR RESECTION OF P2 + MV ANNULOPLASTY WITH # 28 SADDLE RING)	DR. VIVEK V. PILLAI
277	████	██████████	62	M	25/11/2013	CAD, DVD, GD LV, SR, HTN	OPCAB X 3 GRAFTS (LIMA TO LAD, RSVG TO D2 AND RPDA)	DR. JAYAKUMAR K
278	████	██████████ ████	67	M	25/11/2013	CAD, TVD, S/P PCI FOR LAD (1999), UA, GD LV, SR, DM, HTN	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM AND DISTAL RCA)	DR. JAYAKUMAR K
279	████	██████████	56	F	26/11/2013	CAD, TVD, GDLV, SR, HTN, DLP	CABG X 3 GRAFTS, LIMA-LAD, RSVG-MAJ OM, RPDA	DR. JAYAKUMAR K
280	████	██████	45	M	27/11/2013	CAD, DVD, S/P PCI TO RCA (JUNE 2013), GD LV, SR	OPCAB X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL AND RPDA)	DR. JAYAKUMAR K
281	████	██████████ ██████████	61	F	28/11/2013	MVP OF PML (P2 SEGMENT), SEV MR, GOOD LV, SR, NC, HTN, DLP	MV REPAIR (QUADRANGULAR RESECTION OF P2 + # 29 SJ TAILOR RING MV ANNULOPLASTY)	DR. PRAVEEN VARMA P.K.
282	████	██████████ █	56	F	29/11/2013	CAD, LMCA + DVD, MILD LV DYSFUNCTION, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM1 AND LPLB)	DR. JAYAKUMAR K
283	████	██████	60	F	29/11/2013	RHD, S/P MVR #25 SJM+PMLP+TV ANNULOPLASTY, PV THROMBOSIS, GD LV, AF, NC, OLD CVA	REDO MVR # 25 CHVP	DR. VARGHESE T. PANICKER
284	████	██████████	65	M	02/12/2013	CAD, LMCA + TVD, GOOD LV, SR WITH 1ST DEGREE HB, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, LPLB AND LPDA) (D1 GRAFT PIGGYBACKED ONTO MAJOR OM GRAFT)	DR. JAYAKUMAR K
285	████	██████████	49	M	03/12/2013	CAD, TVD, GOOD LV, SR	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
286	████	██████████ ██████████	52	M	04/12/2013	CAD, TVD, SEV LV DYSFN, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, LOWER BRANCH OF MAJOR OM, RPDA AND RPLB) (OM1 GRAFT PIGGYBACKED ONTO D1 GRAFT)	DR. JAYAKUMAR K

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287	████	██████████	45	M	05/12/2013	CAD, LMCA + TVD, GOOD LV, SR	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, RI AND RPDA) + LV PLICATION	DR. JAYAKUMAR K
288	████	██████████	50	M	05/12/2013	RHD, SEV MS, MOD MR, MOD PAH, GD LV, AF, NC, H/O STROKE	MVR # 27 CHVP + PMLP	DR. VARGHESE T.PANICKER
289	████	██████████	56	M	06/12/2013	CAD, TVD, SR	CABG X 4 GRAFTS	DR. VIVEK V. PILLAI
290	████	██████████ ████	65	M	06/12/2013	LARGE INFRARENAL AAA WITH IMPENDING RUPTURE; HTN; MILD CAD	ENDOANEURYSMORAPHY (WITH DACRON 16 MM GRAFT)	DR. UNNIKRISHNAN.M
291	████	██████████	37	M	06/12/2013	ACHD, SV ASD, PAPVC(RUPV AND APICAL SEGMENT VEIN DRAINING AT SVC RA JUNCTION), GDLV, SR	SV ASD CLOSURE AND REROUTING OF RT APICAL AND RUPV DONE TO LA	DR. JAYAKUMAR K
292	████	██████████	56	M	09/12/2013	CAD, LMCA + TVD, GD LV, SR, B/L VARICOSE VEINS	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, OM1, TERMOM, RPDA)	DR. VIVEK V. PILLAI
293	████	██████████	27	M	09/12/2013	BAV, SEV AR, MILD LV DYSFUNCTION, SR	AVR # 27 CHVP	DR. BINEESH K. R.
294	████	██████████	52	F	10/12/2013	CAD, TVD, GD LV, SR, DM, HTN, GASTRITIS	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO RI, MAJOR OM AND RPDA) (SEQUENTIAL RSVG TO PROXIMAL AND DISTAL RI)	DR. JAYAKUMAR K
295	████	██████████	67	M	10/12/2013	CAD, TVD, GOOD LV, SR, DM, HTN	CABG X 5 (LIMA TO LAD; RSVG TO OM1, OM2, OM3 & PDA)	DR. JAYAKUMAR K
296	████	██████████	62	M	11/12/2013	CAD, TVD, GD LV, SR, HTN, DLP, VV, LIH, RT HYDROCOELE	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, OM1, OM2 AND RPDA)	DR. JAYAKUMAR K
297	████	██████████ ████	64	M	11/12/2013	CAD, MILD LMCA + OSTIAL LAD, GOOD LV, SR, HTN, PSOARIASIS	OPCAB X 1 GRAFT (LIMA TO LAD)	DR. JAYAKUMAR K
298	████	██████████ ██████████	58	M	12/12/2013	CAD, TVD, GD LV, SR, LEFT RENAL MASS, HTN, DLP	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO DI, OM1, OM2, TERMINAL OM AND RPDA) (OM1 PIGGYBACKED ONTO D1)	DR. JAYAKUMAR K
299	████	██████████ ██████████	61	M	13/12/2013	CAD, MILD LMCA + TVD, MILD AR, GD LV, SR, HTN	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D1, RI, MAJOR OM, RCA AND ACUTE MARGINAL)	DR. JAYAKUMAR K
300	████	██████████ ██████████	62	M	16/12/2013	CAD, TVD, GD LV, SR, DM, HTN, POVD, B/L VV	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM AND ACUTE MARGINAL RPDA) (ON CPB + BEATING HEART)	DR. JAYAKUMAR K

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
301	██████	██████████	53	F	17/12/2013	BAV, SEVERE CALCIFIC AS, DILATED ASCENDING AORTA, GD LV, SR, NC, HYPOTHYROIDISM	MODIFIED BENTALL'S PROCEDURE (# 19 CHVP + # 20 MM ALBOGRAFT)	DR. JAYAKUMAR K
302	██████	██████████ █	66	M	18/12/2013	CAD, LMCA + TVD, GD LV, SR, DM, HTN	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, OM1, TERMINAL OM AND RCA) (D1 AND OM1 PIGGYBACKED ONTO TERMINAL OM GRAFT) (D2 GRAFT PIGGYBACKED ONTO D1 GRAFT)	DR. JAYAKUMAR K
303	██████	██████████	32	M	18/12/2013	ACHD, SV ASD, PAPVC OF RUPV, SMALL PFO, MILD PAH, GD LV, SR	ASD CLOSURE + PAPVC REROUTING (DOUBLE PATCH TECHNIQUE) + DIRECT CLOSURE OF PFO	DR. BINEESH K. R.
304	██████	██████████	54	M	19/12/2013	CAD, TVD, GD LV, SR, HTN, DLP	CABGX 4 GRAFTS (LIMA TO LAD, RSVG TO D1, OM2 AND RPDA)	DR. JAYAKUMAR K
305	██████	██████████ █	66	M	19/12/2013	CAD, TVD, GD LV, SR	CABG X 3 GRAFTS	DR. JAYAKUMAR K
306	██████	██████████ █	66	M	20/12/2013	CAD, LMCA + TVD, P/PCI TO LCX & RCA (2012), GOOD LV, SR, DM, HTN, B/L PVOD	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
307	██████	██████████	18	M	24/12/2013	RHD, S/P MVR#25 SJM + PMLP (11/09/2013), PV THROMOBOSIS, P/ FAILED THROMBOLYSIS, GOOD LV, SR	EMERGENCY REDO MVR # 25 CHVP + PMLP	DR. VARGHESE T.PANICKER
308	██████	██████████	29	F	26/12/2013	RHD, SEV MR, P/ IE SEQUELAE, GD LV, AF, HYPOTHYROIDISM	MVR # 25 CHVP + PARTIAL PMLP	DR. VIVEK V. PILLAI
309	██████	██████████	46	M	30/12/2013	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM1, RPDA AND RPLB)	DR. JAYAKUMAR K
310	██████	██████████	50	M	31/12/2013	CAD, LMCA + TVD, S/P PCI TO LAD (2006), MOD LVD, SR, DM, DLP	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO OM1 AND PRECRUX RCA)	DR. JAYAKUMAR K
311	██████	██████████	54	M	01/01/2014	CAD, LMC, TVD, OLD IWMI, MILD LVD, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA- LAD, RSVG TO D1, D2, MAJ OM & RPDA)	DR. JAYAKUMAR K
312	██████	██████████	47	M	02/01/2014	CAD, TVD, GOOD LV, SR, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM, OM2 AND RPDA) + LAD ENDARTERECTOMY	DR. JAYAKUMAR K

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313	██████	██████████	40	M	03/01/2014	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
314	██████	██████████ ██████████	37	F	06/01/2014	RHD, SEV AS, MOD AR, MILD-MOD MS, MILD MR, MILD PAH, S/P OMV 2004, KYPHOSCOLIOSIS, RESTRICTIVE LUNG DISEASE	REDOSTERNOTOMY + AVR # 17 SJR + AORTOPLASTY DONE WITH BPP	DR. PRAVEEN VARMA P.K.
315	██████	██████████	63	M	06/01/2014	BAV, SEV CAL AS, MILD AR, MILD TO MOD MR, GDLV, SR, LBBB	AVR#21 PM	DR. VIVEK V. PILLAI
316	██████	██████████	62	M	07/01/2014	CAD, LMCA + TVD, GD LV, SR, DM, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM3, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
317	██████	██████████ ██████	66	F	08/01/2014	CAD, TVD, GD LV, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D2, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
318	██████	██████████	61	F	09/01/2014	PROSTHETIC VALVE THROMBOSIS, S/P MVR # 25 SJM + PMLP (JAN 2010), MILD PAH, GD LV, SR, DM, HTN, MILD CAD, H/O OLD CVA WITH RESIDUAL LEFT HEMIPARESIS	REDO - MVR # 23 CHVP + PARTIAL PMLP	DR. VARGHESE T.PANICKER
319	██████	██████████	59	M	09/01/2014	SEVRE CALCIFIC AS, MODERATE AR, GOOD LV, SR, CAD, SVD, HTN	AVR # 19 SJR + CABG X 1 GRAFT (LIMA - LAD)	DR. PRAVEEN VARMA P.K.
320	██████	██████████	55	M	10/01/2014	CAD, TVD, MOD LV DYSFN, S/P PCI (DES TO LAD, LCX & RCA), SR, HTN, DLP	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D1, D2, TERMINAL OM, RCA @ CRUX AND ACUTE MARGINAL PDA)	DR. JAYAKUMAR K
321	██████	██████████	60	M	13/01/2014	RHD, SEV MR, MILD MS, MILD AR, MILD TR, MOD PAH, AF, NC	MVR # 27 CHVP + PMLP	DR. PRAVEEN VARMA P.K.
322	██████	██████████ ██████████	23	F	15/01/2014	RHD, SEV MR, SEV MS, MILD AS, MILD PAH, GD LV, SR	MVR # 25 CHVP + PMLP	DR. PRAVEEN VARMA P.K.
323	██████	██████████	61	F	15/01/2014	CAD, DVD, FAIR LV, SR, DM	CABGX 3 GR (LIMA TO LAD, RSVG TO MAJ. OM AND RPDA)	DR. PRAVEEN VARMA P.K.
324	██████	██████████	67	F	16/01/2014	RHD, MODERATE - SEV MR, SEV TR, MILD LV DYSF, AF, NC, HTN, LEFT LOWER LIMB FILARIASIS	MV REPAIR (# 28 SADDLE RING MVA) + TV REPAIR (# 30 MC3 RING TVA)	DR. PRAVEEN VARMA P.K.

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325	██████	██████████	34	M	17/01/2014	RHD, SEVERE MR, SEVERE AR, MODERATE MS, MODERATE AS, MODERATE PAH, GD LV, AF	DVR (MVR # 27 CHVP + PMLP AND AVR # 19 SJR)	DR. PRAVEEN VARMA P.K.
326	██████	██████████	75	M	20/01/2014	CAD,TVD,GOOD LV, SR, DM, HTN, B/L PVOD, B/L CAROTID ARTERY STENOSIS	CABG X 4 G,LIMA TO LAD,RSVG TO MAJOR DIAGONAL,MAJ OM,RPDA	DR. JAYAKUMAR K
327	██████	██████████	48	F	20/01/2014	RHD, SEV MS, SEV MR, MODERATE TR, SEV PAH, GOOD LV, SR, NC, DM, HTN	MVR # 25 CHVP + PMLP AND TVA (WITH # 28 MC3 RING)	DR. VARGHESE T.PANICKER
328	██████	██████████	20	M	21/01/2014	ACHD,SV ASD, MILD PAH, SR	DOUBLE PATCH REPAIR	DR. BINEESH K.R.
329	██████	██████████	16	M	21/01/2014	ACHD, CLEFT AML, SEVERE MR, GOOD LV, SR	CLEFT AML REPAIR + MV ANNULOPLASTY (WITH # 28 SJ SADDLE RING)	DR. PRAVEEN VARMA P.K.
330	██████	██████████	61	M	22/01/2014	CAD, TVD, GD LV, SR, S/P PCI TO RI (2007), P/ PCI TO RCA (2008), RCA ISR, P/ FAILED PCI TO RCA (2013 - MULTIPLE ATTEMPTS), DM, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, OM1, TERMINAL OM AND RPDA) (MAJOR DIAGONAL GRAFT PIGGYBACKED ONTO OM1 GRAFT)	DR. JAYAKUMAR K
331	██████	██████████	25	M	22/01/2014	ACHD, OSASD, SR	PERICARDIAL PATCH CLOSURE	DR. SUDIP DUTTA BARUAH
332	██████	██████████	39	M	23/01/2014	RHD, SEV MS, MOD MR, MOD AS, MOD AR, MILD PAH, GOOD LV, SR WITH FIRST DEGREE AV BLOCK	DVR (MVR # 29 CHVP + PMLP AND AVR # 19 SJR)	DR. PRAVEEN VARMA P.K.
333	██████	██████████	58	M	24/01/2014	SEV AS, CAD, TVD, MOD LVD, SR, DM, HTN, DLP	AVR # 19 SJR + CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO MAJOR OM AND RPDA)	DR. PRAVEEN VARMA P.K.
334	██████	██████████	71	M	26/01/2014	CAD, TVD, S/P CABG X 5 GRAFTS (24.01.2014), WITH POST - OP MI, VENOUS GRAFT THROMBOSIS	REDO CABG (ASPIRATION OF THROMBUS FROM RPDA AND RPLB GRAFTS, REDO OF PROXIMAL ANASTAMOSIS OF RPLB GRAFT, REDO OF MAJOR OM AND D2 GRAFTS + ADDITIONAL DISTAL LAD VENOUS GRAFT + RSVG TO RCA (AFTER ENDARTERECTOMY)	DR. JAYAKUMAR K
335	██████	██████████	38	M	27/01/2014	SEV AS, GD LV, SR, NC	AVR # 21 CHVP	DR. VIVEK V. PILLAI
336	██████	██████████	47	M	27/01/2014	CAD, TVD, GD LV, SR, DM, HTN	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR DIAGONAL, MAJOR OM, AM - PDA AND DISTAL RCA)	DR. JAYAKUMAR K

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337	██████	██████████ ██████	37	F	27/01/2014	RHD, SEV MS, MOD MR, MOD PAH, GOOD LV, AF	MVR # 25 CHVP	DR. VARGHESE T.PANICKER
338	██████	██████████	65	M	28/01/2014	CAD, TVD, GD LV, SR, DM, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, AM - RPDA AND RPLB) (D1 PIGGYBACKED ONTO MAJOR OM)	DR. JAYAKUMAR K
339	██████	██████████	49	M	29/01/2014	CAD, TVD, GD LV, SR, HTN, BA	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
340	██████	██████████	56	M	30/01/2014	CAD, TVD, GD LV, SR, HTN, DLP	CABG X 4 GRAFTS (LIMA TO MID - LAD, RSVG TO DISTAL LAD, TERMINAL OM AND RPDA)	DR. JAYAKUMAR K
341	██████	██████████	71	M	31/01/2014	CAD, LMCA + TVD, MILD LVD, SR, DM, HTN, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
342	██████	██████████ ██████████	46	F	04/02/2014	RHD,SEV.MS,MOD MR,MILD TR,MILD- PAH,GD LV,AF,NC	MVR#27CHVP WITH PARTIAL PMLP	DR. VIVEK V. PILLAI
343	██████	██████████	61	F	05/02/2014	RHD, P/ CMV (1997), SEV CAL. MS, MILD MR, MILD TR, MILD TO MOD PAH, GOOD LV, AF, NC	MVR # 27 PM	DR. VARGHESE T.PANICKER
344	██████	██████████	45	M	06/02/2014	CAD, TVD, GOOD LV, SR	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, RPDA AND RPLB)	DR. JAYAKUMAR K
345	██████	██████████	67	M	10/02/2014	CAD, TVD, GDLV, SR, DM ,HTN, DLP	CAD, TVD, GDLV, SR, DM ,HTN, DLP	DR. JAYAKUMAR K
346	██████	██████████	66	M	10/02/2014	CAD, SVD, S/P PCI TO RCA (JUNE 2013), PSEUDANEURYSM OF LV, MOD LV DYSFN, SR, DM, HTN, DLP, CKD	EXCISION OF ANUERYSMAL SAC + DACRON PATCH CLOSURE OF THE NECK OF THE ANEURYSM	DR. JAYAKUMAR K
347	██████	██████████	22	M	11/02/2014	ACHD, OS ASD, GOOD LV, SR, HYPOSPADISIS	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.
348	██████	██████████	65	M	11/02/2014	CAD, TVD, GDLV, SR, HT, DM, DLP	CABG X 5 G(LIMA-LAD,RSVG-D1,D2,MAJ OM,RI,RPDA)	DR. JAYAKUMAR K
349	██████	██████████	46	M	12/02/2014	RHD, SEVMS ,MOD MR, CAD ,DVD, GDLV ,AF, OLDCVA	MVR #27CHVP + PMLP + CABG X 2 GRAFTS (RSVG TO RI & PRE CRUX RCA)	DR. VIVEK V. PILLAI
350	██████	██████████	62	M	13/02/2014	CAD, TVD, MILD LV DYSFUNCTION, SR, HTN, DLP	CABG X 3 GRAFTS (LIMA TO LAD, RSVG TO D2 AND LPDA)	DR. JAYAKUMAR K
351	██████	██████████	51	M	14/02/2014	SEV CAL AS, GDLV, SR, NC, RT INGUINAL HERNIA	AVR# 21 CHVP	DR. VARGHESE T.PANICKER

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352	██████	██████	58	F	24/02/2014	RHD,MOD-SEV MS,SEV MR(S/P CMV 1993),MOD TR,MOD PAH,GDLV,,OLD LT MCA STROKE (2003),S/P SEIZURE DISORDER,AF,NC	MVR # 27 PM + PMLP	DR. VIVEK V. PILLAI
353	██████	██████	58	M	25/02/2014	CAD, TVD, REC ACS, GDLV, SR	CABG X 4 (LIMA-LAD,RSVG-D2,OM2,RPDA)	DR. PRAVEEN VARMA P.K.
354	██████	██████	32	M	26/02/2014	RHD,SEV AR, MOD AS, MOD MS,MOD-SEV MR,MILD PAH,GDLV,AF	DVR(MV #23 CHVP +PMLP;AV #19 SJR)	
355	██████	██████	52	M	28/02/2014	RHD,S/P CMV,SEV RE MS,MOD TR,MOD PAH,FAIR LV,AF,NC	MVR#29 CHVP+PMLP+LA CLOT REMOVAL+TVA #30 MC RING	DR. PRAVEEN VARMA P.K.
356	██████	██████	60	M	03/03/2014	CAD,OLD MI,MILD LVD,TRIVALMR,SR,EPICARDIAL CYST,DM,HTN,DLP	CABG X 5 GRAFTS (LIMA-LAD,RSVG-RI,MAJ OM,PDA,PLB)+EPICARDIAL CYST EXCISION,LV LINEAR PPLICATION(ANTERIOR WALL)	DR. JAYAKUMAR K
357	██████	██████	58	M	03/03/2014	CAD,TVD,GDLV,SR,HTN,DLP	CABG X 5 GRAFTS (LIMA-LAD.RSVG-D1,D2,OM1,RPLB)	DR. JAYAKUMAR K
358	██████	██████	48	M	03/03/2014	CAD,TVD,GDLV,SR,HTN,DLP	CABG X 5 GRAFTS (LIMA-LAD.RSVG-D1,D2,OM1,RPLB)	DR. JAYAKUMAR K
359	██████	██████	65	F	04/03/2014	CAD,TVD,GDLV,SR,HTN,BA	CABG X 4 GRAFTS (LIMA-LAD;RSVG-D1,OM1 & LPDA)(OM1 ENDARTERECTOMY)	DR. JAYAKUMAR K
360	██████	██████	47	M	04/03/2014	CAD,TVD,GDLV,SR,DM	CABG X 5 GR(LIMA TO LAD,RSVG TO D1,OM1,OM2,RPDA)	DR. JAYAKUMAR K
361	██████	██████	23	F	05/03/2014	RHD,SEV MR,MOD SEV AR,SEV TR,SEV PAH,GDLV,SR	DVR(MVR #27 CHVP+PMLP;AVR #19 CHVP)+TVA #28 MC3 RING	DR. VARGHESE T.PANICKER
362	██████	██████	53	M	10/03/2014	RHD,SEV AR,LARGE SOV ANEURYSM ARISING FROM RCA,MOD LV DYSFUNCTION,SR,HTN,NC	AVR # 21 CHVP + SOV ANEURYSM EXCISION AND PRIMARY CLOSURE OF RESIDUAL SAC WITH PTFE PATCH	DR. PRAVEEN VARMA P.K.
363	██████	██████	58	M	10/03/2014	SSI,S/P CABG + AVR,DM,HTN,HYPOTHYROIDISM ,DLP,SR	PECTORALIS MAJOR MYOCUTANEOUS FLAP REPAIR WITH PRIMARY CLOSURE DONE	DR. PRAVEEN VARMA P.K.
364	██████	██████	51	M	11/03/2014	RHD, P/ CMV (1988 & 2002) ,SEV CAL RE-MS, MOD MR, MOD AR, MILD AS, SEV TR, MILD LVD, MOD PAH, AF, NC	DVR (MVR # 27 CHVP + PMLP AND AVR # 21 CHVP) + TV ANNULOPLASTY (WITH # 32 MC3 RING)	DR. PRAVEEN VARMA P.K.

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365	████	████	65	M	12/03/2014	CAD,DVD,RECENT ACS,MILD LVD,SR,DM,DLP,REFORMED SMOKER	CABGX3 GRAFTS,LIMA-LAD,RSVG-DIAG,DISTAL RCA	DR. PRAVEEN VARMA P.K.
366	████	████	55	F	13/03/2014	CAD,LMCA,TVD,REC MI,GDLV,SR.,HTN,DLP	CABG X 5 GRAFTS (LIMA-LAD,RSVG-MAJ DIAG,MAJ OM,PDA,PLB)	DR. JAYAKUMAR K
367	████	██████████ ██████████	57	F	13/03/2014	RHD, P/ CMV (1984 & 1996), SEV RE MS, MILD - MOD TR, SEV PAH, GD LV, SR, NC.	MVR # 23 CHVP (TRANS-SEPTAL + SUPERIOR SEPTAL APPROACH)	DR. VARGHESE T.PANICKER
368	████	██████████	49	F	14/03/2014	RHD, P/ CMV (1985), SEV CALCIFIC RE MS, MOD MR, SEV CALCIFIC AS, MOD AR, MOD PAH, GD LV, AF, NC	DVR (MVR # 27 CHVP + PARTIAL PMLP AND AVR # 17 SJR) + LA CLOT REMOVAL	DR. PRAVEEN VARMA P.K.
369	████	██████████	61	M	17/03/2014	BAV, SEV CAL AS, SEV AR, GD LV, SR, NC, DLP	AVR # 21 CHVP	DR. VIVEK V. PILLAI
370	████	██████████	47	M	18/03/2014	BAV, SEV CALCIFIC AS, MILD AR, ASCENDING AORTIC ANEURYSM, MILD MR, GD LV, SR, NC, DLP	MODIFIED BENTALL'S PROCEDURE (AVR # 25 CHVP + # 26 MM ALBOGRAFT)	DR. JAYAKUMAR K
371	████	██████████	26	M	19/03/2014	RHD, SEV AR, MILD MR, GD LV, SR	MINIMALLY INVASIVE AVR # 21 CHVP (VIA UPPER HEMISTERNOTOMY APPROACH)	DR. VIVEK V. PILLAI
372	████	██████████ ████	59	M	20/03/2014	LA MYXOMA, CAD, DVD, PFO, GD LV, SR, DM, HTN	LA MYXOMA EXCISION (VIA RIGHT ATRIUM) + TANNED PERICARDIAL PATCH CLOSURE OF IAS AND PFO + CABG X 2 GRAFTS (RSVG TO DISTAL LAD AND OM1)	DR. JAYAKUMAR K
373	████	██████████	68	M	21/03/2014	CAD,TVD,GD LV,SR,HTN	CABGX 5 GRAFTS,LIMA-LAD,RSVG-D1,D3,MAJ OM,RPDA	DR. JAYAKUMAR K
374	████	██████████ ████	58	M	25/03/2014	CAD,TVD,FAIRLV,SR,DM,HTN,C OPD	CABGX 3 GRAFTS,LIMA-LAD,RSVG-MAJ OM,PDA	DR. PRAVEEN VARMA P.K.
375	████	██████████	43	M	26/03/2014	BAV SEV AS, SEV AR, SEV LVD 1* BLOCK SR	AVR # 25 CHVP	DR. VIVEK V. PILLAI
376	████	██████████	55	F	27/03/2014	SEV CAL AS,GD LV,SR,NC,BA,DLP	AVR # 19 CHVP	DR. VIVEK V. PILLAI
377	████	██████████	59	M	28/03/2014	CAD,TVD,SEV ISCHEMIC MR, SEV LVD,DM,HTN,DLP,CKD	CABG X 4 GRAFTS (LIMA-LAD, RSVG-RI, MAJ OM, RPDA (PIGGY BACK) + MV REPAIR 26 SJ SADDLE RING ANNULOPLASTY.	DR. VIVEK V. PILLAI

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378	████	██████████	42	M	31/03/2014	RHD, P/ CMV (1996), SEV CAL RE-MS, MILD MR, MOD-SEV AR, MILD AS, SEV TR, SEV PAH, LA CLOT, GOOD LV, AF, NC	DVR (MVR # 27 CHVP + PMLP AND AVR # 19 CHVP) + TV ANNULOPLASTY WITH # 32 MC3 RING + LA CLOT REMOVAL	DR. VARGHESE T.PANICKER
379	████	██████████	3	M	01/04/2014	CCHD, TOF, CONF. PA, DOWNS SYNDROME, MORGAGNI'S HERNIA, SR	TRANS RA-PA ICR (GORETEX PATCH CLOSURE OF LARGE MALALIGNED VASD + INFUNDIBULAR RESECTION)	DR. SABARINATH MENON
380	████	██████████	0	M	02/04/2014	ACHD, SEVERE POST SUBCLAVIAN ARTERY COARCTATION OF AORTA, SUPRAMITRAL MEMBRANE, GD LV, SR	RESECTION AND END-TO-END ANASTAMOSIS OF COA (VIA LEFT POSTEROLATERAL THORACOTOMY)	DR. SABARINATH MENON
381	████	██████████	0	M	03/04/2014	CCHD, DTGA, SMALL SP-VSD, PFO, SEV PAH, SR, 1LR 2CX	ASO + VSD CLOSURE + PFO LEFT OPEN	DR. BAIJU S.DHARAN
382	████	██████████	0	M	07/04/2014	ACHD, BAV, SEV PRE-SUBCLAVIAN ARTERY COA, PDA, FENESTRATED ASD, SEV PAH, GD LV, SR	RESECTION WITH EXTENDED-E-E-A OF COARCTATION + LEFT SUBCLAVIAN ARTERY RE-IMPLANTATION ONTO PROXIMAL DTA	DR. THOMAS MATHEW
383	████	██████████	1	F	07/04/2014	ACHD, DC-VSD, PFO, SEV PAH, CLEFT ATL, SEV TR, GD LV, SR	TRANS RA-PA ICR (GP CLOSURE OF DC-VSD + TV REPAIR) + PFO LEFT OPEN	DR. SABARINATH MENON
384	████	██████████	0	M	09/04/2014	CCHD, D-TGA, INTACT IVS, S/P BAS, PRESERVED LV, SR, 1 LCX 2 R	ASO, ASD MADE RESTRICTIVE	DR. BAIJU S.DHARAN
385	████	██████████	2	M	11/04/2014	ACHD, SA VSD, PFO, MILD PAH, GD LV, SR	GORETEX PATCH CLOSURE OF VSD + DIRECT CLOSURE OF PFO	DR. SABARINATH MENON
386	████	██████████	0	F	16/04/2014	CHB	PPI	DR. THOMAS MATHEW
387	████	██████████	3	M	16/04/2014	ACHD, POSTERIOR ASD, GD LV, SR	TANNED PERICARDIAL PATCH CLOSURE OF ASD	DR. ASHOK KUMAR C J
388	████	██████████	1	M	21/04/2014	ACHD, SA VSD, PFO, SEV PAH, SR	VSD CLOSURE WITH GORETEX PATCH	DR. SABARINATH MENON
389	████	██████████	1	M	22/04/2014	CCHD, TA, PA	PDA INTERRUPTION (WITH PARTIAL STENT RETRIEVAL) + BDGS + ATRIAL SEPTECTOMY + LPA & RPA PLASTY WITH TPP	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
390	██████	███████	3	F	23/04/2014	CCHD, UNBALANCED AVVCD (RASTLIE TYPE C), SEV AVVR, DORV, LARGE INLET VSD, B/L SVC, SR	AVV REPAIR + B/L BDGS	DR. THOMAS MATHEW
391	██████	███████	0	M	23/04/2014	CCHD, PA, VSD, ASD, PDA, SR, H/O CYANOTIC SPELLS	RMBTS # 3.0 MM PTFE TUBE GRAFT + STENTED STERNUM	DR. THOMAS MATHEW
392	██████	███████	0	M	24/04/2014	S/P RMBTS WITH # 3.0 MM PTFE TUBE GRAFT + STENTED STERNUM	RVOT PERFORATION + PDA LIGATION + DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
393	██████	███████	1	F	24/04/2014	ACHD, MALALIGNED VSD, MILD INFUNDIBULAR PS, MODERATE PAH, PDA, SR	ICR (BOVINE PERICARDIAL PATCH CLOSURE OF VSD + PDA LIGATION + INFUNDIBULAR RESECTION)	DR. BAIJU S.DHARAN
394	██████	███████	16	M	25/04/2014	VSD, SEV AR, S/P GP CLOSURE OF VSD + AV REPAIR (09.05.2013), S/P REDO-STERNOTOMY + DEBRIDEMENT OF VEGETATIONS & AORTIC ROOT ABSCESS + AORTIC ROOT REPLACEMENT WITH # 23 AORTIC HOMOGRAFT FOR I.E AND AORTIC ROOT ABSCESS (07.10.2013), S/P REDO-STERNOTOMY + SUPRACORONARY AORTIC REPLACEMENT (DACRON GRAFT) FOR ANEURYSM OF HOMOGRAFT (14.02.02014), WITH RECURRENT INFECTIVE ENDOCARDITIS	REDO-STERNOTOMY + DEBRIDEMENT OF AORTIC VALVE VEGETATIONS, INFECTED DACRON GRAFT & GORTEX PATCH OVER VSD + DIRECT CLOSURE OF VSD + AORTIC ROOT & ASCENDING AORTIC REPLACEMENT WITH # 21 AORTIC HOMOGRAFT	DR. BAIJU S.DHARAN
395	██████	███████	3	M	28/04/2014	CCHD, DILV, D-TGA, SV (LV), TV HYPOPLASIA, MOD - SEV AVVR, GD PA, S/P PA BANDNG + PDA LIGATION, SR	AVV REPAIR (MV ANNULOPLASTY) + BDGS + PA BAND TIGHTENED	DR. THOMAS MATHEW
396	██████	███████	1	M	29/04/2014	CCHD, TOF, VALVULAR PA, PFO, S/P PDA STENTING, NC, SR.	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION) + MONOCUSP RECONSTRUCTION OF PULMONARY VALVE + TAP + PFO CLOSURE	DR. THOMAS MATHEW

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
397	██████	██████████	4	F	30/04/2014	CCHD, TA, RESTRICTIVE VSD, ASD, PDA, LCX FRM RCA, S/P PA BAND (2009), SR	REDO-STERNOTOMY + BDGS	DR. SABARINATH MENON
398	██████	██████████	0	F	30/04/2014	S/P MELBOURNE SHUNT WITH 3.0 MM PTFE GRAFT + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. SABARINATH MENON
399	██████	██████████	1	F	02/05/2014	MALALIGNED SA VSD,SEV PAH,SR.	VSD CLOSURE	DR. SABARINATH MENON
400	██████	██████████	0	M	05/05/2014	CCHD,DTGA,SPVSD,LARGE ASD,LV REGRESSED,SR,1LCX2R	ASO + VSD CLOSURE	DR. BAIJU S.DHARAN
401	██████	██████████	0	F	06/05/2014	ACHD, SA VSD, PDA, MODERATE PAH, SR	PDA LIGATION + DIRECT CLOSURE OF VSD	DR. SABARINATH MENON
402	██████	██████████	0	M	07/05/2014	S/P ASO + VSD CLOSURE + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
403	██████	██████████	12	F	07/05/2014	CCHD, TOF, INF PS, FAIR PA, NC, SR	ICR + RVOT PATCH	DR. SABARINATH MENON
404	██████	██████████	12	F	08/05/2014	ACHD,SA VSD,MOD AR(NCC PERFORATION),SAM, MOD LVOTO,NO PAH,SR	DC OF VSD+SAM EXCISION+ AV REPAIR	DR. THOMAS MATHEW
405	██████	██████████	3	F	09/05/2014	TOF WITH SEV PS,FAIR & CONFLUENT PA,GDLV,SR,VESSEL CROSSING RVOT,RECURRENT SPELLS,CSOM,FTT	TRANS RA PA ICR(INF RESECTION+VSD CLOSURE+MPA PATCH AUGMENTATION+TYSHAK (12) BALLON DILATATION OF PV)	DR. THOMAS MATHEW
406	██████	██████████	15	F	12/05/2014	SS,DC,CTGA,VSD,PA,S/P LMBTS(2001),B/L BDG(2002),MILD AVVR,GOOD VENTRICULAR FN,SR	EXTRACARDIAC FENESTRATED FONTAN(WITH 22 PTFE GRAFT AND 6MM FENESTRATION)	DR. BAIJU S.DHARAN
407	██████	██████████	2	M	13/05/2014	SP VSD, TRIVIAL AR, MOD PAH, SR	GORETEX PATCH CLOSURE OF VSD (TRANS PA)	DR. THOMAS MATHEW
408	██████	██████████	0	M	13/05/2014	CCHD,OBSTRUCTED SCTAPVC,PAPVC OF RUPV,ASD,SEV PAH,GDLV,SR	TAPVC REPAIR(LATERAL APPROACH) + WARDENS PROCEDURE+PFO OPEN	DR. THOMAS MATHEW
409	██████	██████████	0	M	15/05/2014	CCHD,DTGA,MULTIPLE VSD,S/P BAS,PRESERVED LV,SR,1LCX2R	ASOVSD CLOSURE(APICAL EXCLUSION)	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
410	████	██████████	0	F	16/05/2014	CCHD, TOF, FAIR PA ANATOMY, SR, NC, H/O CYANOTIC SPELLS +	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION) + MONOCUSP RECONSTRUCTION OF PV + TAP + LPA PLASTY + PFO MADE RESTRICTIVE	DR. THOMAS MATHEW
411	████	██████████	0	M	18/05/2014	S/P ASO + VSD CLOSURE	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
412	████	██████████	4	F	19/05/2014	ACHD, OS ASD, GD LV, SR	DIRECT CLOSURE OF ASD	DR. ASHOK KUMAR C J
413	████	██████████	0	F	19/05/2014	SEV COA, MID MUSCULAR VSD, OS ASD, MOD PAH, RECTOVAGINAL FISTULA	COA REPAIR(RESECTION AND END TO END ANASTOMOSIS	DR. THOMAS MATHEW
414	████	██████████	0	F	20/05/2014	RASTELLI TYPE A CAVCD, MILD AVVR, MULTIPLE MUSCULAR VSD, SEV PAH, PFO, SR	CAVCD REPAIR (TWO PATCH TECHNIQUE) + DC OF MULTIPLE VSD + PFO LEFT OPEN + STERNUM KEPT STENTED	DR. BAIJU S.DHARAN
415	████	██████████	3	F	21/05/2014	ACHD, SA VSD, SEV INF PS, CONF PA, GDLV, SR, NC, PFO	TRANS RA ICR (PTFE PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION + PFO KEPT OPEN)	DR. THOMAS MATHEW
416	████	██████████	0	M	02/06/2014	CCHD, TA, D-TGA, HYPOPLASTIC ASC AORTA & AORTIC ARCH, SEV POST-SCA COA, PDA, RESTRICTIVE VSD, SR	NORWOOD STAGE I (# 3.5MM PTFE RMBTS + ARCH RECONSTRUCTION WITH BPP + ANASTOMOSIS OF RECONSTRUCTED ASC. AORTA & PA TO PROXIMAL ARCH + ATRIAL SEPTECTOMY + PULMONARY VALVE ANNULOPLASTY)	DR. BAIJU S.DHARAN
417	████	██████████	3	F	03/06/2014	ACHD VSD SEV HYPERKINETIC PAH GD BV FN, SR	GORETEX PATCH CLOSURE OF VSD + PFO LEFT OPEN	DR. SABARINATH MENON
418	████	██████████	6	M	05/06/2014	CCHD, TOF, ADDITIONAL MUSD VSD, CONF PA, SR, NC	ICR (GORETEX PATCH CLOSURE OF VSD + DIRECT CLOSURE OF ADDITIONAL MUSCULAR VSD + INFUNDIBULAR RESECTION) + MONOCUSP RECONSTRUCTION OF PULMONARY VALVE + TAP + PFO LEFT OPEN	DR. SABARINATH MENON
419	████	██████████	0	F	05/06/2014	CCHD, PA, GOOD LV, SR	BDG	DR. SABARINATH MENON
420	████	██████████	0	M	06/06/2014	CCHD, DTGA, DC VSD, MOD PS, MILD MR/TR, PDA, SEV PAH, ADDL MID MUSCULAR VSD, SR, NC	REV PROCEDURE + MV COMMISSUROPLASTY	DR. BAIJU S.DHARAN

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
421	████	██████████	2	M	09/06/2014	ACHD, SAVSD, MOD INF PS, MOD PAH, B/L SVC, GD LV, ICRSR	ICR (GORETEX PATCH CLOSURE OF SA VSD + INFUNDIBULAR RESECTION)	DR. SABARINATH MENON
422	████	██████████	0	M	09/06/2014	CCHD, DORV, MOD PS, SEV PAH, P/ BAS	PA BANDING (23 MM)	DR. SABARINATH MENON
423	████	██████████	2	M	10/06/2014	CCHD, PA, IVS, EBSTENOID TV, SEV TR, ASD, FAIR RV, SR, S/P PDA STENTING	BDG, TV REPAIR (WITH ANNULOPLASTY) + ASD ENLARGEMENT + RVOT PERFORATION + RIGHT REDUCTION ATRIOPLASTY (MERCEDES-BENZ ATRIOPLASTY) + PDA INTERRUPTION	DR. BAIJU S. DHARAN
424	████	██████████	18	F	10/06/2014	SP/ICR FOR TOF WITH SSI (MRSA+)	DEBRIDEMENT AND RESUTURING OF STERNOTOMY WOUND	DR. ASHOK KUMAR C J
425	████	██████████	0	F	11/06/2014	SI, MC, CC-TGA, SP VSD, MILD MS, ASD, SEV PAH, SR	PA BANDING TO # 22 MM	DR. SABARINATH MENON
426	████	██████████	2	M	12/06/2014	SP/BDG+TVREPAIR+ASD ENLARGEMENT+RVOT PERFORATION FOR PA, IVS, EBSTINOID TV, SEV TR	REDOSTERNOTOMY + BPP CLOSURE OF TV WITH 4MM FENESTRATION	DR. BAIJU S. DHARAN
427	████	██████████	2	M	13/06/2014	CCHD, TOF, CONF PA, PDA, SR, NC	TRANS-RA ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION) + PDA LIGATION	DR. SABARINATH MENON
428	████	██████████	0	F	17/06/2014	CCHD, D TGA, SPVSD, SEV PS, GOOD PA, SMALL ASD, PDA, SR	BDG+ ATRIAL SEPTECTOMY	DR. SABARINATH MENON
429	████	██████████	1	F	18/06/2014	CCHD, TOF, CONFL PA, LPA ORIGIN STENOSIS, H/O SPELLS+	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION) + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP + LPA PLASTY WITH BPP + PFO MADE RESTRICTIVE	DR. SABARINATH MENON
430	████	██████████	0	M	19/06/2014	PA, VSD, GOOD PA, PDA, SR, NC	RMBTS #3 MM PTFE GRAFT	DR. BAIJU S. DHARAN
431	████	██████████	0	F	20/06/2014	SS, LC, DTGA, VSD, ASD, PDA, 1L2RCX, PRESERVED LV, MOD TR, SR, DIAPHRAGM EVENTRATION	ASO+VSD CLOSURE+ ASD MADE RESTRICTIVE+PDA INTRUPPTION+ TV REPAIR+ PPLICATION OF EVENTRATION OF RIGHT DIAPHRAGM	DR. BAIJU S. DHARAN
432	████	██████████	3	F	23/06/2014	ACHD, PM VSD, INDIRECT GERBODE DEFECT, MILD - MOD TR, SEV PAH, PFO, SR, NC	GORETEX PATCH CLOSURE OF VSD + TV REPAIR + PFO LEFT OPEN	DR. SABARINATH MENON

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
433	██████	██████████ ██████████	1	F	23/06/2014	ACHD, SA VSD, SEV PAH, SR, NC	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION)	DR. SABARINATH MENON
434	██████	██████████	2	M	24/06/2014	CCHD,TOF,ABSENT LPA, APCOLLATERAL CONTINUES AS LPA,NC,SR	UNIFOCALIZATION OF AP COLLATERAL + ICR(GORTEX PATCH CLOSURE OF SA VSD + TAP+ MONOCUSP RECONSTRUCTION OF RVOT + TPP RECONSTRUCTION OF LPA)	DR. BAIJU S.DHARAN
435	██████	██████████ ██████████	8	M	25/06/2014	CCHD, PA, VSD, S/P RMBTS (2006), LPA ORIGIN STENOSIS, CONF 'PA, PDA, SR, SINGLE CORONARY (LAD FROM RCA AND CROSSING RVOT)	RMBTS TAKEDOWN + ICR (GORETEX PATCH CLOSURE OF VSD + INDUNFIBULAR RESECTION) + RV-PA CONDUIT WITH # 23 PULMONARY HOMOGRAFT + LPA & CONFLUENCE PLASTY WITH TPP + PFO LEFT OPEN	DR. BAIJU S.DHARAN
436	██████	██████████	0	M	26/06/2014	CCHD, DORV, SA VSD, SEV PS, CONF PA, SR, RCA FROM LAD - CROSSING RVOT	BDGS + ATRIAL SEPTECTOMY	DR. SABARINATH MENON
437	██████	██████████	3	M	27/06/2014	ACHD, PM VSD, MILD INFUNDIBULAR PS, SEV PAH, PFO, SR, DUAL LAD (LAD FROM RCA CROSSING RVOT)	ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION) + PFO LEFT OPEN	DR. BAIJU S.DHARAN
438	██████	██████████	0	F	27/06/2014	ACHD, SEV POST SCA COA, BAV,ASD, SEV PAH, GD VENT FN, SR, NC, LEFT NON-FUNCTIONING KIDNEY	RESECTION AND END-TO-END ANASTOMOSIS OF COA (VIA LEFT POSTEROLATERAL THORACOTOMY)	DR. BAIJU S.DHARAN
439	██████	██████████ ██████████	0	F	30/06/2014	CCHD,DORV,SP VSD, SEV SV PS,ASD,PDA, B/L SVC,SR, 1LCX2R	ASO+VSD CLOSR+LVOT RESECTN, PFO LEFT OPEN.	DR. BAIJU S.DHARAN
440	██████	██████████	62	M	01/07/2014	CAD, TVD, LMCA, S/P PTCA TO LAD (2000), LCX(2005), GD LV, SR, HTN	CABG X 5 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, RPDA AND RPLB)	DR. JAYAKUMAR K
441	██████	██████████	61	F	22/07/2014	P/ CABG WITH STERNOTOMY WOUND SSI WITH STERNAL INSTABILITY	BILATERAL PECTORALIS MAJOR MYOCUTANEOUS FLAP	DR. VIVEK V. PILLAI
442	██████	██████████	50	M	24/07/2014	SEV CALCIFIC AS,MILD AR,MOD LVD,SR,NC	AVR (# 21 CHVP)	DR. BINEESH K.R.
443	██████	██████████	58	M	30/07/2014	BAV,SEVCALCIFIC AS,CON LVH,GDLV,SR	AVR# 19PM	DR. BINEESH K.R.

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
444	██████	██████████	29	F	31/07/2014	P/ STAGED HYBRID REPAIR (CAROTID-CAROTID BYPASS + TEVAR) + SUPRACORONARY ASCENDING AORTIC REPLACEMENT WITH AV RESUSPENSION, SR, HTN , WITH PACING WIRE SITE SSI	EXPLORATION + REMOVAL OF PACING WIRE	DR. BINEESH K.R.
445	██████	██████████	70	M	01/08/2014	MVP OF PML,CLEFT P2 SEG,SEV MR,CHB,GDLV,NC	MVR# 29 PM +TOTAL CHORDAL PRESERVATION+PPI(CAPSURE MEDITRONICS)	DR. BINEESH K.R.
446	██████	██████████	72	M	01/08/2014	CAD, TVD, GDLV, SR, HTN	CABG X 6 GRAFTS (LIMA- LAD, RSVG- MAJOR OM, D-1, D-2 ,RI AND LPLB)(DIAGONAL-2 PIGGY BACKED TO DIAGONAL-1)	DR. JAYAKUMAR K
447	██████	██████████	68	F	04/08/2014	CAD,DVD, MOD- SEV LV DYSFUNCTION, RV DYSFUNCTION,SR, LV TRUE ANEURYSM	CABGX 1 GRAFT (RSVG- RCA (ENDARTERECTOMY))+ LV ANEURYSM EXCISION AND LV REPAIR	DR. JAYAKUMAR K
448	██████	██████████	58	M	04/08/2014	CAD TVD GDLV SR DM HTN DLP	CABG X 6 GRAFTS (LIMA-LAD, RSVG- D1, D2, MAJ OM, RPDA, RPLB (D1 PIGGY BACKED TO OM1)	DR. JAYAKUMAR K
449	██████	██████████	76	M	05/08/2014	CAD,TVD,GDLV,SR,HTN,DLP	CABG X 4 GRAFTS (LIMA-LAD,RSVG TO OM1, OM2, AC.MARGINAL)	DR. JAYAKUMAR K
450	██████	██████████	63	M	06/08/2014	CAD TVD FAIR LV DM HTN DLP	CABG X 5 GRAFT(LIMA-LAD,RSVG-MAJ DIAG,OM2,TERMINAL OM, PDA)	DR. JAYAKUMAR K
451	██████	██████████	36	F	07/08/2014	RHD SEV MS, SEV MR,MOD PAH, MOD PAH,GDLV, AF.	MVR # 33 SJM + PMLP + TVA# 32 MC3 RING	DR. ASHOK KUMAR C J
452	██████	██████████	60	M	08/08/2014	SEV AS,MILD AR,GDLV,HTN,SR	AVR# 23 PM	DR. VARGHESE T.PANICKER
453	██████	██████████	73	M	11/08/2014	CAD, TVD, GDLV, SR, HTN, DM, COPD	CBG X 4 GRAFTS (LIMA-LAD, RSVG- MEDIAL BR OF 1 DIAGONAL, RPDA & RPLB)	DR. JAYAKUMAR K
454	██████	██████████	47	M	11/08/2014	RHD,SEV AR,SEV MR,MILD MS,SEV TR, SEV PAH, AF,DM	DVRMVR# 29 CHVP WITH PMLP + AVR# 23 CHVP + TV ANNULOPLASTY # 30 MC3 RING + RAA CLOT REMOVAL	DR. VARGHESE T.PANICKER
455	██████	██████████	52	M	12/08/2014	BAV, SEV. CAL AS,CAD, DVD, GOOD LV, SR, DM	AVR # 19 CHVP + CABG X 2 GRAFT (RSVG- LAD,RPLB)	DR. VIVEK V. PILLAI

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
456	██████	██████	53	M	12/08/2014	MVP,SEV MR,GDLV,SR,NC,HTN	MV REPAIR-QUADRANGULAR RESECTION OF P2 + P2 -A2 SEGMENT CHORDAL TRANSFER + MVA #33 SJ TAILOR RING.	DR. PRAVEEN VARMA P.K.
457	██████	██████████	60	M	13/08/2014	CAD, DVD, LVD, COPD, DM, HTN, SR	CABG X 4 GRAFTS (LIMA- PROX LAD , RSVG - DISTAL LAD, D1 & RPDA)	DR. VIVEK V. PILLAI
458	██████	██████████	58	M	14/08/2014	CAD, RECENT AWMI, GDLV, SRBPH, LT INGUINAL HERNIA,TIA (OLD)	CABG X 3 GRAFTS (LIMA- LAD, RSVG- RI & RPDA)	DR. JAYAKUMAR K
459	██████	██████	65	F	18/08/2014	RHD,SEV MS,MOD MR,MOD-SEV PAH,MOD TRFAIR LV,SEV RV DYSFUNCTION,AF,NC,HTN,H/O CVA	MVR 25#CHVP+PARTIAL PMLP	DR. PRAVEEN VARMA P.K.
460	██████	██████	30	F	19/08/2014	RHD,S/P MV REPAIR(2004),SEV MR,MILD AR,MILD PAH,GDLV,AF	REDOSTERNOTOMY +MVR # 25CHVP +PMLP	DR. PRAVEEN VARMA P.K.
461	██████	██████████	52	M	20/08/2014	SEV CAL AS CONC LVH CAD DVD GDLV SR	AVR+CABG X 2 GRAFT(AVR#21 CHVP+ RSVG- D1,D2(D2 PIGGYBACKED TO D1))	DR. PRAVEEN VARMA P.K.
462	██████	██████████	32	M	21/08/2014	RHD, SEV AR,SEV CAL AS,MOD MS,GDLV,SR,HTN	DVR(AVR # 27CHVP+ MVR# 27CHVP+PMLP)	DR. PRAVEEN VARMA P.K.
463	██████	██████	52	M	22/08/2014	CAD,TVD,SEV LVD,SR,DM,HTN,DLP	CABG X 5 GRAFT(LIMA-LAD, RSVG-D1,OM1, TERMINAL OM,RPDA)(TERMINAL OM PIGGY BACKED TO D1) + DISTAL LAD VEIN PLASTY	DR. PRAVEEN VARMA P.K.
464	██████	██████	51	M	25/08/2014	CAD,DVD, PERFORATED AML, SEV MR,IE,SEV PAH,GDLV,AF.	MV REPAIR (SUPERIOR SEPTAL APPROACH) TPPREPAIR OF AML (A1) PERFORATION + MVA #28 SADDLE RING+ CABG X 1 GRAFT(RSVG- LAD)	DR. VARGHESE T.PANICKER
465	██████	██████████	61	F	26/08/2014	RHD, P/ CMV (1994), SEV RE-MS, SEV MR, MILD TR, MOD PAH, MILD LV DYSFUNCTION, AF, NC	MVR # 25 PM + PARTIAL PMLP	DR. VIVEK V. PILLAI
466	██████	██████████	52	M	27/08/2014	SEV CAL AS, MILD AR, GOOD LV, SR, NC	AVR#23 CHVP	DR. VARGHESE T.PANICKER
467	██████	██████████	66	M	27/08/2014	CAD, LMCA + DVD, FAIR LV,SR, DM, DLP	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO MAJOR DIAGONAL, RI AND TERMINAL OM)	DR. JAYAKUMAR K
468	██████	██████████	42	M	28/08/2014	CAD,TVD,GDLV,SR,HTN,DLP	CABG X 6 GRAFTS(LIMA-LAD,RSVG-D1,BOTH BRANCHES OF OM1,RPDA,RPLB) + LEFT DIAPHRAMATIC PPLICATION	DR. VIVEK V. PILLAI

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
469	██████	██████ ██████	1	M	01/09/2014	CCHD, TOF, SEV INF PS, CONF PA,PFO, SR, NC	ICR (GP CLOSURE OF VSD) + RVOT PATCH PLAST + PFO LEFT OPEN	DR. SABARINATH MENON
470	██████	██████	4	M	02/09/2014	CCHD, TOF, CONF PA, DUAL LAD - LAD ARISING FROM RCA CROSSING BELOW RVOT, PDA, SR	TRANS RA ICR (GORETEX PATCH CLOSURE OF VSD + INFUNDIBULAR RESECTION)	DR. THOMAS MATHEW
471	██████	██████	0	M	03/09/2014	SUPRAMITRAL MEMBRANE, SEV MS, SEV PAH, SEV RV DYSFUNCTION, SR	SUPRAMITRAL MEMBRANE EXCISION + EXCISION OF SEPTATION IN LEFT ATRIUM (VIA TRANS-SEPTAL APPROACH) + TANNED PERICARDIAL PATCH CLOSURE OF ASD + PFO LEFT OPEN	DR. THOMAS MATHEW
472	██████	██████	0	F	03/09/2014	S/P ICR, STENTED STERNUM	DSC	DR. THOMAS MATHEW
473	██████	██████	1	F	03/09/2014	CCHD, TOF, CONF PA, SR, NC, RIGHT ARCH, H/O SPELLS +	ICR (GORETEX PATCH CLOSURE OF MALALIGNED VSD + INFUNDIBULAR RESECTION + PULMONARY VALVE COMMISSUROTOMY) + RVOT PATCH PLASTY	DR. THOMAS MATHEW
474	██████	██████ ██████	10	M	03/09/2014	ACHD, OS ASD, MILD PS, SR	TPP CLOSURE OF OS ASD+ PV INSPECTION	DR. ASHOK KUMAR C J
475	██████	██████ ██████	0	M	04/09/2014	S/P ASO + STENTED STERNUM FOR D-TGA,INTACT IVS,S/P BAS	DELAYED STERNAL CLOSURE	DR. BAIJU S.DHARAN
476	██████	██████ ██████	0	F	05/09/2014	CCHD, TOF, CONF PA, LPA STENOSIS, ASD, SR, NC	ICR + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP + LPA PLASTY +ASD CLOSURE (WITH BOVINE PERICARDIAL PATCH) + PFO OPEN	DR. SABARINATH MENON
477	██████	██████ ██████	0	F	07/09/2014	S/P ICR + MONOCUSP RECONSTRUCTION OF RVOT VALVE + TAP + LPA PLASTY FOR TOF WITH STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
478	██████	██████	3	M	08/09/2014	TOF,FAIR CONF PA,STATIC ENCEPHALOPATHY,SR,NC	ICR+RVOT PATCH+ MPA PATCH	DR. THOMAS MATHEW
479	██████	██████	1	F	09/09/2014	RASTELLETYPE ACAVCD, SEV PAH, MILD RAVVR, CLEFT AML, PFO, SR, NC	CAVCD REPAIR (DOUBLE PATCH TECHNIQUE) + PFO OPEN	DR. SABARINATH MENON

S. No	H. No	NAME	AGE	SEX	DOS	DIAGNOSIS	PROCEDURE	SURGEON
480	██████	██████	7	M	10/09/2014	ACHD, PARTIAL AVCD, CLEFT AML, SEV MR, MOD TR, PFO, SEV PAH, SR+ ATRIAL ECTOPICS	PAVCD REPAIR (CLEFT AML REPAIR + MV ANNULOPLASTY + TPP CLOSURE OF OPASD + TV REPAIR) + PFO MADE RESTRICTIVE	DR. BAIJU S. DHARAN
481	██████	██████	32	M	17/09/2014	HETEROTAXY SYNDROME, LAI, DORV, SEV PS, CAVCD (RASTELLI TYPE C), SEV AV-VR, CA, UNROOFED CS, INTERRUPTED IVC, HEPATIC VEINS TO CA, B/L SVC, PDA, AF	ICR (GP CLOSURE OF VSD + INFUNDIBULAR RESECTION) + RVOT PATCH + CAVCD REPAIR + B/L AV - VALVE REPAIR + ATRIAL SEPTATION (WITH TPP & BPP) + INTRACARDIAC BAFFLING OF LSVC TO RA	DR. BAIJU S. DHARAN
482	██████	██████	1	F	18/09/2014	S/P VSD CLOSURE + MV REPAIR + STENTED STERNUM	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
483	██████	██████	32	M	18/09/2014	P/ ICR, BLEEDING	RE-EXPLORATION AND HEMOSTASIS	DR. THOMAS MATHEW
484	██████	██████	4	M	19/09/2014	CCHD, TOF, CONF PA, SR, NC	ICR + MONOCUSP RECONST' OF RVOT + TAP + PFO LEFT OPEN	DR. SABARINATH MENON
485	██████	██████	1	M	20/09/2014	P/ ICR, MEDIASTITIS	STERNAL AND WOUND DEBRIDEMENT + RESUTURING	DR. SABARINATH MENON
486	██████	██████	3	F	22/09/2014	SA VSD, M/M VSD, PARACHUTE MV, P/ PA BAND + COA REPAIR (2012)	FAILED BI-VENTRICULAR REPAIR Æ VSD ENLARGEMENT + ATRIAL SEPTECTOMY + MPA CLOSURE WITH FENESTRATED BPP + BDGS	DR. BAIJU S. DHARAN
487	██████	██████	20	M	23/09/2014	DORV, SA VSD, PS, P/ BDGS (2007), SINGLE CORONARY	1.5 VENTRICULAR REPAIR WITH RV Æ PA # 25 AORTIC HOMOGRAFT CONDUIT	DR. THOMAS MATHEW
488	██████	██████	3	F	25/09/2014	P/ VSD ENLARGEMENT + BDGS	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
489	██████	██████	2	M	26/09/2014	CCHD, TOF, CONF PA, LPA STENOSIS, SR, NC	ICR + MONOCUSP + TAP + LPA PLASTY + PFO CLOSED	DR. THOMAS MATHEW
490	██████	██████	1	F	29/09/2014	CAVCD, SEV AVVR, SEV PAH, SR, DOWN'S SYNDROME	CAVCD REPAIR (TWO-PATCH TECHNIQUE)	DR. BAIJU S. DHARAN
491	██████	██████	7	M	01/10/2014	D-TGA, INTACT IVS, ASD, SEV PS, ECTATIC CORONARIES, SR	BDGS	DR. SABARINATH MENON