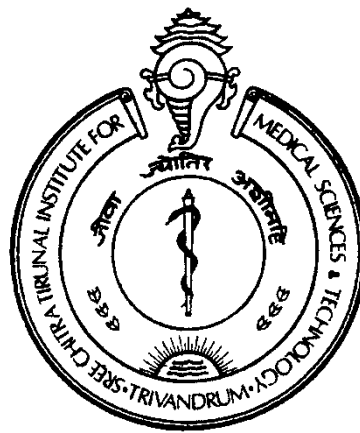


**SREE CHITRA TIRUNAL INSTITUTE FOR  
MEDICAL SCIENCES AND TECHNOLOGY**

Thiruvananthapuram – 695011, India



**WORK RECORD**

**Name : DR. A. MOHAMMED IDHREES**

**Course : MCh**

**Discipline : CARDIO VASCULAR AND THORACIC SURGERY**

**Year of Study : Jan 2012 – Dec 2014**

# CERTIFICATE

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

Place: Thiruvananthapuram

Signature :

Date :

Name : Dr. A. Mohammed Idhrees

**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  
AND  
PROCEDURES ASSISTED**

## PRODECURES PERFORMED

OS ASD CLOSURE	7
WARDEN'S PROCEDURE FOR SV ASD	1
DOUBLE PATCH REPAIR FOR SVASD	2
MITRAL VALVE REPLACEMENT	1

**PROCEDURES ASSISTED: ADULT CARDIAC SURGERY & THORACIC**

<b>CORONARY PROCEDURES</b>		<b>181</b>
CABG.....	164	
CABG + ICR.....	1	
CABG + Endarterectomy.....	6	
CABG + Linear Plication.....	3	
OPCABG.....	7	
<b>AORTIC VALVE PROCEDURES</b>		<b>27</b>
AVR.....	21	
AVR + Aortoplasty.....	4	
AVR + SAM Excision.....	1	
AVR + SOV Repair.....	1	
<b>MITRAL VALVE PROCEDURES</b>		<b>59</b>
MVR.....	41	
MV Repair.....	6	
MVR + TV repair.....	10	
MVR + VSD closure.....	2	
<b>AORTIC AND MITRAL VALVE PRODECURES</b>		<b>23</b>
DVR .....	10	
AVR + MV repair.....	7	
DVR + TVA.....	5	
DVR + Aorotplasty.....	1	
<b>CORONARY AND VALVULAR PROCEDURES</b>		<b>12</b>
CABG + AVR.....	7	
CABG + MVR / MV repair.....	5	
<b>ASCENDING AORTIC PROCEDURES</b>		<b>15</b>
Bentall.....	8	
SCAAR+ AVR.....	1	
SCAAR.....	4	
SCAAR + Aortocoronary-bypass.....	2	
<b>Pulmonary Thromboendarterectomy</b>		<b>1</b>
<b>LA myxoma</b>		<b>1</b>
<b>Konno Raston</b>		<b>1</b>
<b>Left lobectomy</b>		<b>1</b>
<b>Pericardectomy</b>		<b>1</b>

## PROCEDURES ASSISTED: CONGENITAL CARDIAC SURGERY

<b>ARTERIAL SWITCH OPERATION</b>		<b>9</b>
ASO.....	1	
ASO + VSD Closure.....	6	
ASO + Arch Repair.....	1	
ASO + PA Plasty.....	1	
<b>BDG</b>		<b>7</b>
<b>COA</b>		<b>5</b>
<b>TCPC</b>		<b>2</b>
<b>TOF PHYSIOLOGY</b>		<b>36</b>
VSD-PS.....	6	
TOF.....	25	
DORV.....	5	
<b>PA BAND</b>		<b>2</b>
<b>PDA LIGATION</b>		<b>4</b>
<b>TAPVC</b>		<b>10</b>
<b>VSD</b>		<b>21</b>
VSD + AR.....	2	
VSD + RSOV Repair.....	1	
VSD + TV Repair.....	1	
VSD + MV Repair.....	1	
<b>OS ASD</b>		<b>32</b>
<b>SV ASD</b>		<b>8</b>
Double Patch Repair.....	3	
Warden's Procedure.....	5	
<b>AVCD REPAIR</b>		<b>3</b>
<b>DOTY'S REPAIR FOR SUPRAVALVULAR AORTIC STENOSIS</b>		<b>1</b>
<b>CONE REPAIR FOR EBSTIEN'S ANOMALY</b>		<b>1</b>
<b>UNIFOCALISATION OF MAPCAs</b>		<b>2</b>
<b>LCA TRANSLOCATION FOR ALCAPA</b>		<b>1</b>
<b>INTERPUTTED AORTIC ARCH</b>		<b>1</b>
<b>BT SHUNT / MELBORNE SHUNT</b>		<b>10</b>
<b>AORTIC VAVLE REPAIR</b>		<b>1</b>

## PROCEDURES ASSISTED: MISCELLANEOUS

<b>STERNAL WIRE REMOVAL</b>	<b>4</b>
<b>AV FISTULA</b>	<b>1</b>
<b>DELAYED STERNAL CLOSURE</b>	<b>7</b>
<b>PE DRAINAGE</b>	<b>3</b>
<b>WOND DEBRIDMENT AND SUTURING</b>	<b>6</b>
<b>PA LINE REMOVAL</b>	<b>7</b>
<b>EPICARDIAL LEAD PLACEMENT</b>	<b>2</b>
<b>EXPLOROTOMY LAPROTOMY + CHOLECYSTECTOMY</b>	<b>1</b>
<b>REXPLORATION</b>	<b>4</b>
<b>PPI</b>	<b>1</b>
<b>PG EXPLANTAION</b>	<b>1</b>
<b>SSG</b>	<b>1</b>
<b>HOMOGRAFT HARVEST &amp; TRIMMING</b>	<b>5</b>
<b>ENDOCARDIAL LEAD PERFORATION - EXPLORATION</b>	<b>1</b>

**CONFERENCE / CME ATTENDED**  
**PAPER PRESENTATION**  
**PUBLICATIONS**

## **CONFERENCE ATTENDED**

**IACTSCON 2014** : The 60th Annual National Conference of the Indian Association of Cardiovascular and Thoracic Surgeons

**APPC 2014**: The 5<sup>th</sup> congress of Asia pacific Pediatric cardiac society

## **CME ATTENEDED**

**CTCME 2014** : Midterm Cardiac CME by Indian Association of Cardiovascular and Thoracic Surgeons

## **PAPER PRESENTATION**

### **Oral Presentation**

IACTSCON 2014 : *“ALCAPA in adolescents and adults : Our experience in in 13 years”*

APPC 2014 : *“Use of fluorescein dye to identify multiple ventricular septal defects : our experience”*

## Poster Presentation

IACTSCON 2014 : “*A case of Rheumatic mitral stenosis with ventricular septal defect with anomalous origin of right coronary artery from left sinus*”

## PUBLICATIONS

Thomas Mathew, Simran Kundan, **Mohammed Idhrees**, Sabrinath Menon, Baiju S Dharan, K.Jayakumar. *Multiple Muscular Ventricular Septal Defects: Use of Fluorescein Dye to Identify Residual Defects. Annals of Thoracic Surgery*. Jan 2014; 97 (1) e27-e28.

Bineesh K Radhakrishnan, **Mohammed Idhrees**, Sujith Devarajan, Varghese T Panicker, Vivek V.Pillai, Praveen K. Varma, Jayakumar Karunakaran. *Primary Modified Bentall's Procedure in a Case of Laubry-Pezzi Syndrome. Annals of Thoracic Surgery*. Oct 2014; 98 (4) 1445-1447.

# **INTERESTING CASES**

<b>Case 1</b>	<b>VSD + ASCENDING AORTIC ANEURYSM</b>
<b>Case 2</b>	<b>ICR IN A CASE OF TOF WITH ISOLATED LEFT CAROTID ARTERY FORM LEFT PULMONARY ARTERY</b>
<b>Case 3</b>	<b>RHEUMATIC MITRAL STENOSIS WITH VSD WITH ANOMALOUS ORIGIN OF RCA FROM LEFT SINUS</b>
<b>Case 4</b>	<b>VALVE IN VALVE : MVR WITH TOTAL CHORDAL PRESERVATION IN A CASE OF MITRAL ANNULUAR CALCIFICATION</b>
<b>Case 5</b>	<b>TUBERCULOSIS CONSTRICTIVE PERICARDITIS</b>
<b>Case 6</b>	<b>PULMONARY THROMBOENDARTERECTOMY</b>
<b>Case 7</b>	<b>UNIFOCALISATION WITH RV-PA CONDUIT IN A CASE OF VSD, PA</b>
<b>Case 8</b>	<b>CORONARY REVASCULARISATION IN PROCELIN AORTA</b>
<b>Case 9</b>	<b>LCA TRANSLOCATION IN ALCAPA</b>
<b>Case 10</b>	<b>SUPRA VALVULAR AORTIC STENOSIS - DOTY'S REPAIR</b>

**CASE 1 : VSD + ASCENDING AORTIC ANEURYSM****Diagnosis:**

SA VSD, Severe AR, Moderate AS, PDA, Ascending Aortic Aneurysm

**Procedure:**

Bentall's Procedure (#29 CHVP + 30 Albograft) +Direct VSD Closure & PDA Interruption

**History:**

33year old male, presented with h/o dyspnoea on exertion (DOE) for 10months presently FC-III. Also c/o palpitation on exertion. No H/o suggestion of congestive cardiac failure. No H/o cyanosis or any neurological deficit. He was on irregular medical treatment for his DOE for last 6 months.

**Physical Examination:**

Oriented, alert & co-operative. Pulse: 82/min. BP: 136/84mmHg. RR: 20/min. No pallor/icterus/cyanosis/pedal edema

CVS : Hyperactive precordium, Apex in 7th left intercoastal space in midclavicular line. S1, S2 present, 3/6 PSM in Aortic area

RS - lungs clear. CNS - No sensory motor deficit. PA- Soft, no hepatomegaly.

**Investigations:**

*Blood Investigation* : Blood gp:A+; Viral Serology: -ve; Hb 12.8 gm/100 ml; PCV 30.5 %; TC11400 cells/c mm ; (P<sub>56</sub> L<sub>33</sub> E<sub>11</sub>); ESR 08 mm/hr; INR 1.59 ; RBS 95 mg%; BUN 23 mg%; Creatinine 1.70 mg/dL; LFT: WNL.

*CXR*: Cardiomegaly, CTR 0.77;

*ECG*: SR at 80bpm, LV hypertrophy with strain pattern present

*ECHO*: LV- 95/74, Septum 15/17, Posterior wall 20/22, EF- 44%, AV trileaflet, RCC prolapse into RVOT, through VSD (large subortic VSD) with L->R shunt (VSD IVG = 110mmHg), RVOT gradient

= 30mmHg, 2mm PDA with L-->R shunt, Moderate LV dysfunction, Dilated pulmonary artery, Pan diastolic flow reversal in DTA, MR 1+, AR 4+, TR 2+, PR 2-3+.

*CT Chest:* Ascending aortic dilation of 59 x 54 cm extending upto the origin of the innominate artery

### **Surgical Findings:**

- \*Mild pericardial effusion, Mild inflammatory changes
- \*Cardiomegaly, Hugely dilated LV. RA and RV dilated.
- \*Normal coronary origin and course, Normal systemic and pulmonary venous drainage.
- \*Large Sub aortic VSD of 5x 4 cm almost closed by RCC.
- \*Dilated MPA and branch PA.
- \* Aneurysm of ascending aorta extending upto the origin of arch vessels
- \*PDA of 5mm length and 6mm diameter

### **Surgical Procedure:**

- \*Moderate Hypothermic cardiac arrest
- \*PDA interruption through the pulmonary artery
- \*Direct closure of the VSD by Yacoub's Technique with reconstruction of the ascending aorta by Bentall's procedure using composite graft (#29 CHVP + 30 Albograft)

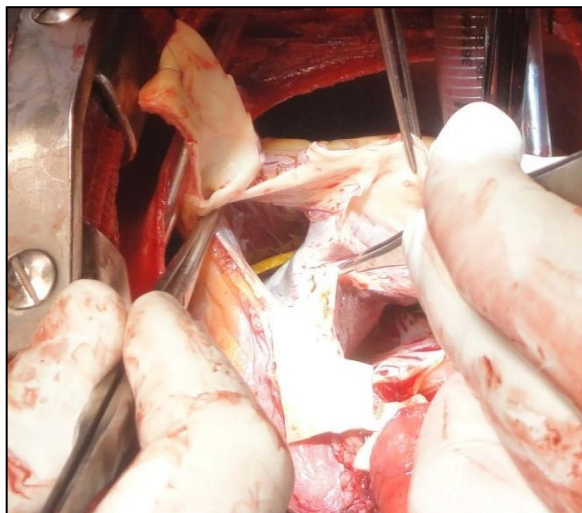
### **Investigations Prior To Discharge:**

Hb: 10.6g%, BUN: 42 mg%, Cr: 1.2 mg %;PT INR . ECG: SR, no fresh changes.

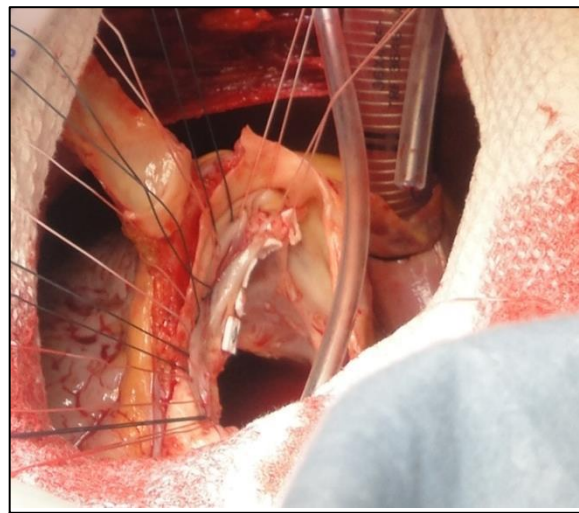
*ECHO:* LV 59/50, LA 51, Aorta 36, No Clot/ PE. No residual VSD, Subvalvar PS, EF 36%, Mod LV dysfunction, MR1+ TR-1+, PR-2+; CXR: No pneumothorax, collection.



**Figure 1.1: CT showing the ascending aortic aneurysm and PDA**



**Figure 1.2: Intraoperative picture showing the VSD viewed through the aorta**



**Figure 1.3: VSD being closed by Yacoub's technique**

**CASE 2 : ICR IN A CASE OF TOF WITH ISOLATED LEFT CAROTID ARTERY FORM LEFT PULMONARY ARTERY****Diagnosis:**

CCHD, TOF, Good Confluent PA, Left ICA from LPA,SR

**Procedure:**

ICR + TAP + Monocusp reconstruction of RVOT + Reimplantation of left ICA to left ECA

**History:**

21years old female, h/o dyspnoea & dyspnea on exertion since 3years of age. She was detected to have CHD at 3years of age. No h/o cyanosis. No h/o orthopnea/PND. No h/o suggestive of heart failure. H/o recurrent RTI present. No h/o seizures/brain absences.

**Physical Examination:**

Conscious, oriented, co-operative, afebrile. Cyanosis present. Minimal clubbing (+).PR : 88/min-regular good volume. Weight: 29kg. SpO2: 95%. All peripheral pulses felt equal & B/L. BP: 91/64 (72)mmHg

CVS - No precordial bulge. S1 S2 (+) Ejection systolic murmur in pulmonary area radiating to back and neck area

RS- B/L AEE, NVBS. CNS - clinically normal. P/A - soft, no organomegaly.

**Investigations:**

*CXR*: scoliosis (+), increased BV markings, cardiomegaly (+)

*ECG*: sinus rhythm @ 75%, RVH (+) QRS tall on chest leads V1,V2,V3

*ECHO*: LV- 32/21, septal motion normal, EF- 70%, AV normal, LA 25, aorta 30, MV normal, SS/LC, AV-VA concordance (+), SVC/IVC to RA, All PV to LA, large SAVSD, no additional VSD, confluent PAS, collateral to LPA (+), no CoA

*DSA* : TOF with PDA with Lt ICA origin from Lt PA with multiple aberrant vessels

*CT Angio* : Lt ICA stenotic origin from LPA. Left ECA from Rt sided aortic arch. Retroesophageal course of Lt subclavian artery

**Surgical Findings:**

\*SS, LC, NRG, IAS intact

\*RV hypertrophic with prominent parietal bands, Severe RVOTO, severe Infundibular stenosis and valvular stenosis present.

\*Bicuspid pulmonary valve and 60% Aortic override present

\*Long SA VSD (3x3cm)

\*Branch PAs origin normal. LPA dilated

\*Left ICA arising from the proximal portion of LPA. Left ECA from right aortic arch

**Surgical Procedure:**

\*Before instituting CPB, side to side anastomosis of the Left ICA to the Left ECA, and ligation of the entry of ICA to PA

\*Moderate hypothermic cardiac arrest

\*ICR - PFTE patch closure of VSD, Monocusp valve reconstruction of the RVOT, TAP with native tanned pericardium

**Investigations prior to discharge:**

*ECG*: SR. *CXR*: B/L lung fields clear, no pneumothorax, no effusion.

*ECHO*: No VSD / RVOT obstruction/ moderate PR Arch, vessels no obstruction

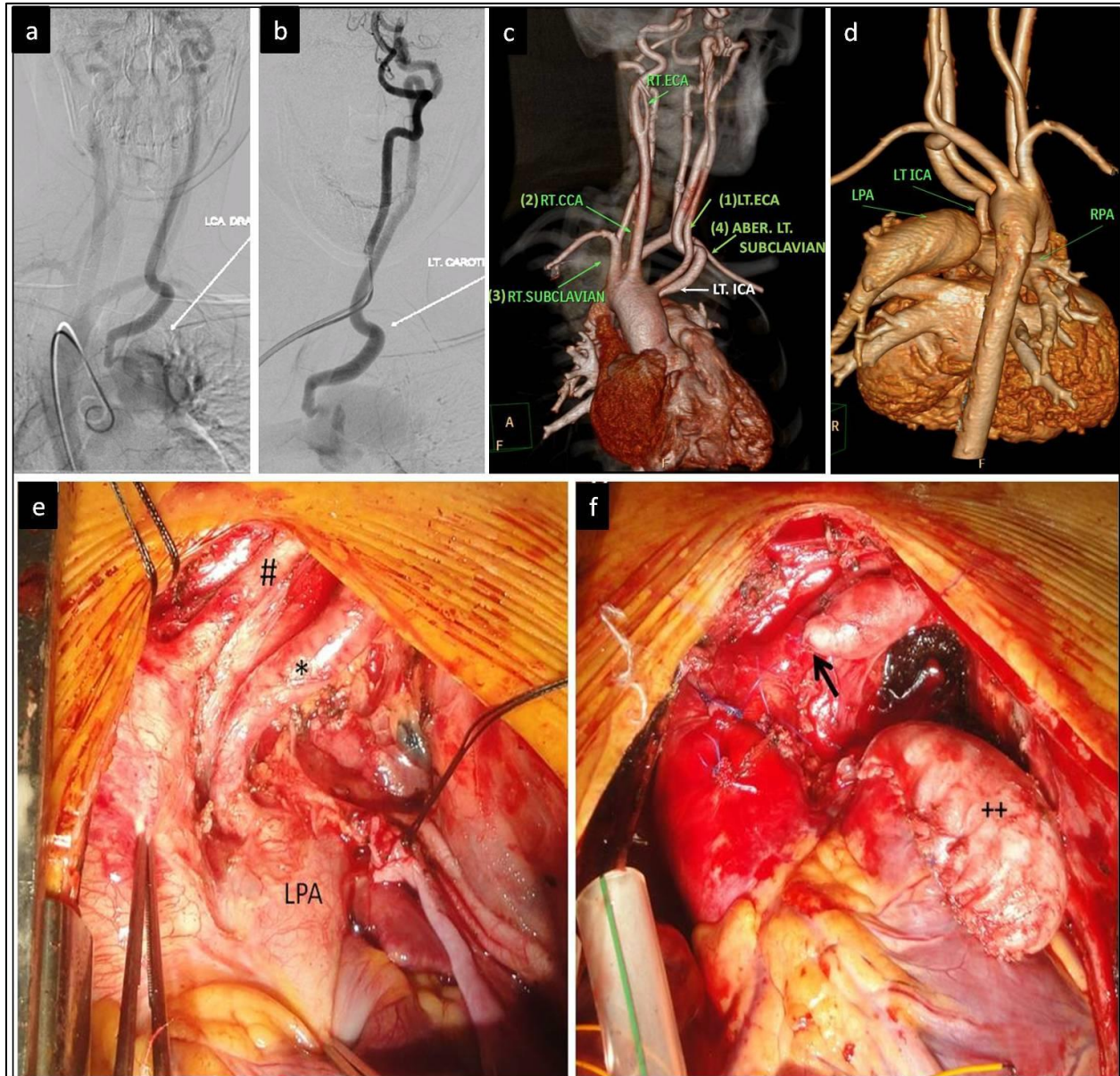


Figure 2.0-1 : (a)Aortic angiogram showed the arch vessels (b) Selective angiogram of the Rt.ICA, filling the Lt. ICA retrogradely through intracranial collaterals and draining into the Lt. PA (c) CT angiogram showing Rt. aortic arch with branches [number in the bracket denoting the chronological order of origin] (d)CT angiogram showing the origin of Lt. ICA from PA (e) Intraoperatively the Lt ICA (\*) is seen arising from the Lt PA and Lt ECA (#) from the Rt. aortic arch as the first branch. (f) The Left ICA is seen anastomosed to the Left ECA (arrow head) and the transannular patch (++) is seen augmenting the RVOT

**CASE 3 : RHEUMATIC MITRAL STENOSIS WITH VSD WITH ANOMALOUS ORIGIN OF RCA FROM LEFT SINUS****Diagnosis:**

RHD, Severe MS, Mild MR, SA VSD, Moderate PAH, Good LV, AF, NC

**Procedure:**

MVR #31 SJM + PMLP + Direct closure of VSD

**History:**

50year old male, presented with h/o dyspnoae on exertion x 10years started as FC- II progressed to FC- III. Associated with Angina on exertion & palpitation. No h/o suggestive of congestive cardiac failure.

**Physical Examination:**

Conscious, oriented. No pallor/icterus/cyanosis/clubbing/edema. HR: 80 /min. BP: 130/80 mmHg

CVS - Precordium normal. S1 S2 (+), 3/6 PSM at LLSB, 2/4 MDM heard at the apex.

RS - AEBE,clear. PA - Soft,NAD. CNS - NAD.

**Investigations:**

*Blood Investigation:* Blood group : A+, Viral serology : -ve, Haemoglobin 8.3 gm/100 ml, PCV 25 %, RFT and LFT : WNL

*CXR:* CTR 0.6, LAE (+), PAE (+)

*ECG:* AF with ventricular rate of 76/min.

*ECHO:* LV- 52/30, EF- 71%, LA/AO- 63/31, MR 2+, MVA 1cm<sup>2</sup>, mitral valve thickened and calcific, 5mm SA VSD (IVG 60mmHg), RVSP 50+RA

CAG: LMCA/LAD/LCX- Normal, RCA- Dominant & normal, Anomalous origin from left sinus

**Surgical Findings:**

- \*Mild pericardial effusion. No Cardiomegaly
- \* RA mildly enlarged and thickened. LA dilated. No LA clot.
- \*SA VSD of 0.75 x 0.75 cm present.
- \*Good LV contractility. Aorta normal. PA- mildly dilated and moderately tense.
- \*Mitral Valve- Thickened AML and PML. Calcification present. Moderate subvalvular pathology. Aggultinated chordae, Both commissures fused.

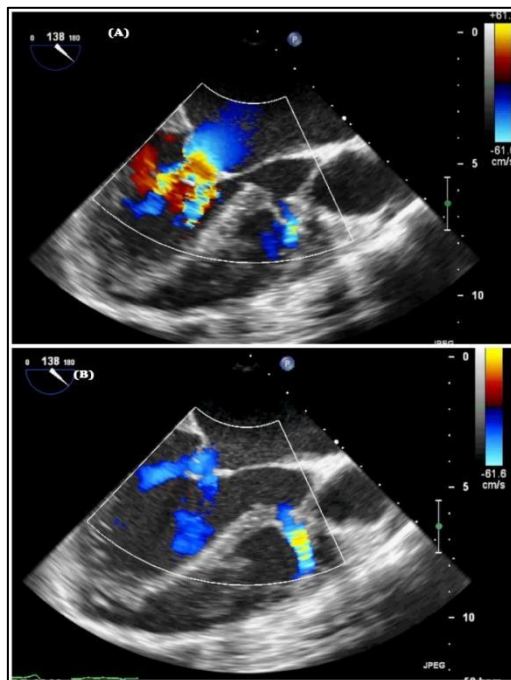
**Surgical Procedure:**

- \*Moderate Hypothermic cardiac arrest
- \*Direct closure of SA VSD with plegetted suture through the tricuspid valve.
- \* LA approached through the Soondagard's groove. Mitral valve replaced with #31mechanical bileaflet valve (#31 SJM) with preservation of the posterior mitral leaflet.

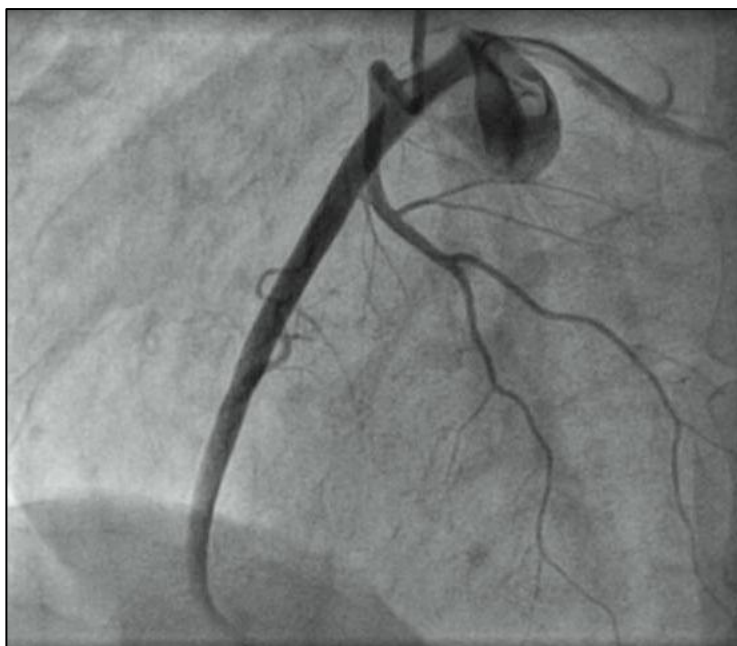
**Investigations prior to Discharge:**

Hb: 8.3 g%, BUN:13mg%, Cr: 0.8mg %. ECG: SR, no fresh changes.CXR: No pneumothorax, collection.

*ECHO* : EF 54%, No residual VSD, Prosthetic valve gradient 11/5, Fair LV/RV function, No PE.



**Figure 3.1: Transesophageal Echocardiogram showing the mitral stenosis(a) and ventricular septal defect(b)**



**Figure 3.2: Coronary angiogram showing the origin of right coronary artery from left coronary sinus**

**CASE 4 : VALVE IN VALVE : MVR WITH TOTAL CHORDAL PRESERVATION IN A CASE OF MITRAL ANNULUAR CALCIFICATION****Diagnosis:**

MVP of AML &PML, Severe MR, TVP, Moderate TR,Good LV, AF, NC

**Procedure:**

MVR#25 PM with total chordal preservation + TVA #30 MC3 ring

**History:**

A 65 year old female, presented with c/o Dyspnoea on exertion in FC-II x 4 years associated with palpitation & PND (+). No h/o congestive cardiac failure

**Physical Examination:**

G/C Fair. No pallor/icterus/cyanosis/clubbing/pedal edema. PR: 86/min. BP: 130/80mmHg

CVS - Precordium normal. Apex at 5th left intercoastal space in MCL. S1 S2(+). 4/6 PSM (+).

RS - AEBE, clear. PA: Soft, no organomegaly, no T/G/R. CNS - WNL. JVP: Not raised.

**Investigations:**

*Blood Investigations:* Blood group: O+, Viral serology : -ve, Hb- 11.0, PCV- 34.0%,TC: 3360, ESR: 37, Platelet: 1,54,000, RBS: 133, LFT and RFT : Within normal limits

*CXR:* CTR - 0.71, Prominent BVM, Calcification ring present inside the cardiac shadow,

*ECG:* AF at 89bpm, QRS Axis 70'

*ECHO:* LV- 69/44, EF- 65%, LA/Ao- 54/31, Septum- 11/13, No RWMA. Mitral Valve : Non rheumatic with prolapse of both leaflets causing severe MR (MR 4+) Thickened AML and PML.

Mitral annular calcification present. Tricuspid valve : Mildly thickened, Dilated tricuspid annulus. TR- 2-3+. RVSP- 28 + RA.

CAG: Right dominant normal coronary system

**Surgical findings:**

\*LA dilated with no clots. LV dilated.

\* Good LV contractility

\*Mitral Valve : Thickened and prolapse. Mitral annular calcification extending posteriorly, along the commissure and partly onto the anterior annulus

\*Tricuspid valve : Dilated annulus, thickened leaflets,

**Surgical Procedure :**

\*Moderate Hypothermic Cardiac arrest

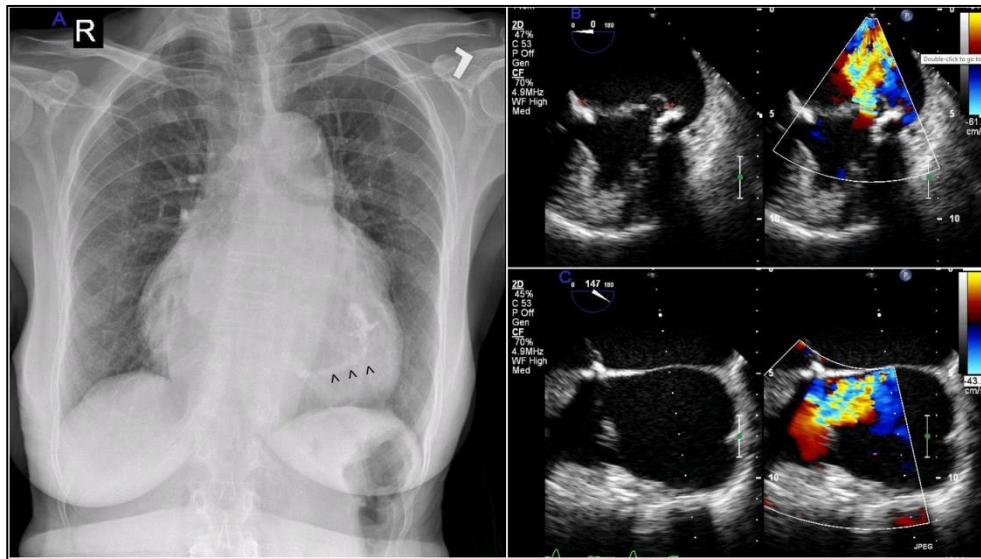
\*Through the Soondagards groove, LA approached. Preserving both the mitral leaflets, as well as plicating them, sutures taken and prosthetic valve fixed. (#25 bioprsthetic valve - #25 perimount)

\*RA opened. Tricuspid annuloplasty done with #30 MC3 ring.

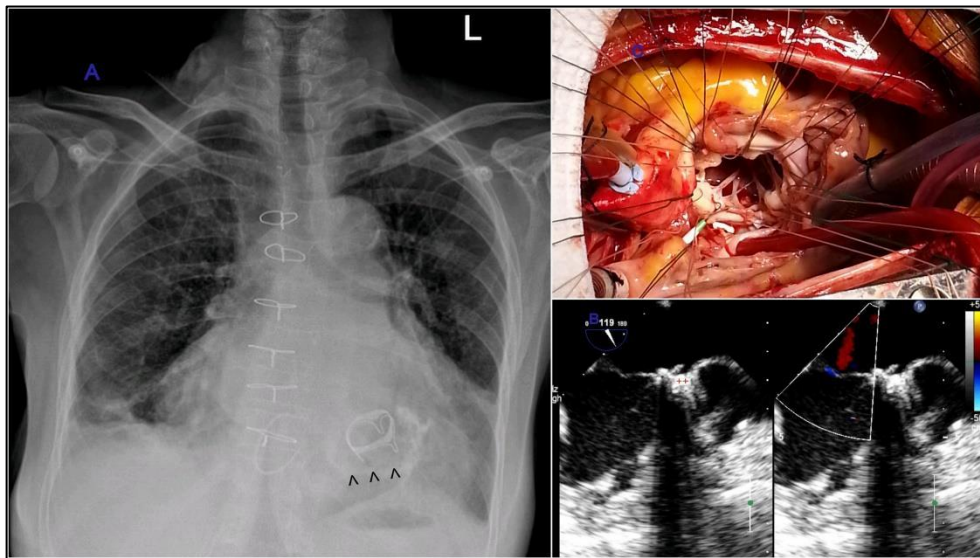
**Investigations Prior To Discharge:**

*ECG*: AF+ , rate of 150-160/mins, no fresh changes. *CXR* : No Pneumothorax, no collection

*ECHO* :MV Grad 12/4, Trivial TR present, Good LV/RV Function.



**Figure 4.1 : (A) Chest Xray showing mitral annular calcification (arrow heads).(B) Transeophageal Echocardiography showing sever mitral regurgitation. (++) mark indicating mitral annular calcification. (C) Transeophageal Echocardiography showing moderate tricuspid regurgitation**



**Figure 4.2 : (A) Postoperative Chest Xray showing mitral annular calcification with bioprosthetic mitral valve. Note the space between the mitral annular calcification and valve which is actually the plicated native mitral leaflets. Also the tricuspid valve annuloplasty ring can be seen. (B) Intraoperative picture showing the valvular suture taken from atrium to ventricle placating the leaflets as well. (C) Postoperative Transeophageal Echocardiography showing the bioprosthetic valve in mitral position, also the mitral annular calcification can be visualised (++) .**

**CASE 5 : TUBERCULOSIS CONSTRICTIVE PERICARDITIS****Diagnosis :**

Constrictive Pericarditis - Tubercular, Old treated PTB, S/P[Pericardiocentesis, Good LV, SR

**Procedure:**

Anterior Pericardectomy

**History:**

30 year old male, was admitted in the hospital for abdominal distension, facial puffiness, pedal edema and orthopnoea and was diagnosed to have tuberculosis pericardial effusion 1 1/2 years ago. Now c/o DOE x 1 year, progressed from FC-II to FC-III. No h/o AOE/PND/syncope/pre-syncope/TIA/ Claudication. History s/o chronic liver disease or CKD. No h/o drug allergy/previous surgery.

**Physical Examination :**

Conscious oriented. No cyanosis/clubbing/pedal edema. pallor (+). PR: 76/min. BP: 116/68mmHg

CVS : S1 S2 present. Apex at 5th left intercoastal space in midclavicular line. Diminished sounds. No murmur.

RS-AEBE,clear. PA: Soft, no organomegaly. CNS - WNL. JVP: Not raised.

**Investigations:**

*Blood investigation* : Blood group: A+ , Viral serology : -ve, Hb- 11.5, PCV- 34.5%,TC: 6400, RFT and LFT : within normal limits

*CXR* : CTR-Normal, No cardiomegaly , lung field normal, no calcification

*ECG* : SR, Axis-90, of enlargement, flat S inversion T flat all leads

*ECHO* : LV- 38/24, EF- 68%, LA/Ao- 28/28, Septum- 7/8, MR- 1+, No RWMA, Abrupt posterior wall motion (+). Significant respiratory variation in mitral flow velocity noted, septal bounce (+) No inspiratory decline in Inspiratory Pressure Kussmaul's Sign + ve. S/O Constrictive Pericarditis.

*CAG* : Right dominant normal coronary system

### **Surgical findings:**

\*Thickened pericardium with patchy tenacious calcification mostly at right and left borders of the heart constriction on the heart.

\*No evidence of pyopericardium. No pericardial fluid

\*Bilateral pleural effusion- yellow coloured.

\*Pre operative CVP - 18. Immediate Post operative CVP 8

### **Surgical Procedure :**

\*Adhesive pericardium released using harmonic scalpel.

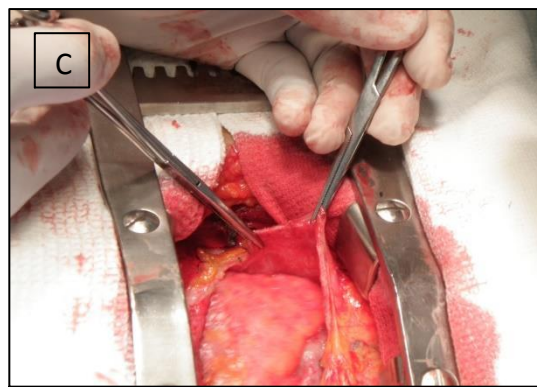
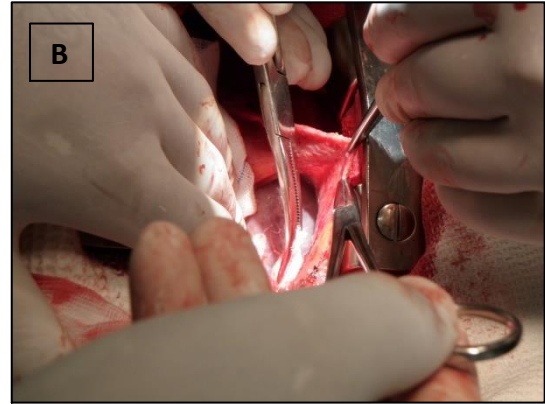
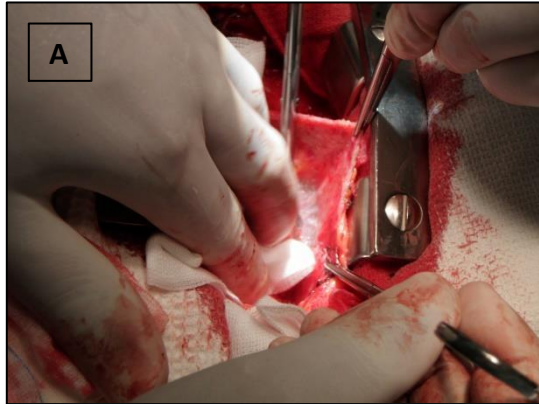
\*Pericardectomy done extending from 1cm medial to pheric nerve on either side

### **Investigations prior to discharge:**

Hb:12.3 g%, BUN:14 mg%, Cr: 1.1 mg %.

*ECG*: NSR at 78 beats per minute.no fresh changes

*ECHO*: Good LV/RV/PV function, Pericardial Effusion of 6 mm posterior to LV.No exercise/Respiratory variations seen.No clot. CXR: No pneumothorax, collection.



**Figure 5.1: Images A, B and C demonstrating pericardectomy being done for the patient**

**CASE 6 : PULMONARY THROMBOENDARTERECTOMY****Diagnosis :**

ACHD, Multiple ASD, Chronic pulmonary thromboembolism, Severe PAH, B/L DVT with varicose vein

**Procedure:**

Pulmonary Thromboendarterectomy + Direct Closure of ASD

**History:**

A 32 years old male, came with H/o Dyspnoea on exertion X 3 years. H/o DVT present with swelling of both the legs and dilated veins (varicose vein). No h/o palpitation or evidence of any congestive cardiac failure. Diagnosed to have congenital heart disease 4 years ago.

**Physical Examination:**

GC fair. PR: 86/min. BP: 130/70mmHg. All peripheral pulses. No cyanosis/icterus/clubbing/oedema/pallor/increased JVP.

CVS-Precordium normal. Apex at 5th Left ICS in midclavicular line. S1 S2 (+)

RS: No added sounds. P/A: Soft, No organomegaly. CNS- No focal deficit.

**Investigations:**

*Blood Investigation:* Blood group: B+, Viral serology : -ve, Hb- 12.5, PCV- 40.8%, TC: 7660, ESR: 10, RBS: 75, RFT and LFT within normal limits.

*CXR:* CTR- 56%, s/o increased PVH, Prominent PBM

*ECG:* Sinus rhythm @ 78/min, RVH, RAD

*ECHO:* LV- 46/29, EF- 68%, LA/Ao- 39/26, Septum- 11/9.5, MR- 1+, Mitral Valve-normal, TR- 2+, PR- 2+, IAS aneurysm with 2 small ASD 5mm and shunting bidirectionally. No RWMA, No RA/RV volume overload, No PE/clot, RPA, LPA, MPA- dilated, No thrombus prox IAS, RVSP- 78 + RA.

CT Chest : Dilated pulmonary artery with chronic thrombus present in the RPA upto the 2<sup>nd</sup> degree branches.no thrombus in the distal arteries

**Surgical Findings:**

\*SS,LC. Normal systemic and pulmonary venous drainage

\*RA RV dilated. PA twice the size of aorta. PA moderately tense.

\*RPA was hugely dilated. Old thrombus present in RPA extending upto the 2nd degree branches. No thrombus visualized in LPA.

\*Fenestrated IAS present.

\*NRGA, Aorta normal

**Surgical Procedure :**

\*Aorto-RA CPB, with cooling to 29 degree

\*MPA and RPA opened and endarterectomy of RPA was performed till the 2nd degree division

\*Aorta cross clamped and direct closure of the ASD was undertaken

**Investigations Prior To Discharge:**

Hb:8.7 g%, BUN: 17 mg%, Cr: 1.4mg %.ECG: SR, no fresh changes. CXR: No pneumothorax, collection.

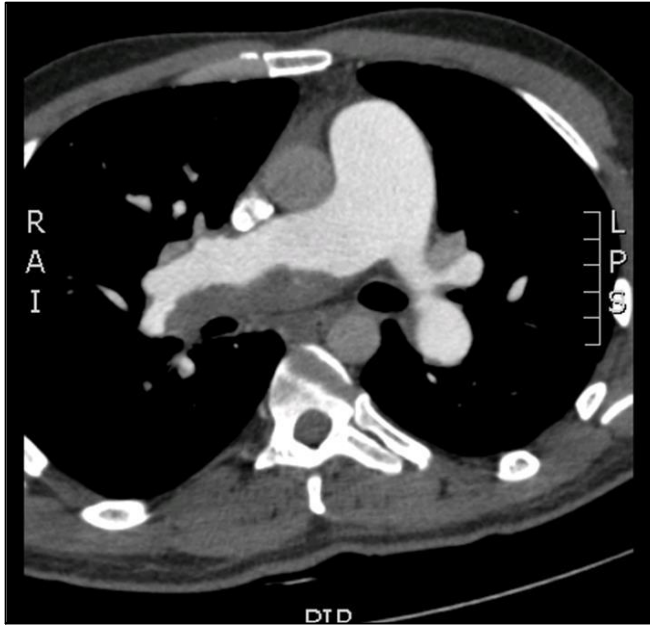


Figure 6.1: CT scan showing chronic thrombus in the RPA

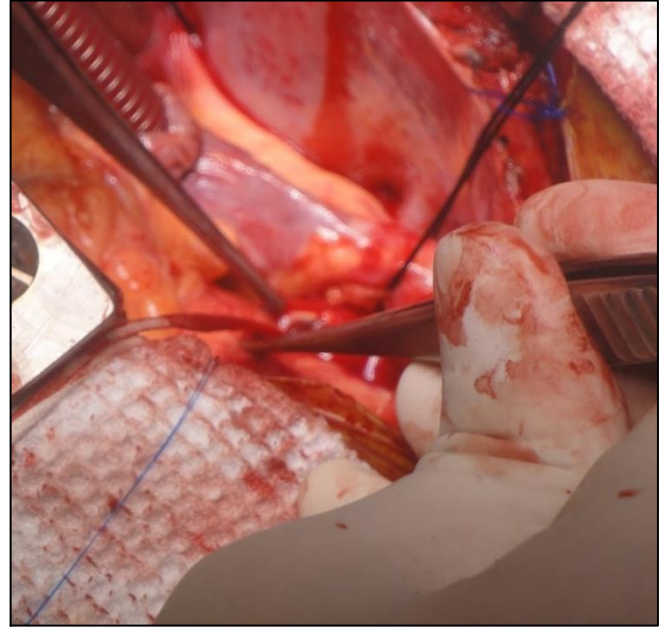


Figure 6.2: Endarterectomy being performed on the RPA

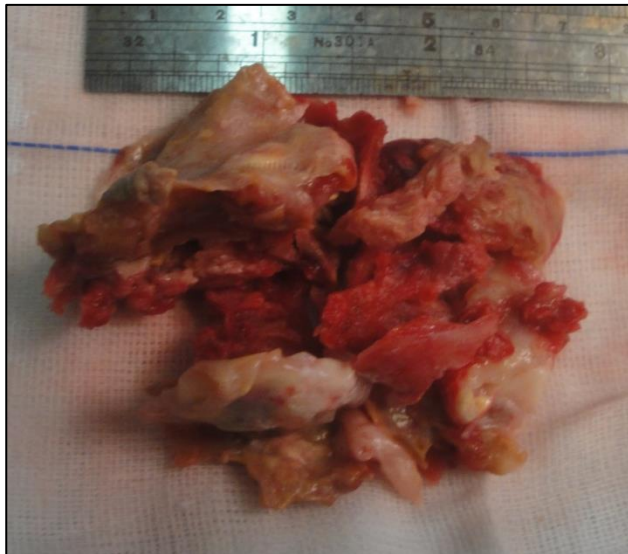


Figure 6.3: Endarterectomy specimen



Figure 6.4 : Endarterectomy specimen from RPA

**CASE 7 : UNIFOCALISATION WITH RV-PA CONDUIT IN A CASE OF VSD, PA****Diagnosis :**

CCHD, PA, SA VSD, Confluent PA, Left arch, LPA stenosis, Large MAPACAs, SR

**Procedure:**

ICR with RA - PA conduit (#23 homograft) + Right MAPCA ligated and left MAPCA unifocalization + LPA plasty + PFO

**History :**

A 8 year old male child diagnosed to have CHD at 3-4 months of age with recurrent respiratory tract infection and cyanosis noted on crying. H/o spells present. Child diagnosed as a case of large SAVSD with PA and was on medical follow-up.

**Physical Examination:**

No pallor/pedal oedema/icterus/cyanosis. SpO<sub>2</sub>- 84%. PR: 100/min.

CVS- S1 S2 (+). 3/6 continuous murmur (+) LVS

RS: AE + BS, No added sounds. CNS- No neurological deficits. P/A: No organomegaly, No free fluid.

**Investigations:**

*Blood investigation* : Blood group: ANEG, HBsAg: -ve, Hb- 15.7, PCV- 46%, LFT and RFT within normal limits

*CXR*: Cardiomegaly, boot shaped heart, Oligemic lung fields

*ECG*:100bpm,SR, Axis +110,(N)QRS,RVH+

*ECHO* : SS, LC, normal systemic and pulmonary venous drainage, AVVA concordance, large SAVSD(20mm), 50% Aortic overriding present. Long segment PA. RPA:8mm, LPA:7.1mm, DTA:11mm, Multiple MAPCAs visualised in the DTA.

*CATH study*: Rt. MAPCA(7mm). 2 MAPCAs at T5-T6 level, supplying B/L lower lobes.

*Cardiac MRI*: Cardiomegaly, Large SA VSD, Short segment PA with Confluent Pulmonary artery. Focal stenosis of LPA in mid segment. MAPCAs arising from DTA.

**Surgical Findings:**

- \* SS, LC. Normal systemic and pulmonary venous drainage. NREGA
- \* Two large MAPCA present at D8 to D10 level. A large left MAPCA was present. There was some abnormal connection (??MAPCA) arising from the distal end of the LPA. A large origin of right MAPCA which tapers off immediately.
- \*RV hypertrophied. Tricuspid valve normal.
- \*2 x 1.5 cm Malaligned Subaortic VSD. No additional VSD.
- \*Long segment pulmonar atresia present.
- \*Small branch PA . LPA smaller than RPA.
- \*Aorta anterior and to the right. PA pushed to posterior and to the left.
- \*Normal coronary pattern. No vessel crossing RVOT

**Surgical Procedure:**

- \*Moderate hypothermic cardiac arrest
- \*Ligation of the right MAPCA. Unifocalisation of the left MAPCA to the LPA
- \*Hilum to hilum plasty of the pulmonary artery with bovine pericardium
- \*Closure of the SA VSD with PTFE patch
- \*RV-PA conduit using #23 homograft, augmenting the lower end with a native pericardial patch

**Investigations Prior To Discharge**

*CXR*: No Pneumothorax, No Collection

*ECG*: SR, no fresh changes.

*ECHO*: No PE/ No Clot/vegetation, Good RV/LV function, mild-mod AR, no residual VSD, No significant PAH

*CT Thorax* : Consolidation with air bronchogram in Left lower lung & linguala. Good functioning of the unifocalised MAPCA.

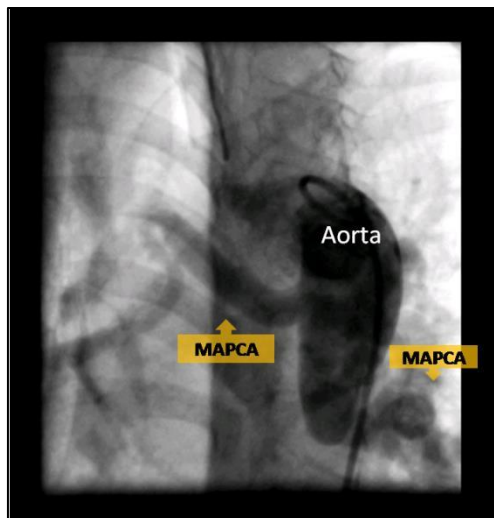


Figure 7.1: Angiogram showing MAPCAs arising from the aorta

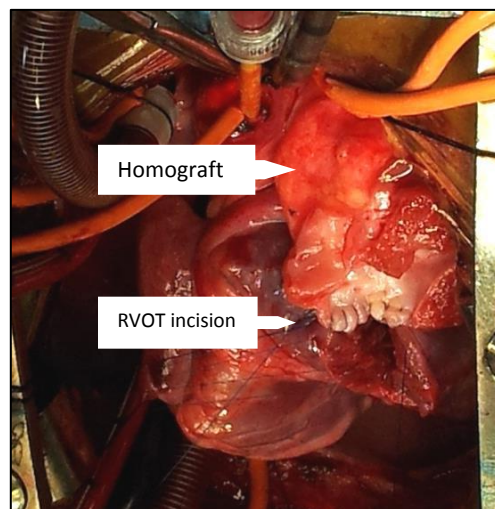


Figure 7.2: Anastomosis of the homograft to the RVOT

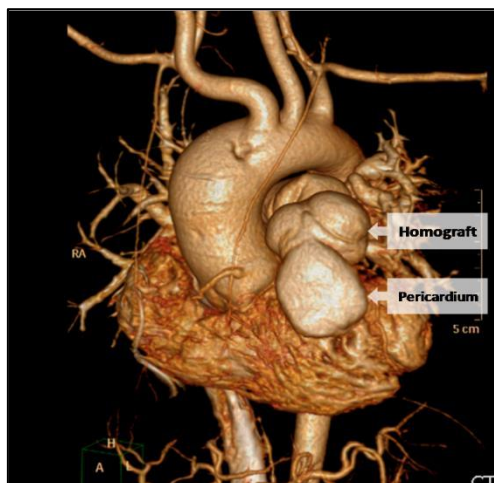


Figure 7.3: Post operative CT showing homograft and pericardium (RV-PA conduit)

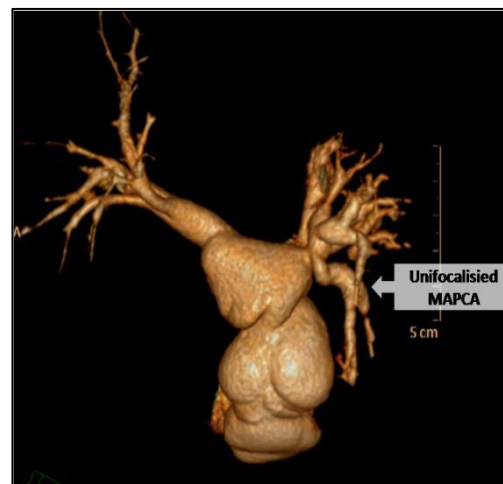


Figure 7.4 : Postoperative CT showing the unifocalised left MAPCA

**CASE 8 : CORONARY REVASCULARISATION IN PROCELIN AORTA****Diagnosis :**

CAD, LMCA + TVD, Angioplasty of B/L SFA & Popliteal artery, Procelin aorta and calcific coronaries, Mild AS, Good LV, SR

**Procedure:**

PTCA to RCA and OPCABG X 1 GRAFT (LIMA - LAD)

**History:**

62 year old male, K/c/o CAD, unstable angina in FC II. Known case of DM and hyperuricemia. He underwent angioplasty of left distal SFA & popliteal artery for stenosis in 2009. H/o non Q AWWMI(2012), advised CAG. Deferred due to significant PVOD. He then underwent angioplasty for right distal SFA & popliteal artery stenosis in 2013. H/o AOE FC II for last 6 months.

**Physical Examination:**

PR-80/min regular, BP-130/80mmHg, LL pulses feeble. No pallor, icterus, cyanosis, clubbing, pedal edema.

CVS-S1 S2+, ESM+ 3/6 radiating to carotids. Chest clear. Other systems-NAD.

**Investigations:**

*CXR* : Calcification of the ascending aorta and oring of the arch vessels seen.

*ECG:SR @ 80/min*, T inversion in I, aVL, V5-V6, R/S: V1- 1/15, V6 11/3.

*ECHO:LV 40/25*, LA 33, AO 27, EF 70%, concentric LVH+, no RWMA, Moderate AS, Minimal mitral annular calcification present.

*CAG: Porcelain Aorta* , Densely calcified coronaries . Calcific Aortic valve.

LMCA - Eccentric 40-50 % distal LMCA calcific lesion.

LAD - Type 3. Ectatic calcific vessel, Ostial mild lesion. Distal LAD has an 80 % eccentric complex plaque .

LCX - Non dominant. Ostial eccentric mild lesion . Ectatic vessel . Proximal 40 % eccentric stenosis . OM1 and OM2 are tiny . OM3 is 3 mm ectatic vessel . No significant lesion . After OM3 , LCx has 50 % eccentric lesion.

RCA - Dominant. Ectatic vessel. Osteoproximal 80 % lesion . Densely calcified vessel with diffuse non obstructive lesion in rest of the vessel.

*Blood investigation* : Blood group : O+; Viral serology: -ve; Hb 9.8 gm/100 ml; INR 2.03; LFT and RFT within normal limits

### **Surgical Findings:**

- \* Heavily calcific aorta and the proximal coronary tree.
- \* Good LV systolic function. LIMA of good calibre and flow.
- \* LIMA - LAD - Size -2.0 mm, Arteriotomy - calcific, Distal flow - good.

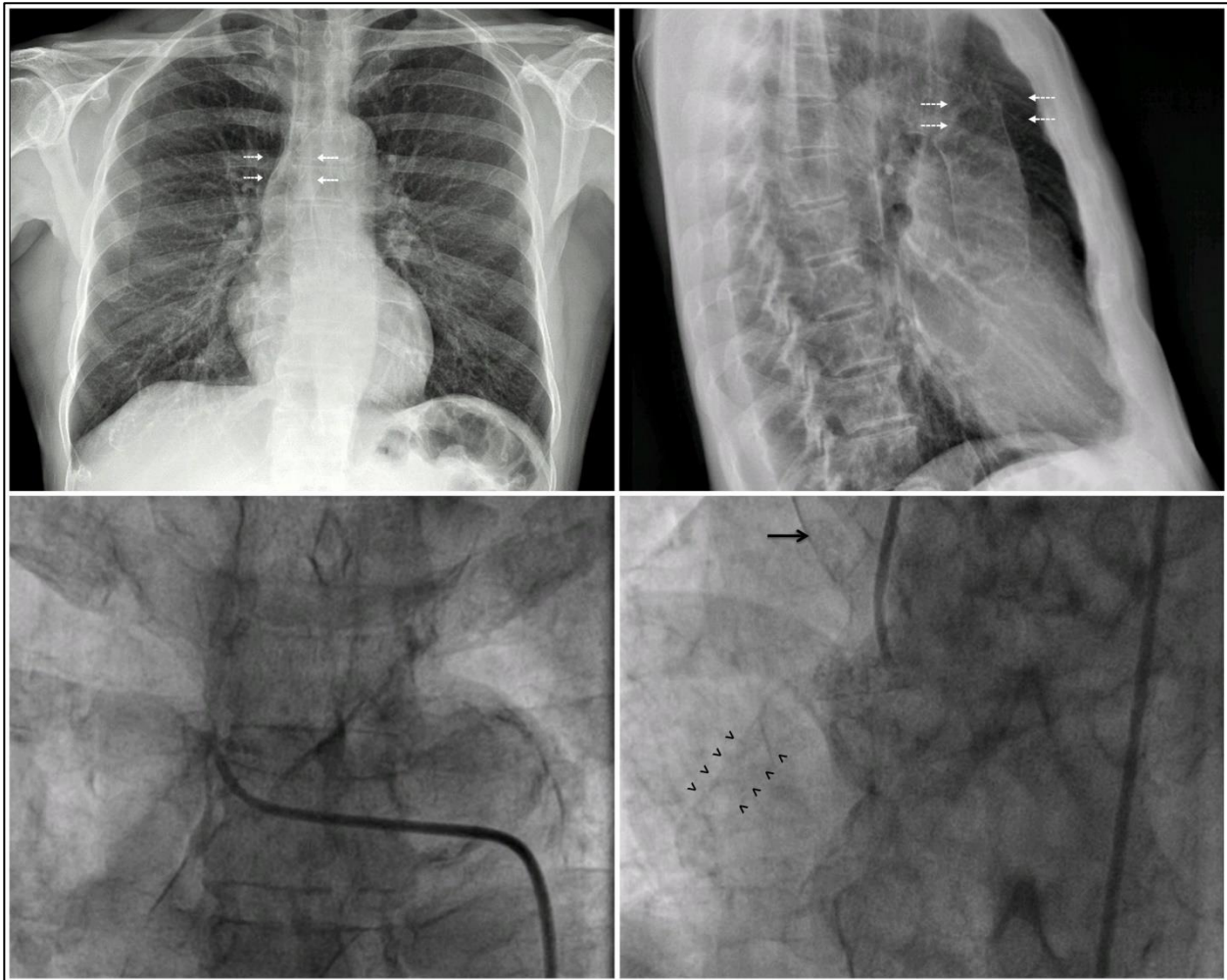
### **Surgical Procedure :**

- \*PTCA to the RCA was done
- \*OPCABG with LIMA to LAD anastmosis was preformed

### **Investigations prior to discharge:**

Hb: 9.3g%, BUN: 20mg%, Cr: 1.2mg %. ECG: SR @ , no fresh changes.

*ECHO*: Good LV/RV/PV function, no Pericardial Effusion. CXR: No pneumothorax, collection.



**Figure 8.1: Chest xray demonstrating calcific ascending aorta and arch of aorta (white arrow). Angiogram with catheter in the arch of aorta demonstrating the calcific innominate artery (black arrow) and the calcific coronary artery (black arrow heads).**

**CASE 9 : LCA TRANSLOCATION IN ALCAPA****Diagnosis:**

ALCAPA, Severe LV dysfunction, mild MR, SR

**Procedure:**

LCA translocation and PDA interruption

**History :**

A 7 months old female child, birth wt. 2.9 kg, admitted outside for cough and breathlessness since 2 weeks. H/o poor feeding and URTI. H/o failure to thrive. When evaluated child has severe LV dysfunction with ALCAPA with mild MR. Child was referred to CVTS for surgical repair. Child received intubated on inotropic support of dobutamine and lasix infusion.

**Physical Examination:**

HR-160/min, BP-74/60 mm Hg, No cyanosis, clubbing, icterus, oedema, pallor.

CVS - Gallop rhythm, Precordium normal, Apex at 5th left ICS in MCL, P2>A2, no murmur

RS-B/l crepts(+), AEBE. PA-Hepatomegaly(+), no ascitis.

**Investigations:**

*Blood investigation* : Blood group: O+, Viral serology: -ve, Hb 8.6 gm/100 ml, PCV 26.5 %, Platelet count 3.02 lakhs/c mm , LFT and RFT within normal limits

*CXR*: CTR-0.6, prominent BVM

*ECG*: SR, QRS axis -40°, Q in V6, AVL, poor R wave in lateral chest leads.

*ECHO*: LV-44/38 , EF-29%, Global LV hypokinesia, RWMA of LAD and LCx territory, Mild MR (MR 2+), TR 1-2+, Short LMCA arising from PA, LMCA to Aortic valve distance-5.5mm, prominent septal collaterals.

**Surgical Findings :**

- \*SS, LC. Atrioventricular concordance, Ventriculoarterial concordance,NRGA
- \*LMCA arising from posterior left facing sinus of MPA.RCA arising from Right coronary sinus of Aorta.
- \*Abundant collaterals present predominantly from LCx.
- \*RPA and LPA of adequate size. Normal pulmonary venous drainage.
- \*Small PDA approx 5-6 mmm. Left arch. No COA.

**Surgical Procedure:**

- \*Moderate hypothermic cardiac arrest
- \*Cardioplegia admistered to aorta and to MPA
- \* LCA button harvested from the MPA and Collaterals were all ligated.
- \*MPA reconstructed with native pericardium
- \*LCA button translocated to the aorta

**Investigations prior to discharge**

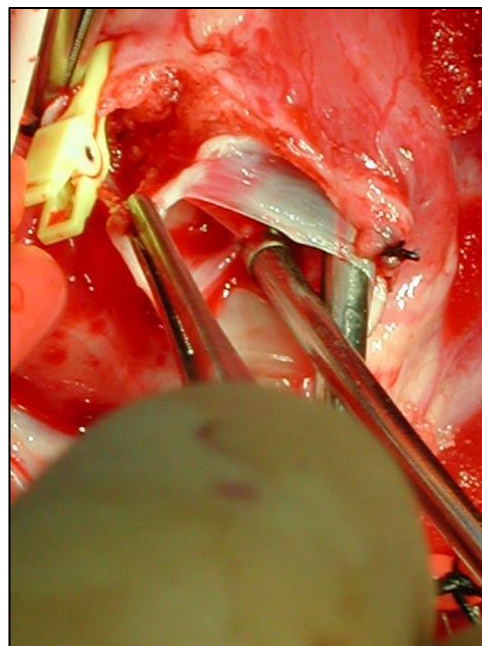
*CXR* : No Pneumothorax, No Collection

*ECG* : SR,HR 150/min

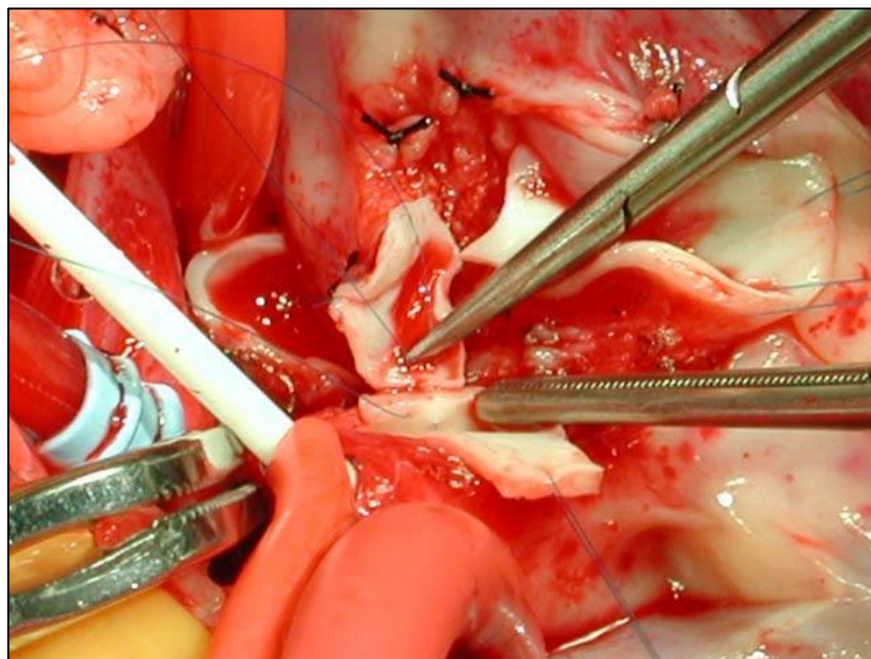
*ECHO* : Laminar flow in LCA. RPA,LPA looks normal, No VSD, Mild MR, SEV LV dysfunction.EF-37%



**Figure 9.1: LCA button harvested from the pulmonary artery**



**Figure 9.2: Pulmonary valve cusp with the excised sinus where the anomalous LCA was arising**



**Figure 9.3: Anastomosis of the LCA button to the aorta**

**CASE 10 : SUPRA VALVULAR AORTIC STENOSIS - DOTY'S REPAIR****Diagnosis :**

ACHD, Severe supra valvular aortic stenosis, Good LV, SR

**Procedure:**

Doty's Aortoplasty

**History :**

A 5 year old male child, born of NCM of birth weight 3.kg. Detected to have CHD while evaluating for cyanosis and was referred here for further management. H/o cyanosis (+). No h/o feeding difficulty, spells, No h/o suggestive of congestive cardiac failure

**Physical Examination:**

GC good. No pallor/cyanosis/icterus/clubbing/lymphadenopathy. PR: 98/min, regular.

CVS- Precordium normal. S1 S2 (+), ESM 4/6 LVSB.

Chest: Clear, AEBE. P/A: Soft, No organomegaly. CNS- No focal sensory motor deficit.

**Investigations:**

*Blood Investigation* : Blood group: O+, HBsAg: -ve, Hb- 12.1, PCV- 36%,TC: 8100, ESR: 5, RBS: 103, LFT and RFT within normal limits

*CXR*: CTR-0.55

*ECG* : SR at 80/min, Axis + 110'

*ECHO* : LV- 26/15, EF- 18/20%, LA/Ao- 78/20, MPA- 15, RPA- 8.2, LPA- 6.1. SS, LC, AV,VA concordance, Normal venous drainage. IAS / IVS intact, No PDA, Severe supra valvular AS gradient- 86/42mmof Hg, Obstruction 12mm above aortic valve, RVSP- No good TR jet. Good L/RV function Mild LPA origin stenosis.

**Surgical Findings:**

\*SS, LC, normal systemic and pulmonary venous drainage, NRG

\*Aorta showing Supravalvar Aortic Stenosis 1 cm above annulus.

\*PA normal. Atria and Ventricles normal. PDA. B/L pleurae intact.

**Surgical Procedure :**

\*Moderate hypothermic cardiac arrest

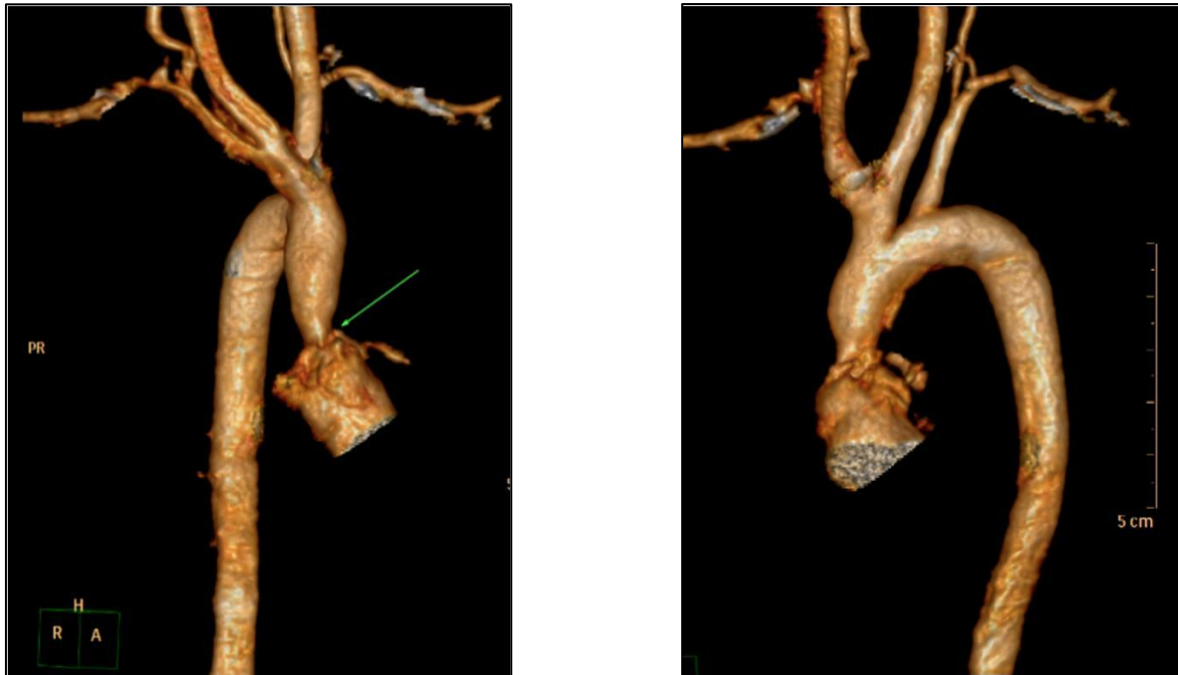
\*Doty's repair with a "inverted Y" shaped PTFE patch

**Investigations prior to discharge:**

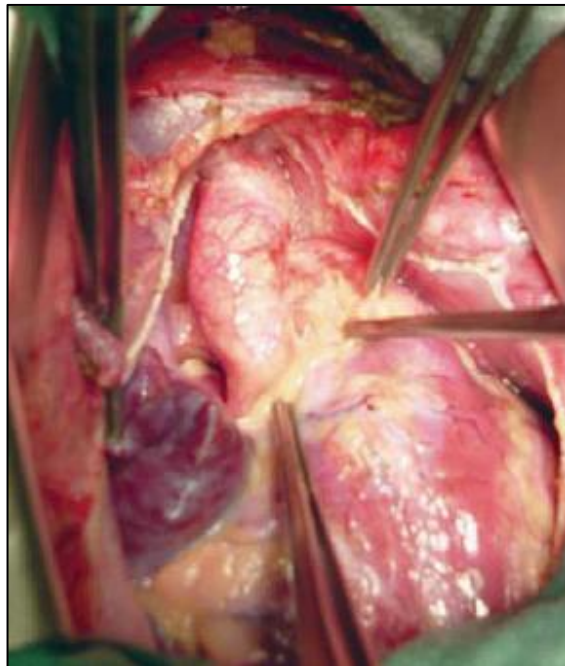
*ECG:* 133/m SR, No fresh changes.

*CXR:* CTR 56%, B/L lung fields clear, no pneumothorax, no effusion.

*ECHO:* 6mm PE posterior to LV, good LV/RV function, concentric LVH.



**Figure 9.1: 3D CT reconstruction showing a supravulvular aortic stenosis (green arrow) with left aortic arch and bovine arch pattern**



**Figure 9.2: Intraoperative external view of the supravulvular aortic stenosis**

**CASES PREFORMED**

DEPARTMENT OF CVTS, SCTIMST

JAN 2012 – DEC 2014

S.No	Hosp. No.	Name	Age	Sex	DOS	Diagnosis	Procedure Executed	Surgeon	Supervised By
1	██████	██████	9	M	1-Apr-13	ACHD, MULTIPLE ASD, MILD LPA ORIGIN STENOSIS, SR	TPP CLOSURE OF ASD	DR. MOHAMMED IDHREES A.	DR. THOMAS MATHEW
2	██████	██████	4	M	5-Aug-13	ACHD, OS ASD, GOOD LV, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.	DR. SABARINATH MENON
3	██████	██████	34	F	23-Sep-13	ACHD, OS ASD, MOD PAH, GD LV, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.	DR. VIVEK V. PILLAI
4	██████	██████	23	M	23-Jan-14	ACHD, OS ASD, MILD PAH, GOOD LV, SR	TPP CLOSURE OF ASD	DR. MOHAMMED IDHREES A.	DR. VARGHESE T.PANICKER
5	██████	██████	22	M	11-Feb-14	ACHD, OS ASD, GOOD LV, SR, HYPOSPADISIS	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.	DR. VARGHESE T.PANICKER
6	██████	██████	6	F	17-Mar-14	ACHD, OS ASD, MILD PAH, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.	DR. SABARINATH MENON
7	██████	██████	7	F	24-Mar-14	ACHD.SV ASD,SR	WARDEN'S PROCEDURE	DR. MOHAMMED IDHREES A.	DR. SABARINATH MENON
8	██████	██████	6	F	29-Apr-14	ACHD,SV ASD, PAPVC OF RUPV AND RLPV, SR	DOUBLE PATCH REPAIR	DR. MOHAMMED IDHREES A.	DR. SABARINATH MENON
9	██████	██████	6	M	7-May-14	ACHD,SV ASD,PAPVC,SR	DOUBLE PATCH REPAIR	DR. MOHAMMED IDHREES A.	DR. THOMAS MATHEW
10	██████	██████	3	F	20-May-14	ACHD, OS ASD, MILD PS, GOOD LV, SR	TPP CLOSURE OF ASD + PULMONARY VALVOTOMY	DR. MOHAMMED IDHREES A.	DR. SABARINATH MENON
11	██████	██████	41	m	9-Jun-14	RHD,SEV CAL MS,MILD MR,MILD AR,MOD PAH,CAD,OLD MI,MILD LVD,AF.NC	MVR # 27 CHVP+PMLP	DR. MOHAMMED IDHREES A	DR. VARGHESE T.PANICKER

**CASES ASSISTED**

DEPARTMENT OF CVTS, SCTIMST

JAN 2012 – DEC 2014

HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROC_EXECUTED	SURGEON
████	████	71	M	9-Jan-12	CAD, TVD, OLD MI, FAIR LV FUNCTION, POST PCI (LCX-2008, RCA-2010), SR, HTN	CABG X 4 GRAFTS. LIMA - LAD, RSVG - PRE CRUX RCA, OM2, OM3	DR. PRAVEEN VARMA P.K.
████	████	69	F	9-Jan-12	CAD, TVD, GOOD LV, SR, HTN, DM	CABG X 4 GRAFTS (LIMA TO LAD, RSVG TO D1, MAJOR OM, PRECRUX RCA)	DR. JAYAKUMAR K
██	████	66	F	9-Jan-12	RHD, P/PTMC, SEV MR, MOD MS, MILD TR, MOD PAH, AF, NC, DM	MVR #29SJM + PMLP	DR.MANISH MATHEW
████	████	32	F	11-Jan-12	RHD, SEVERE MS, MODERATE MR, TRIVIAL AR, SR	MVR # 25 SJM + PMLP	DR. PRAVEEN VARMA P.K.
████	████	55	M	11-Jan-12	CAD,TVD, RECURRENT ANGINA, MODERATE LV DYSFUNCTION, SR	CABG X 4 GRAFTS. (LIMA - LAD; RSVG - PLB, OM2, DIAGONALS	DR. JAYAKUMAR K
████	████	66	M	20-Jan-12	CAD, TVA, P/PCI, GOOD LV, SR, DM, HTN, RENMAL DYSFUNCTION	CABG X 4 GRAFTS (LIMA - LAD, RSVG - D1, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	████	62	M	23-Jan-12	CAD, TVA, GOOD LV, OLD MI (2002), DM, SR	CABG (LIMA - LAD, RSVG - OM2, PDA)	DR. PRAVEEN VARMA P.K.
████	████	51	M	25-Jan-12	CAD, DVD, GOOD LV FUNCTION, SR,DM, HTN, OLD MCA INFARCT	CABG X 3 GRAFTS (RSVG TO RPDA, MAJOR DIAGONAL, LAD	DR. JAYAKUMAR K
████	████	62	M	27-Jan-12	CAD, LMCA, DVD, GOOD LV, SR	CABG X 4 GRAFTS (LIMA - D2, RSVG - MAJOR OM, RAMUS, D1)	DR. JAYAKUMAR K
████	████	71	M	27-Jan-12	P/CABG (X 4 GRAFTS) CULTURE NEGATIVE DSWI WITH STERNAL DEHISCENCE, FAIR LV, SR, HTN	DEBRIDEMENT WITH PM FLAP COVER	
████	████	57	M	30-Jan-12	CAD, TVD, BAV (CALCIFIC), MOD AS, MILD AR, GOOD LV, SR	CABG X 4 GRAFTS (LIMA-LAD, RSVG -PDA, MAJOR OM, MAJOR DIAGONAL) + AVR #23 SJR	DR. PRAVEEN VARMA P.K.
██	████	59	M	9-Feb-12	RHD, SEV MS, MILD MR, P/CMV,GOOD LV, AF, NC	MVR #27 SJM+ PMLP	DR. PRAVEEN VARMA P.K.
████	████	51	M	13-Feb-12	CAD, TVD, OLD ACS, GOOD LV, SR, BA, DM, HTN	CABG X 3 GRAFTS [LIMA - LAD; RSVG - DISTAL RCA, MAJOR OM]	DR. PRAVEEN VARMA P.K.
████	████	53	M	15-Feb-12	CAD,TVD,ACHD,SA-VSD,SEV INF PS,MOD-SEV RV DYSFUNCTION,GOOD LV,SR,HTN,OLD IE	CABG X 3 GRAFT9LIMA-LAD, RSVG-TERMINAL OM, RPDA]. TRANS RA - PA ICR	DR. PRAVEEN VARMA P.K.
████	████	38	M	16-Feb-12	CAD, TVD, GOOD LV, SR, DM	CABG X 4 GRAFTS [LIMA-LAD, RSVG - LPDA, OM1, D1]	DR. PRAVEEN VARMA P.K.
████	████	14	F	18-Feb-12	S/P PERICARDIECTOMY	SECONDARY SUTURING	DR.PRAVEEN REDDY B.
████	████	58	M	21-Feb-12	CAD, TVD, GOOD LV, SR,DM, HTN	CABG X 3 GRAFTS (LIMA-LAD, RSVG-MAJOR OM, RPDA)	DR. PRAVEEN VARMA P.K.
████	████	1	F	19-Mar-12	ACHD,POST SUUBCLAVIAN COA,TINY ASD,MILD PAH,NC,SR	RESECTION AND SIDE TO END ANASTMOSIS OF AORTA	DR. BAIJU S.DHARAN
████	████	43	F	16-May-12	ACHD,SA VSD,NCC & RCC PROLAPSE,MOD AR,NC,SR	VSD CLOSURE WITH DACRON PATCH + TRUSLERS REPAIR OF AV	DR. VIVEK V. PILLAI

**CASES ASSISTED**

DEPARTMENT OF CVTS, SCTIMST

JAN 2012 – DEC 2014

HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	55	M	29-May-12	MVP OF AML, SEV MR, DILATED LV, GOOD LV, SR, NC	MVR # 29 SJM + PMLP	DR. VARGHESE T.PANICKER
████	██████████	58	M	31-May-12	RHD,SEV CAL AS,MOD-SEV MS,MOD MR,MLD AR,AF,NC	DVR-AVR# 19 CHVP, MVR# 25 CHVP+ LA CLOT REMOVAL	DR. VIVEK V. PILLAI
████	██████████	55	F	31-May-12	CAD,TVD,OLD IWMI,GOOD LV,SR,DM,HTN,DLP,HYPOTHYROIDISM	CABG X 3 GRAFTS (LIMA - LAD, RSVG - D1, LPDA	DR. JAYAKUMAR K
████	██████████	2	F	8-Jun-12	ACHD,PERIMEMBRANOUS VSD,SEV PAH,SR,RACHS II	GORTEX PATCH CLOSURE OF VSD	DR.THOMAS MATHEW
████	██████	11	M	21-Jun-12	CCHD,TOF,CONF PA,DOWNS,TREATED LEUKEMIA	ICR WITH TAP + PTFE MONOCUSP RECONSTRUCTION OF	DR.THOMAS MATHEW
████	██████████	12	F	22-Jun-12	CCHD,D-TGA, VSD, PS,S/P BDG, CONFL PA, GD VENTRICULAR FUNCTION, SR	EXTRACARDIAC TCPC USING 20MM PTFE WITH 4 MM FEESTRATION	DR. BAIJU S.DHARAN
████	██████████	5	M	6-Jul-12	CCHD,TOF, GOOD CONFLUENT PA,BICUSPID PULMONAARY VALVE, SR,RACHS2	TRANS RA-PA ICR	DR.THOMAS MATHEW
████	██████	2	M	16-Jul-12	CCHD,VSD,PA,PDA,ASD,LAD CROSSING RVOT,SR	RIGHT MODIFIED BT SHUNT WITH 4MM PTFE GRAFT	DR.THOMAS MATHEW
████	██████	3	M	20-Jul-12	TOF, CONFLUENT FAIR PA, NORMAL CORONARIES	ICR + TAP + 0.1MM PTFE MONOCUSP PULMONARY VALVE RECONSTRUCTION	DR.THOMAS MATHEW
██	██████████	68	M	1-Aug-12	RHD,P/CMV(68)/OMV(81),SEV MS,MOD MR/PAH,GD LV,AF,CAD,2VD,DM	CABG X 2 GRAFTS(RSVG-PRECRUX RCA, MAJ OM) + MVR # 29 PM	DR. JAYAKUMAR K
████	██████	28	F	14-Aug-12	ACHD, OS ASD, ANOMALOUS LUPV, SEV PAH, SR	DIRECT CLOSURE OF THE ASD	DR. VARGHESE T.PANICKER
████	██████████	59	M	14-Aug-12	CAD, LMCA, OLD MI, FAIR LV, SR, HTN, DM, MILD RENAL DYSFUNCTION, B/L CAROTID ARTERY STENOSIS	CABG X 4 GRAFTS (LIMA-LAD, RSVG - RI,OM1, TERMINAL OM)	DR. JAYAKUMAR K
████	██████	51	M	21-Aug-12	CAD,TVD,MILD MR,GOOD LV,SR,HTN,DLP	CABG X 5 GRAFT (LIMA- LAD, RSVG-D1, D2, MAJOR OM, RPLB)	DR. PRAVEEN VARMA P.K.
████	██████████	50	M	23-Aug-12	CAD,LMCA+TVD,GOOD LV,SR,DM,DLP	CABG X 5 GARFTS (LIMA -LAD, RSVG - D1, D2, EARLY OM, DISTAL RCA)	DR. JAYAKUMAR K
██	██████	59	F	24-Aug-12	RHD, SEV CAL MS, P/CMV, MILD PAH, CAD, DVD, MILD LVD, AF	MVR # 27 CHVP + CABG X 1 GRAFT ( RSVG - TERMINAL OM)	DR. VIVEK V. PILLAI
████	██████	56	M	7-Sep-12	CAD, TVD, RECENT IWMI, MOD LV DYSFUNCTION, SR, HTN, DM, DLP	CABG X 5 GRAFTS (LIMA TO LAD; RSVG TO D1,OM1,OM2, RPDA, OM1 PIGGY BACK TO D1)	DR. JAYAKUMAR K
████	██████████	61	M	10-Sep-12	CAD, TVD, SEV LV DYSFUNCTION, SR, LEFT HYDROCELE	CABG X GRAFT (LIMA TO LAD, RSVG TO RPDA, RPLB, D1) + LV PLICATION	DR. JAYAKUMAR K
████	██████	28	M	12-Sep-12	RHD, SEV AR, SEV MR, MILD AS, MILD MS, DILATED LV, MILD LV DYSFUNCTION, SR	AVR #25 CHVP + MV REPAIR WITH #28 SJ SADDLE RING	DR. PRAVEEN VARMA P.K.
████	██████	60	M	14-Sep-12	RHD,SEV MS, MOD MR, MOD AS, MOD AR, MOD PAH, MILD LVD, SR, NC	DVR - MVR #25SJM +PMLP & AVR # 21 CHVP	DR. PRAVEEN VARMA P.K.

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████	██████████	27	F	18-Sep-12	RHD,SEV MR, MILD MS, MILD TR, MOD PAH, DIL LV, GD LV, SR	MVR #29 CHVP	DR. PRAVEEN VARMA P.K.
████	██████████	11	F	18-Sep-12	ACHD,OS-ASD,GOOD LV,MILD PAH,SR	TPP CLOSURE OF OS-ASD	DR.SREEVATHSA K. S. PRASAD
███	██████	49	F	20-Sep-12	RHD, P/BMV (2007), SEV RE-MS, MOD MR, SEV CAL AS, MILD AR, SEV TR, MOD TS, MOD PAH, AF, GOOD LV, NC	DVR - MVR #23 SJM + AVR #17 CHVP, TVA - COMMUSIROTOMY & #28 MC3 RING	DR. PRAVEEN VARMA P.K.
███	████	48	F	20-Sep-12	RHD, P/CMV (1994), SEV RE MS, MILD MR, GOOD LV, AF, LA CLOT	MVR # 25 SJ + LA CLOT REMOVAL	DR. PRAVEEN VARMA P.K.
████	██████████	53	M	21-Sep-12	RHD, P/CMV, SEV RE MS, MILD MR, MOD AR, SEV TR, GOOD LV, AF, SVD(D1)	DVR (MVR # 25 SJM WITH PMLP + AVR #21 CHVP ) + #28 MC3 TRICUSPID VALVE ANNULOPLASTY	DR. PRAVEEN VARMA P.K.
████	██████████	51	M	21-Sep-12	CAD,LMCA+TV D, MOD-SEV LV DYSFUNCTION, SR, DM	CABG X 5 GRAFT (LIMA-LAD, RSVG TO D1, OM2, TERMINAL OM, RCA)	DR. JAYAKUMAR K
████	██████	41	M	21-Sep-12	CAD, TVD, P/PTCA-RCA, ISR, GOOD LV, DM, HTN, PVOD, SR	CABG X 3 GRAFT (LIMA-LAD, RSVG- DIAGONAL, DISTAL RCA)	DR. JAYAKUMAR K
████	██████████	63	F	25-Sep-12	ACUTE TYPE A DISSECTION, ASC AORTIC ANEURYSM, MOD AR, GOOD LV, HTN, SR	SUPRACORONARY ASC. AORTA REPLACEMENT WITH 26MM ALBO GRAFT + AORTIC VALVE RE-SUSPENSION	DR. JAYAKUMAR K
████	██████	47	M	1-Oct-12	CAD, TVD, GOOD LV, SR, DM, HTN	CABG X 3 GRAFT (LIMA - LAD, RSVG - OM2, RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	25	M	16-Oct-12	MVP OF AML&PML,SEV MR,MILD TR,DIL LV,GD LV FN,SR	MV REPAIR - PPLICATION OF CLEFT BETWEEN P1 & P2 + #35 TAYLORS RING ANNULOPLASTY	DR. PRAVEEN VARMA P.K.
████	██████████	36	M	29-Oct-12	RHD,SEV MR,MOD MS,MOD PAH,GD LV,AF	MVR # 25 CHVP + PMLP	DR.MANISH MATHEW
████	██████████	3	M	14-Nov-12	ACHD, OP ASD, CLEFT AML, ADDITIONAL OSASD, MILD MR, MILD TR, MOD PAH, GD LV, SR	AVCD REPAIR BY SINGLE PATCH TECHINQUE, TPP CLOSURE OF OSASD	DR. SABARINATH MENON
████	██████	10	F	16-Nov-12	S/P DOTY'S AORTOPLASTY, STERNAL WOUND INFECTION	STERNAL WIRE REMOVAL & SECONDARY SUTURING	DR. THOMAS MATHEW
████	██████	2	M	16-Nov-12	ALCAPA,S/P LCA TRANSLOCATION, STERNUM OPEN	DELAYED STERNAL CLOSURE	DR. THOMAS MATHEW
████	██████████	4	M	21-Nov-12	OS ASD, TINY PDA, GOOD LV, SR	OS ASD CLOSURE + PDA INTERPUTION	DR. SABARINATH MENON
████	██████████	0	M	31-Dec-12	S/P VSD CLOSURE+ARCH REPAIR+ASD RESTRICTION+STENTED STERNUM	DSC	DR. THOMAS MATHEW
████	██████████	0	M	11-Jan-13	S/P ARCH REPAIR+ VSD CLOSURE, PA LINE INSITU	PA LINE REMOVAL	DR. SABARINATH MENON
████	██████	13	F	14-Jan-13	CCHD, TOF, GOOD PA, FENESTRATED IAS, MOD PR,NC	ICR + TAP + MONOCUSP RECONSTRUCTION OF RVOT + BOVINE PP CLOSURE OF ASD	DR. SABARINATH MENON
████	██████████	5	F	24-Jan-13	S/P ICR+LPA PLASTY, PERICARDIAL EFFUSION	SUBXIPHOID PE DRAINAGE	DR. SABARINATH MENON

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████	████	4	M	28-Jan-13	CCHD, B/L PAPVC - RUPV/LUPV, NO ASD	WARDENS PROCEDURE + LUPV TO LA ANASTMOSIS	DR. THOMAS MATHEW
████	████	8	F	29-Jan-13	CCHD, SV, D POSED AORTA, SEV PS, GOOD CONFL PA, SR	BDG + MPA BANDING	DR. SABARINATH MENON
████	████	9	F	30-Jan-13	OSASD, MILD MR,SR	TPP CLOSURE OF ASD VIA MINISTERNOTOMY	DR. THOMAS MATHEW
████	████	2	F	4-Feb-13	ACHD, SPVSD, SEV PAH, SR	TRANS PA CLOSURE OF VSD	DR. THOMAS MATHEW
████	████	4	F	4-Feb-13	LEFT ATRIAL ISOMERISM, SV ASD, JUNCTIONAL RHYTHYM	TPP CLOSURE OF ASD	DR. THOMAS MATHEW
████	████	2	M	5-Feb-13	LARGE INLET VSD, STRADDLING TV, SEV PAH, LARGE PDA, CLEFT LIP	BOVINE PATCH CLOSURE OF VSD + PDA INTERPUTION + PP AUGMENTATION OF PA CONFLUENCE + OPEN STERNUM	DR. BAIJU S.DHARAN
████	████	1	F	6-Feb-13	S/P TAPVC REPAIR, DSWI	WOUND DEBRIDMENT AND STERNAL REWIRING	DR. BAIJU S.DHARAN
████	████	8	M	6-Feb-13	OS ASD, GOOD LV	TPP CLOSURE OF ASD	DR. BAIJU S.DHARAN
████	████	2	F	7-Feb-13	SA VSD, SEV PAH, SR	BOVINE PP CLOSURE OF VSD	DR. BAIJU S.DHARAN
████	████	4	F	12-Feb-13	TOF, CONF PA, RT ARCH, SR	ICR +TAP + MONOCUSP VALVE RECONSTRUCTION (GP CLOSURE OF VSD + INFUNDIBULAR RESECTION)	DR. THOMAS MATHEW
████	████	1	M	17-Feb-13	SA, DC, CA, SV (LV), D-TGA, SEV PS, CONFLUENT PA	RIGHT MODIFIED BT SHUNT WITH 3.5MM PTFE TUBE	DR. THOMAS MATHEW
████	████	7	F	20-Feb-13	FENESTRATED IAS, MOD VALVULAR PS, FAILED BPV, SR	TPP CLOSURE OF ASD + PULMONARY VALVOTOMY	DR. SABARINATH MENON
████	████	1	M	21-Feb-13	S/P RMBTS, STENTED STERNUM	DSC	DR. THOMAS MATHEW
████	████	2	M	21-Feb-13	S/P VSD CLOSURE + PDA INTERPUTION (5/2/13) , CHB	EPICARDIAL PACING LEAD PLACEMENT	DR. THOMAS MATHEW
████	████	5	M	22-Feb-13	ACHD,OS ASD,SR	TPP CLOSURE OF ASD CLSOURE	DR. THOMAS MATHEW
████	████	2	M	22-Feb-13	ACHD, SA VSD, MILD AR,SR	GORTEX PATCH CLOSURE OF VSD CLOSURE	DR. SABARINATH MENON
████	████	1	M	27-Feb-13	S/P ATRIAL SEPTECTOMY, PA BANDING STENTED STERNUM	DSC	DR. THOMAS MATHEW
████	████	3	M	27-Feb-13	ACHD, SV ASD, PAPVC (RUPV), SR	WARDEN'S PROCEDURE	DR. THOMAS MATHEW
████	████	1	F	28-Feb-13	ACHD, PM VSD, MOD PAH	GORTEX PATCH CLOSURE OF VSD	DR. SABARINATH MENON

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████	████	5	M	28-Feb-13	ACHD, SV ASD, RT PAPVC	DOUBLE PATCH CLOSURE	DR. THOMAS MATHEW
████	██████████	10	M	1-Mar-13	CONGENITAL SEV AR, RUDIMENTARY NCC, SR	PERICARDIAL PATCH EXTENSION OF NCC AND SUBCOMMISURAL ANNULOPLASTY	DR. BAIJU S.DHARAN
████	██████	1	F	1-Mar-13	S/P PA BANDING,WOUND GAPING	WOUND DEBRIDEMENT AND SECONDARY SUTURING	DR. SABARINATH MENON
████	██████	24	F	4-Mar-13	ACHD, OSASD, SEV PAH	FENESTRATED ASD CLOSURE WITH TPP	DR. BINEESH K. R.
████	██████	54	F	4-Mar-13	CAD, TVD, GD LV, SR, DM, HTN, HYPOTHYROIDISM, BA	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJ D, RPDA, TERMINAL OM	DR. JAYAKUMAR K
████	██████████	48	M	5-Mar-13	CAD, DVD, GD LV, SR, HTN, DLP, HBSAG +VE	CABG X 5 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, OM1, TERMINAL OM	DR. JAYAKUMAR K
████	██████	18	F	5-Mar-13	RHD,SEV MR,MILD MS,MILD AR,MOD TR,SEV PAH,GD LV SR	MVR WITH 25 CHVP + TRICUSPID ANNULOPLASTY	DR. VARGHESE T.PANICKER
████	██████	46	F	8-Mar-13	RHD/?BAV, SEV CAL AS, MOD AR	AVR WWITH 17 SJR	DR. VIVEK V. PILLAI
████	██████	63	F	15-Mar-13	CAD,TVD, S/P PTCA (RCA,OM), ISR OF BOTH STENTS, GD LV, DM, HTN,SR	CABG X 6 GRAFT (LIMA TO LAD, RSVG TO MAJ D, OM1, OM3, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	73	M	18-Mar-13	CAD, DVD, GD LV, SR, HTN, DM, DLP	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RPDA)	DR. JAYAKUMAR K
████	██████	36	F	18-Mar-13	OS ASD, MOD PAH, GD LV, SR, HBSAG +VE	TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	45	F	20-Mar-13	CAD, LMCA, TVD, GD LV, SR, DM, HTN, RA	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RI, RPDA)	DR. JAYAKUMAR K
████	██████████	79	M	21-Mar-13	CAD,TVD,MOD MR,MOD PAH,GD LV,SR DM,HTN,DLP	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR D, TERM OM, RPDA) + MV REPAIR WITH 26 SADDLE RING	DR. JAYAKUMAR K
████	██████████	26	M	22-Mar-13	ACHD, OSASD, S/P FAILED DC, SEV TR FOLLOWING DEVICE RETRIVAL (ATL TEAR), MILD PAH, GD LV, SR	TPP CLOSURE OF ASD + ATL REPAIR (REATTACHMENT TO ANNULUS)	DR. VARGHESE T.PANICKER
████	██████████	58	F	22-Mar-13	CAD, TVD, GD LV, SR, DM, HTN, DLP, POVD, LEFT CAROTID ARTERY STENOSIS	CABG X 5 GRAFT (LIMA-LAD, RSVG - D1, D2, MAJOR OM, RPDA, D2 PIGGY BACK TO D1)	DR. JAYAKUMAR K
████	██████████	56	M	25-Mar-13	CAD, TVD, S/P PCI (LAD, D), GD LV, SR, DM, HTN, DLP. LT VV	CABG X 4 GRAFT (LIMA TO LAD, RSVG - LOWER BRANCH OF D2, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████	66	F	25-Mar-13	RHD, SEV MS (S/P CMV-30YRS BACK & BMV-05,11), MOD TR, MOD PAH, GD LV, NC, AF	MVR #27 SJM + LA CLOT REMOVAL	DR. VARGHESE T.PANICKER
████	██████████	56	M	26-Mar-13	CAD, TVD, GD LV, MILD PAH, HTN, MILD AR, MOD MR, HTN, SR	CABG X 5 GRAFTS LIMA-LAD, RSVG TO D 2, TERM OM, RPDA & PLB	
████	██████████	58	M	26-Mar-13	CAD,TVD, S/P PTCA TO PDA SR, DM,HTN DLP	CABG X5GRAFT LIMA- LAD,RSVG- D1, MAJ OM, TERM OM,RPDA	DR. VIVEK V. PILLAI

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████	████	9	M	1-Apr-13	ACHD, MULTIPLE ASD, MILD LPA ORIGIN STENOSIS, SR	TPP CLOSURE OF ASD	DR. MOHAMMED IDHREES A.
████	████	45	F	2-Apr-13	LA MYXOMA, MOD PAH, MILD MR, GOOD LV, SR,CHF	LA MYXOMA EXCISION + TPP CLOSURE OF ASD	DR. VIVEK V. PILLAI
████	████	60	M	2-Apr-13	CAD, TVD, GD LV, SR, HTN, B/L FILARIASIS (R >> L)	CABG X 5 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, TERMINAL OM, RPDA)	DR. JAYAKUMAR K
████	████	35	M	3-Apr-13	VSD, SUB AORTIC MEMBRANE, AS, AR, PDA,ASC AORTIC ANEURYSM	BENTALL AV#29 CHVP, 30 ALBOGRAFT, VSD CLOSURE, PDA INTERRUPTION	DR. JAYAKUMAR K
████	████	53	M	4-Apr-13	CAD, SA, GD LV, DM, SR, BAV	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	████	51	M	5-Apr-13	CD,TVD,GDLV,DM,HTN,DLP,SR	CABGX 4 GRAFTS LIMA-LAD AND RSVG TO D1, D2 TERM OM, PDA AND SECOND PLD	DR. JAYAKUMAR K
████	████	49	F	5-Apr-13	RHD, S/P BMV, SEV MS, MOD MR, MILD AR, MOD PH, SR, SEIZURE DISORDER	MVR #29 SJM + PMLP	DR. VARGHESE T.PANICKER
████	████	48	M	8-Apr-13	CAD, OLD IWMI, LMCA+TVD, S/P PCI TO LAD/RCA, GD LV, SR, HTN	CABG X 5 GRAFT (LIMA TO LAD, RSVG TO D1, D2, MAJOR OM, PRECRUX RCA)	DR. JAYAKUMAR K
██	████	77	M	8-Apr-13	CAD, TVD, MVP, FLAIL PML, SEV MR, SEV PAH, AF, GD LV, HTN, GLUCOMA, H/O IE	CABG X 4 GRAFT (RSVG TO D1, OM1, TERMINAL OM, RPDA. D1 PIGGY BACK TO OM1) + MVR WITH # 29 PM	DR. JAYAKUMAR K
██	████	75	M	9-Apr-13	CAD, TVD, OLD ASMI, GD LV, SR	CABG X 3 GRAFT - LIMA TO LAD, RSVG TO MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	████	59	M	9-Apr-13	SEV AR, SEV MR, ASCENDING AORTA DILATION, DILATED LV, MILD LV DYSFUNCTION, NC,MILD RENAL DYSFUNTION	AVR # 23 PM + MV REPAIR WITH 27 TAILOR RING + AORTOPLASTY WITH DARCON WRAP	DR. VARGHESE T.PANICKER
████	████	70	F	10-Apr-13	S/P CABG,SSI	SECONDARY SUTURING	DR. JAYAKUMAR K
████	████	61	M	10-Apr-13	CAD, TVD, GOOD LVD, SR, DM, HTN, DLP	CABG X 5 GRAFT (LIMA TO LAD, RSVG - D2, MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	████	57	M	11-Apr-13	CAD TVD,GDLV,SR	CBG X 5 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, RI, TERMINAL OM, RPDA)	DR. JAYAKUMAR K
██	████	54	F	12-Apr-13	RHD, S/P CMV, SEV MS, MOD MR, MILD TR, MOD PAH, GD LV, PAROXYMAL AF, H/O CVA	MVR #23 SJM + PMLP	DR. PRAVEEN VARMA P.K.
████	████	65	M	22-Apr-13	CAD,TVD,GD LV,SR,HTN,H/O CVA ('94)	CABG X 5 GRAFT (LIMA- LAD, MAJOR DIAGONAL, RSVG- MAJOR OM, TERMINAL OM, RPDA) LAD & MAJ D / BOTH OM 'S - SEQUENTIALLY GRAFTED	DR. JAYAKUMAR K
████	████	55	M	23-Apr-13	CAD,LMCA, TVD,GD LV,DLP, SR	CABG X 4 GRAFT (LIMA-LAD, RSVG- MAJOR DIAGONAL, MAJOR OM, PRECRUX RCA) OM PIGGY BACK TO MAJOR DIAGONAL	DR. JAYAKUMAR K
████	████	46	M	24-Apr-13	RHD, SEV CAL MS, MOD MS, MOD MR, SEV PAH, MILD TR, GD LV, AF, NC	MVR # 25 SJM	DR. VIVEK V. PILLAI
████	████	71	M	25-Apr-13	CAD, TVD, MILD LV DYSFN, SR, DM, HTN	CABG X 4 GRAFT (LIMA TO LAD, RSVG - MAJOR OM, INFERIOR BRANCH OF RI, RPDA)	DR. PRAVEEN VARMA P.K.

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████	██████████	46	F	25-Apr-13	EHLER DANLOS SYNDROME, TYPE A AORTIC DISSECTION, MOD AR, GD LV, SR	SUPRACORONARY AORTIC REPAIR WITH 26 ALBOGRAFT + AORTIC RESUSPENSION + CABG TO PROXIMAL RCA	DR. JAYAKUMAR K
████	██████████	61	M	26-Apr-13	CAD, TVD, GD LV, SR, HTN, DM, DLP	CABG X 5 GRAFT (LIMA-LAD, RSVG-D1, MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	69	M	29-Apr-13	CAD,SVD(LAD),GDLV,OLD AWM,SR,DM	OPCABG X 2 GRAFT (LIM-LAD, RSVG-MAJOR DIAGONAL)	DR. JAYAKUMAR K
████	██████████	23	F	29-Apr-13	ACHD,SAVSD,SEV PAH,PROLAPSED AML,MOD MR,DILATED ANNULUS,PDA,GDLV,SR	DACRON PATCH CLOSURE OF SA VSD+MV REPAIR(NO 30 SADDLE RING SJM)+TRANS PA PDA CLOSURE	DR. VIVEK V. PILLAI
████	██████████	16	F	30-Apr-13	ACHD, OS ASD, NO PAH, GOOD LV, SR	TPP CLOSURE OF ASD VIA RIGHT THOROCOTOMY	DR. VARGHESE T.PANICKER
████	██████████	47	F	30-Apr-13	MVP, SEV MR, MILD PAH, GOOD LV, SR, BA, HTN, CERVICAL SPONDYLITIS	MV REPAIR( QUADRANGLUAR RESECTION OF P1 AND P2 SEGMENTS) WITH NO 35 TAYLOR RING	DR. PRAVEEN VARMA P.K.
████	██████████	60	M	2-May-13	CAD,TVD,OLD IWMI,GDLV,SR,HTN	CABG X 5 GRAFT (LIMA-LAD, RSVG- D1,D2, MAJOR OM,RPDA)	DR. VIVEK V. PILLAI
████	██████████	57	M	2-May-13	TYPE II AORTIC DISSECTION WITH PSEUDOANEURYSM, MOD AR, GD LV, SR.	SUPRACORONARY AORTIC REPLACEMENT WITH 26 ALBOGRAFT UNDER TCA	DR. JAYAKUMAR K
████	██████████	58	M	3-May-13	CAD, DVD, GOOD LV, SR, DM, DLP	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, POST CRUX RCA)	DR. VIVEK V. PILLAI
████	██████████	24	F	3-May-13	ACHD,OSASD,NO PAH,GDLV,SR	TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	39	F	13-May-13	RHD, SEV MR, MOD MS, MILD AR/ TR, SEV PAH, GOOD LV, AF,	MVR #29 SJM + PMLP	DR. VIVEK V. PILLAI
████	██████████	61	M	13-May-13	CAD, DVD, S/P PCI (99) GOOD LV, SR, DM	OPCABG X 2 GRAFT (LIMA-LAD, RSVG - PRECRUX RCA)	DR. JAYAKUMAR K
████	██████████	57	M	14-May-13	CAD,TVD,DM,HTN,DLP,CVA(LT)	CABG X 4 GRAFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. JAYAKUMAR K
███	██████████	65	M	14-May-13	RHD, RE SEV MS, MOD MR, MILD AR, SEV PAH, AF, S/P CMV, GOOD LV, NC	MVR WITH 29 SJM + TV REPAIR	DR. VARGHESE T.PANICKER
███	██████████	65	M	15-May-13	S/P DVR WITH MEDIASTINAL BLEEDING	REXPLORATION	DR. VARGHESE T.PANICKER
████	██████████	73	M	15-May-13	CAD,TVD,MILD LVD, SR,DM,HTN,CKD	CABG X 5 GRAFT (LIMA-LAD, RSVG - D1, OM1, OM2, RPDA)	DR. JAYAKUMAR K
████	██████████	72	M	16-May-13	CAD,TVD,GDLV,SR,HTN,DM,DLP, HYPOTHYROIDISM, OA RT HIP	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR OM, PRECRUX RCA)	DR. JAYAKUMAR K
████	██████████	73	F	17-May-13	CAD, TVD, GOOD LV, SCLEROTIC AV, SR, HTN, (L) PVOD, (R) VV	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM2, OM3, RPDA)	DR. JAYAKUMAR K
████	██████████	26	M	20-May-13	RHD, SEV CAL MS, MILD MR,MILD AR,SEV PAH,GD LV,SR	MVR WITH NO 27 SJM	DR. VIVEK V. PILLAI

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	58	M	21-May-13	ACHD,OS ASD,MOD PAH,NC,SR	ACHD,OS ASD,MOD PAH,NC,SR	DR.GEORGE J VALOORAN
████	██████████	53	M	21-May-13	CAD, DVD, POST IWMI (2004), GOOD LV, DM, HTN, SR.	CABG X GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL,RPDA, RPLB,)	DR. JAYAKUMAR K
████	██████████	63	M	22-May-13	CAD, DVD, OLD ACS, GOOD LV, SR, DM, LEFT VV, B/L P/VD	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RI, OM2)	DR. JAYAKUMAR K
████	██████████	20	M	22-May-13	ACHD, OSASD,MILD PAH,GD LV,SR	DIRECT CLOSURE OF OS ASD	DR. BINEESH K. R.
████	██████████	64	M	23-May-13	CAD, TVD, RECENT ILM, GOOD LV, SR, DM.	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM2, PRECRUX RCA) + ENDARTECTOMY OF RCA	DR. JAYAKUMAR K
████	██████████	59	M	24-May-13	CAD,TVD,GDLV,SR	CABG X 4 GRAFTS(LIMA TO LAD,RSVG TO MAJ D,MAJ OM,RCA AT CRUX)	DR. JAYAKUMAR K
████	██████████	43	M	27-May-13	CAD, TVD, GOOD LV, SR, DLP, HTN, LT EYE BLIND	CABG X GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM2, OM4, RPDA)	DR. JAYAKUMAR K
████	██████████	56	M	28-May-13	CAD, LMCA+TVD, GOOD LV, SR, DLP, REC ACS	CABG X GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RI, DISTAL RCA)	DR. JAYAKUMAR K
████	██████████	55	M	28-May-13	CAD, LMCA +TVD,GOOD LV, SR	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM1, OM2, PDA)	DR. VIVEK V. PILLAI
████	██████████	44	M	29-May-13	CAD, TVD, GOOD LV, SR, REC IWMI, DM, HTN, DLP	CABG X 5 GRAFT (LIMA-LAD, RSVG-D1, D2, MAJOR OM, AMPDA)	DR. JAYAKUMAR K
████	██████████	54	M	29-May-13	CAD, TVD, GOOD LV, SR, POST MI PERICARDITIS, HTN, DM	CABG X 6 GRAFT (LIMA-LAD, RSVG-D1, D2, OM1, OM2, PRECRUX RCA; BOTH DIAGONALS SEQUENTIALLY GRAFTED)	DR. JAYAKUMAR K
████	██████████	48	M	30-May-13	CAD,TVD,FAIR LV,SR,OLD AWSTEMI,DM	CABG X 4 GRAFTS(LIMA TO LAD,RSVG TO MAJ D,MAJ OM,RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	38	F	30-May-13	RHD, S/P BMV, RE-SEV CAL MS, MOD MR, MILD PAH, GOOD LV, AF, HTN, OLD CVA	MVR WITH 27 SJM + PMLP + BICUSPIDISATION OF TRICUSPID VALVE	DR. VARGHESE T.PANICKER
████	██████████	53	F	31-May-13	CAD, TVD, SEV LVD, FAIR RV, SR, DM, HTN, DLP, H/O PUL EMBOLISM	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	40	M	3-Jun-13	CAD, LMCA+TVD, GOOD LV, SR, DLP	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	70	M	4-Jun-13	CAD,TVD, OLD IWMI(2005), GOOD LV, SR, DM, HTN, DLP, RIGHT HEMIPLEGIA (1999)	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM2, TERMINAL OM, RPDA)	DR. JAYAKUMAR K
████	██████████	65	M	4-Jun-13	CAD, TVD, OLD IWMI, GDLV, SR, DM, HTN	CABG X 4 GRAFTS (LIMA-LAD, RSVG - OM1, OM2, DISTAL RCA) + ENDARTECTOMY )	DR. JAYAKUMAR K
████	██████████	46	F	5-Jun-13	MVP, SEV MR, GOOD LV, SR,NC, HTN	MV REPAIR (TRIANGULAR RESECTION OF P2 SEGMENT + ANNULOPLASTY WITH #25 TAYLOR RING)	DR. VARGHESE T.PANICKER
████	██████████	60	M	6-Jun-13	SEV CAL AS, MILD AR, GOOD LV, SR, NC	AVR # 19 PM	DR. VARGHESE T.PANICKER

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	59	M	7-Jun-13	CAD, SVD, GOOD LV, SR, HTN	CABG X 2 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL)	DR. PRAVEEN VARMA P.K.
████	██████████	53	F	7-Jun-13	ACHD, OS ASD (IVC TYPE), SEV PAH, GOOD LV, SR	TPP CLOSURE OF ASD + INSPECTION OF RLPV UNDER TCA	DR. VARGHESE T.PANICKER
████	██████████	47	M	10-Jun-13	CAD, DVD, OLD MI, REC ACS, MOD LVD, SR, DM, HTN, LEFT VV	CABG X 4 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, LPLB)	DR. JAYAKUMAR K
████	██████████	54	M	10-Jun-13	CAD, TVD, MOD LVD, SR, DM, HTN, DLP, B/L POVD, S/P B/L PTCA-SFA, CHRONIC PANC	CABG X 4 GRAFT (LIMA - LAD, RSVG - MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	55	M	11-Jun-13	CAD, TVD, MOD LVD, SR, DM	CABG X 6 GRAFT (LIMA - LAD, RSVG - RI, OM1, OM2, RPDA, RPLB ; RPLB PIGGY BACK GRAFTED TO RPDA)	DR. JAYAKUMAR K
████	██████████	56	M	13-Jun-13	CAD, DVD, BAV, CALCIFIC AV WITH MODERATE AS, MILD AR, GOOD LV, SR, HTN	CABG X 3 GRAFT (LIMA - LAD, RSVG -MAJOR DIAGONAL, EARLY RPDA) + AVR # 19 CHVP	DR. JAYAKUMAR K
████	██████████	62	F	14-Jun-13	CAD, TVD, GOOD LV, SR, HTN, DM, LEFT LL SHORTENING	CABG X 4 GRAFT (LIMA - LAD, RSVG - MAJOR OM, AM, RPDA) + END ARTERECTOMY OF MAJOR OM	DR. JAYAKUMAR K
████	██████████	54	M	17-Jun-13	CAD, TVD, GOOD LV, SR, DM	CABG X 5 GRAFT (LIMA - LAD, RSVG - D1, D2, MAJOR OM, RCA AT CRUX) + END ARTERECTOMY	DR. JAYAKUMAR K
████	██████████	36	M	18-Jun-13	MVP, SEV MR, MOD PAH, GOOD LV, SR WITH SINUS PAUSE	MVR WITH # 31 SJM + PMLP	DR. PRAVEEN VARMA P.K.
████	██████████	61	M	18-Jun-13	S/P CABG+MV REPAIR, SSI OF LEG WOUND	SSG OF THE LEFT LEG WOUND	DR. JAYAKUMAR K
████	██████████	52	F	19-Jun-13	RHD, S/P CMV, SEV CAL AS, MOD AR, MOD RE MS, MOD MR, MOD PAH, SR, NC	DVR (MVR # 23 SJM + AVR # 17 SJR) + AORTOPLASTY WITH BOVINE PERICARDIUM	DR. PRAVEEN VARMA P.K.
████	██████████	51	M	20-Jun-13	RHD, SEV MS, MILD MR, SA VSD, MOD PAH, GOOD LV, AF, NC	MVR #31 SJM + PARTIAL PMLP + DIRECT CLOSURE OF VSD + LAA EXCLUSION	DR. VIVEK V. PILLAI
████	██████████	42	M	21-Jun-13	RHD,SEV AS, MOD-SEV AR, MILD MS/MR,GOOD LV, SR, NC	AVR # 23 CHVP	DR. PRAVEEN VARMA P.K.
████	██████████	40	M	24-Jun-13	CAD,TVD, DM, DLP, POLIOMYELITIS - LEFT LEG	CABG X 6 GRAFT (LIMA - DISTAL LAD; RSVG - MID LAD, MAJOR DIAGONAL, MAJOR OM, RPDA, RPLB)	DR. PRAVEEN VARMA P.K.
████	██████████	56	M	25-Jun-13	CAD, DVD, OLD AWWMI (2006), PTCA TO RCA(2008), GOOD LV, SR, HTN	CABG X 3 GRAFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, MAJOR OM)	DR. PRAVEEN VARMA P.K.
████	██████████	66	M	26-Jun-13	CAD, AWWMI, TVD, SEV LV DYSFUNCTION, MILD MR, SR, HTN	CABG X 4 GARFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, RPDA ; MAJOR DIAGONAL AND RPDA PIGGY BACK TO MAJOR OM)	DR. JAYAKUMAR K
████	██████████	56	F	27-Jun-13	CAD, TVD,GOOD LV, SR, HTN, APD	CABG X 5 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL,OM2, TERMINAL OM, RPDA)	DR. JAYAKUMAR K
████	██████████	58	M	27-Jun-13	CAD,TVD,GDLV,SR,HTN,DLP,TRIVIAL AR	CABG X 4 GRAFT (LIMA - LAD, RSVG - MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	26	M	3-Jul-13	SP VSD, RSOV, RCC PROLAPSE, MILD AR, SR	DIRECT VSD CLSOURE + AORTIC VALVE REPAIR	DR. THOMAS MATHEW

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	████	2	F	4-Jul-13	P/AVCD REPAIR WITH RETAINED PA LINE	SUTURING	DR. SABARINATH MENON
████	████	2	F	4-Jul-13	P/AVCD REPAIR WITH RETAINED PA LINE	PA LINE REMOVAL	DR. SABARINATH MENON
████	████	1	M	6-Jul-13	PA,VSD, PDA DEPENDENT PULMONARY CIRCULATION, GOOD PA ANATOMY, SR	RMBTS WITH 3 MM PTFE GRAFT	DR. BAIJU S.DHARAN
████	████	4	F	8-Jul-13	TOF, CONFLUENT PA, SEVERE LPA ORIGIN STENOSIS, PDA, SR, NC	ICR + MONOCUSP VALVE RECONSTRUCTION WITH PTFE + LPA PLASTY WITH TPP + PDA INTERPUTION + BICUSPIDISATION OF TV	DR. THOMAS MATHEW
████	████	3	M	8-Jul-13	OS ASD, MVP OF AML, MILD MR, GOOD LV, SR	DIRECT CLOSURE OF ASD VIA MINISTERNOTOMY	DR. THOMAS MATHEW
████	████	2	F	9-Jul-13	P/ICR FOR TOF WITH SSSI	SECONDARY SUTURING	DR. THOMAS MATHEW
████	████	1	F	9-Jul-13	CCH, CAVCD (RASTELLI TYPE A), PDA, ASD, SEV PAH, SR	ICR BY DOUBLE PATCH TECHNIQUE (BPP CLOSURE OF VSD + TPP CLOSURE OF OP ASD) + PFO OPEN	DR. BAIJU S.DHARAN
████	████	0	M	11-Jul-13	OBSTRUCTED IC TAPVC, SEV PAH, ASD, LARGE PDA, SR	TAPVC REPAIR (SUTURELESS TECHINQUE ) + PDA INTERPUTION	DR. BAIJU S.DHARAN
████	████	2	M	12-Jul-13	TA ,LARGE VSD,OS ASD, SEV PAH, S/P PA BANDING	BDG + ATRIAL SEPTECTOMY + PA BAND TIGHTENING + MV REPAIR	DR. BAIJU S.DHARAN
████	████	0	M	16-Jul-13	TAUSING BING ANOMALY, MULTIPLE VSD, S/P BAS, LAD FROM RCA, PRESERVED LV, SR	ASO + MULTIPLE VSD CLOSURE + INFUNDIBULAR PLASTY + RVOT PATCH	DR. BAIJU S.DHARAN
████	████	8	F	17-Jul-13	ACHD, SP VSD, GOOD LV, SR	DIRECT CLOSURE OF VSD THROUGH PA	DR. SABARINATH MENON
████	████	3	M	17-Jul-13	DORV, LARGE SA VSD, MULTIPLE MUSCULAR VSD, SEV PS, SR	ICR WITH MULTIPLE VSD CLOSURE + TAP WITH TPP + PTFE MONOCUSP VAVLE RECONSTRUCTION	DR. THOMAS MATHEW
████	████	5	M	18-Jul-13	DORV, SA VSD, PS, GOOD CONFLUENT PA, SR	ICR + TAP + MONOCUSP VALVE RECONSTRUCTION	DR. THOMAS MATHEW
████	████	2	M	18-Jul-13	LEFT ATRIAL ISOMERISM, DTGA,VSD, PA, LPA ORGIN STENOSIS, PAPVC, PDA, LARGE ASD/VSD, SR	B/L BDG + LPA PLASTY	DR. THOMAS MATHEW
████	████	0	M	19-Jul-13	CCHD, D-TGA, INTACT IVS, 1LCX 2R, CONFLUENT PA, LPA ORIGIN STENOSIS, ASD, PDA, SR	ASO + RPA PLATY WITH BOVINE PERICARDIUM	DR. BAIJU S.DHARAN
████	████	2	M	23-Jul-13	ACHD, MALALIGNED VSD, SEV PAH, SR, HYPOTHYROIDISM, DOWNS'SYNDROME	GORTEX PATCH CLOSURE OF VSD	DR. SABARINATH MENON
████	████	0	F	23-Jul-13	UNOBSTRUCTED SUPRACARDIAC TAPVC, ASD, PDA, SR	TAPVC REPAIR (SUTURELESS TECHINQUE)	DR. BAIJU S.DHARAN
████	████	2	M	24-Jul-13	CCHD, TOF, GOOD CONFLUENT PA, SR	ICR WITH TAP	DR. THOMAS MATHEW
████	████	0	M	25-Jul-13	CCHD, D-TGA, MULTIPLE VSD, 1LCX2R, PRESERVED LV LV,NC,SR	ASO + MULTIPLE VSD CLOSURE	DR. BAIJU S.DHARAN

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████	██████████	1	F	26-Jul-13	ACHD, SA VSD, MOD PAH, SR	GORTEX PATCH CLOSURE OF VSD	DR. THOMAS MATHEW
████	██████████	1	F	27-Jul-13	SA VSD,MOD PAH,NC,SR	VSD CLOSURE(RACHS 2)	DR. THOMAS MATHEW
████	██████████	0	M	28-Jul-13	S/P VSD CLOSURE, SUPRA STERNAL HEMATOMA	REEXPLORATION	DR. BAIJU S.DHARAN
████	██████████	0	M	28-Jul-13	OBSTRUCTED IC TAPVC, ASD, PDA, SR	TAPVC REPAIR	DR. BAIJU S.DHARAN
████	██████████	1	F	29-Jul-13	S/P AVCD REPAIR	PA LINE REMOVAL	DR. SABARINATH MENON
██	██████████	24	M	29-Jul-13	DORV, VSD, PS, S/P LEFT CLASSICAL BT SHUNT, H/O MENIGITISPOLAND SYNDROME	ICR WITH TAP WITH MONOCUSP VALVE RECONSTRUCTION	DR. BAIJU S.DHARAN
████	██████████	0	F	30-Jul-13	TYPE A INTERRUPTED AORTIC ARCH, MID MUSCULAR VSD, ASD, SR	SINGLE STAGE ARCH REPAIR + GP CLOSURE OF VSD	DR. BAIJU S.DHARAN
████	██████████	1	M	1-Aug-13	CHB, NO INTRACARDIAC ANOMALY	PPI	DR. THOMAS MATHEW
████	██████████	2	F	2-Aug-13	CCHD,TOF,GOOG PA,SR,NC, WITH SPELLS	ICR WITH RVOT AND MPA PATCH + PULMONARY VALVOTOMY	DR. BAIJU S.DHARAN
████	██████████	3	F	3-Aug-13	CCHD, TOF, GOOD CONFLUENT PA, SR RECURRENT SPELLS	TRANS RA ICR	DR. THOMAS MATHEW
████	██████████	1	F	3-Aug-13	S/P CAVCD REPAIR	PA LINE REMOVAL	DR. SABARINATH MENON
████	██████████	4	M	5-Aug-13	ACHD, OS ASD, GOOD LV, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.
████	██████████	3	M	12-Aug-13	ACHD, SVASD, PAPVC (RUPV), B/L SVC, SR	WARDEN'S PROCEDURE	DR. SABARINATH MENON
████	██████████	1	M	12-Aug-13	ACHD,MALALIGNED SAVSD,SEV PAH,SR	GORTEX PATCH CLSOURSE OF VSD	DR. SABARINATH MENON
████	██████████	2	M	14-Aug-13	CCHD, TOF, CONFLUENT PA, LPA STENOSIS, PDA, NC, SR	ICR WITH TAP WITH MONOCUSP VALVE RECONSTRUCTION (TAP EXTENDING INTO THE LPA) + PDA INTERRUPTION	DR. SABARINATH MENON
████	██████████	0	F	14-Aug-13	CCHD, OBSTRUCTED IC TAPVC, ASD, PDA, SR	TAPVC REPAIR + FENESTRATED ASD PATCH CLOSURE + PDA INTERRUPTION	DR. BAIJU S.DHARAN
████	██████████	0	F	16-Aug-13	S/P TAPVC REPAIR	DSC	DR. SABARINATH MENON
████	██████████	1	F	16-Aug-13	S/P ASO	DSC	DR. SABARINATH MENON
████	██████████	0	M	19-Aug-13	ACHD, POST SUB CLAVIAN COA, OS ASD, SEV PAH, BAV	COA REPAIR - EXTENDED RESECTION AND END-TO-END ANASTMOSIS	DR. THOMAS MATHEW

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████	██████████	1	F	21-Aug-13	CCHD, UNOBSTRUCTED CARDIAC TAPVC, LARGE ASD, NO PAH, SR	TAPVC REPAIR - CS CUT BACK TECHNIQUE	DR. BAIJU S.DHARAN
████	██████████	4	M	21-Aug-13	ACHD, SP-VSD, GOOD LV,SR	GORETEX PATCH CLOSURE OF SP-VSD	DR. ANANTHANARAYANAN C.
████	██████████████████	4	F	23-Aug-13	CCHD, SV(RV), SEV PS, CONF PA, LARGE ASD, GOOD VENTRICULAR FN,SR	BDG SHUNT	DR. SABARINATH MENON
████	██████████████████	1	F	26-Aug-13	CCHD, TOF, ADDITIONAL MUSC VSD, GOOD CONF PA, ACQUIRED INFUNDIBULAR ATRESIA, SR	ICR WITH TAP WITH MONOCUSP VALVE RECONSTRUCTION WITH ADD. MUCULAR VSD CLOSURE	DR. SABARINATH MENON
████	██████████	0	M	27-Aug-13	CCHD, DTGA, POSTERIOR MUSCULAR VSD, MILD PAH, 1LCX 2R, PRESERVED LV, SR	ASO + DIRECT CLOSURE OF VSD	DR. BAIJU S.DHARAN
████	██████████████████	0	M	29-Aug-13	CCHD, D-TGA, INTACT IVS, S/P BAS, REGRESSED LV, 1LCX2R, SR	ASO + DIRECT CLOSURE OF ASD	DR. BAIJU S.DHARAN
████	██████████████████	1	F	30-Aug-13	S/P ICR	DSC	DR. SABARINATH MENON
████	██████████	53	M	2-Sep-13	MVP, SEV MR, MILD PAH, GD LV, AF, NC, HTN, DM	MV REPAIR - QUADRANGULAR RESECTION OF P2 + #35 TAYLOR RING ANNULOPLASTY	DR. PRAVEEN VARMA P.K.
████	██████████	35	F	3-Sep-13	ACHD,OS ASD (RT TO LT SHUNT),,SEV PAH, RV DYS, SR	FENESTRATED FLAP VALVED TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	78	M	3-Sep-13	CAD,TVD,FAIR LV,SR,HTN	CABG X 5 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	71	M	4-Sep-13	SEV CAL AS, CAD, SVD, GD LV, SR, DM, HTN	AVR # 21 PERIMOUNT MAGNA + CABG (RSVG - LAD)	DR. VIVEK V. PILLAI
████	██████████	50	M	5-Sep-13	CAD, TVD, GD LV, SR, HTN, OLD RTA(2009)	CABG X 5 GRAFT (LIMA-LAD, RSVG - RPDA, RPLB, MAJOR OM, TERMINAL OM)	DR. JAYAKUMAR K
████	██████████	58	M	6-Sep-13	CSD, TVD, IWMI, GD LV, SR, DM, HTN, DLP	CABG X 6 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, OM1, OM3, TERMINAL OM, RPDA)	DR. JAYAKUMAR K
████	██████████	79	M	10-Sep-13	CAD, TVD, FAIR LV, SR, DM, DLP, S/P POBA TO RCA	CABG X 6 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM1, AM, RPDA, RPLB ; AM PIGGY BACK TO RPDA)	DR. JAYAKUMAR K
████	██████████████████	53	M	11-Sep-13	CAD, TVD, REC AWWMI( JUNE 13), FAIR LV, MILD MR, SR	CABG X 4 GRAFT (LIMA - LAD, RSVG - D2, MJOR OM, POST CRUX RCA )	DR. JAYAKUMAR K
████	██████████████████	62	M	12-Sep-13	CAD, TVD, MILD LV DYS, MOD MR, OLD AWWMI, REC ANGINA, SR, DM, HTN, DLP	CABG X 5 GRAFT (LIMA - LAD , RSVG - MAJOR DIAGONAL, MAJOR OM, RPDA, RPLB )	DR. JAYAKUMAR K
████	██████████	68	M	13-Sep-13	CAD, TVD, REC IWMI, GOOD LV, SR, DM, HTN	CABG X 5 GRAFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, OM1, OM3, RPDA)	DR. JAYAKUMAR K
████	██████████	34	F	23-Sep-13	ACHD,OSASD, MOD PAH, GD LV, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.
████ T	██████████████████	54	F	24-Sep-13	RHD, P/CMV (2000), P/MVR#23SJM (2013), PV THROMBOSIS, PULM EDEMA, AF, NC	REDOSTERNOTOMY + MVR# 23 SJM	DR. PRAVEEN VARMA P.K.

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████	██████████	37	M	24-Sep-13	ACHD, OS ASD, VALVULAR PS, MILD PAH, GD LV, SR, NC	TPPA CLOSURE OF ASD + PULMONARY VALVPTPMY	DR. VARGHESE T.PANICKER
████	██████	41	F	25-Sep-13	MVP, SEV MR, MILD PAH, GOOD LV, AF, NC	MVR # 31 SJM	DR. VARGHESE T.PANICKER
███ T	██████████	54	F	25-Sep-13	RHD,P/CMV,P/MVR#23SJM,PV THROMB,PULM EDEMA,AF, NC	REDO MVR # 23 CHVP	DR. PRAVEEN VARMA P.K.
████	██████████	66	M	26-Sep-13	SAM, MOD LVOTO, MOD AR, GOOD LV, SR,NC	AVR # 21 PM + SAM EXCISION + VSD CLOSURE WITH DACRON PATCH	DR. VIVEK V. PILLAI
████	██████████	68	M	27-Sep-13	CAD,TVD,OLD IWMI,GD LV,SR,DM,HTN,DLP	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	26	M	27-Sep-13	BAV, SEV AS, MOD AR, GD LV, SR	AVR # 23 CHVP	DR. VARGHESE T.PANICKER
████	██████	58	M	30-Sep-13	CAD, TVD, IWMI, FAIR LV, SR, HTN, DLP, CKD	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR OM , RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	36	M	30-Sep-13	SEV CAL AS, MOD AR,GD LV, SR, ANOMALOUS HIGH ORGIN OF RCA FROM AO	AVR #21 CHVP	DR. VARGHESE T.PANICKER
████	██████████	69	M	1-Oct-13	CAD,LMCA,TVD,FAIR LV,MOD MR,SR,DM,HTN,RENAL DYS	CABG X 4 GRAFT (LIMA-LAD, RSVG - RPDA, MAJOR OM, MAJOR DIAGONAL)	DR. JAYAKUMAR K
████	██████████	63	M	1-Oct-13	CAD, TVD, LMCA, S/P PCI -RCA, ANGPLA -B/L SFA & POPL, PROCELIN AORTA AND CALCIFIC CORONARIES, MOD AS/AR, GD LV, SR	OPCABG X 1 GRAFT (LIMA - LAD)	DR. JAYAKUMAR K
████	██████████	32	M	3-Oct-13	CAD, TVD, FAIR LV, S/P PCI TO RCA, SR, DM, HTN, DLP	CABG X 4 GRAFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. VIVEK V. PILLAI
████	██████	43	M	4-Oct-13	CAD, OLD IWMI, DVD, MOD LV DYSFUNCTION, MILD MR, SR	CABG X 3 GRAFT (LIMA - LAD, RSVG - D2, MAJOR OM)	DR. PRAVEEN VARMA P.K.
████	██████████	69	F	7-Oct-13	TYPE A AORTIC DISSECTION, GOOD LV, SR	SUPRACORONARY AORTIC REPLACEMENT (#30 ALBO GRAFT) + AORTO BICAROTID BYPASS	DR. PRAVEEN VARMA P.K.
████	██████████	59	M	8-Oct-13	CAD, TVD, OLD ACS, S/P PTCA TO LCX, MILD LVD, SR, DM	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, TERMINAL OM, DISTAL RCA)	DR. PRAVEEN VARMA P.K.
████	██████████	35	F	8-Oct-13	RHD, SEV MS, MOD-SEV MR, SEV PAH, MOD TR, FAIR LV, AF	MVR # 27 SJM WITH PMLP + TVA # 32 MC3 RING	DR. PRAVEEN VARMA P.K.
███ T	██████████	41	M	9-Oct-13	PE, MVR # 29 SJM + LA CLOT REMOVAL+ LAAE,NO E/O OF TAMPONADE	PEDRAINAGE	DR. PRAVEEN VARMA P.K.
████	██████████	64	M	9-Oct-13	CAD,LMCA+TVD,GDLV,DM,SR	CABG X 2 GRAFT (LIMA - LAD, RSVG - RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	54	M	10-Oct-13	CAD, REC ACS, TVD, GOOD LV, SR, DM	CABG X 4 GRAFT (LIMA-LAD, RSVG-OM3, OM4, RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	65	F	10-Oct-13	RHD, SEV CAL MS, MILD MR, MILD TR, MOD PAH, GOOD LV, NC, AF	MVR # 29 SJM + PARTIAL PMLP	DR. BINEESH K. R.

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	70	M	11-Oct-13	CAD, DVD, GOOD LV, SR, HTN, H/O CVA, POVD	OPCABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RPDA)	DR. JAYAKUMAR K
████	██████████	59	M	11-Oct-13	S/P CABG X5 GR,WITH STERNAL SINUS	STERNAL WIRE REMOVAL	DR. JAYAKUMAR K
████	██████	57	M	15-Oct-13	CAD, TVD, MOD LV DYSFUNCTION,SR.DM,HTN, RECENT CVA(OLD), CHRONIC UTI	CABG X 6 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM1, OM2, AM-PDA, DISTAL RCA + ENARTERCTOMY OF RCA)	DR. JAYAKUMAR K
████	██████████	65	F	17-Oct-13	CAD, TVD, GOOD LV, DM, HTN, DLP	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, BOTH BRANCH OF MAJOR OM, RPDA) + ENDARTERECTOMY OF MEDIAL BRANCH OF MAJOR OM	DR. JAYAKUMAR K
████	██████	18	F	17-Oct-13	ACHD, PAPVC OF RUPV/RMPV, SMALL PFO, GOOD LV, SR	REROUTING OF PAPVC WITH TPP	DR. BINEESH K. R.
████	██████████	67	F	18-Oct-13	CAD, TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, MAJOR OM, RPDA; MAJOR DIAGONAL PIGGY BACK TO MAJOR OM)	DR. JAYAKUMAR K
████	██████████	64	M	18-Oct-13	S/P CABG (9.10.13), ACTUE CHOLECYSTITIS WITH IMPENDING RUPTURE	EXPLOROTOMY LAPROTOMY + CHOLECYSTECTOMY	DR. PRAVEEN VARMA P.K.
████	██████████	62	F	19-Oct-13	S/P MYEMECTOMY	DSC	DR. VARGHESE T.PANICKER
████	██████████	32	M	21-Oct-13	ACHD, OSASD, MILD PAH, GOOD LV, SR	TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	69	M	21-Oct-13	CAD, TVD + LMCA, MOD LVD, SR, DM, HTN, OLD PTB	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, EARLY OM, DISTAL OM, RPDA ; DISTAL OM PIGGY BACK TO EARLY OM)	DR. JAYAKUMAR K
████	██████████	65	M	22-Oct-13	CAD, TVD, FIRST DEGREE HEART BLOCK,GOOD LV, SR, HTN	CABG X 5 GRAFT (LIMA-LAD, RSVG-D1, D3, LPLB, DISTAL RCA)	DR. JAYAKUMAR K
████	██████████	70	F	23-Oct-13	CAD, TVD, GOOD LV, SR, DM, HTN	CABG X 5 GRAFT (LIMA-LAD; RSVG-MAJOR DIAGONAL, RI, MAJOR OM, RPDA )	DR. JAYAKUMAR K
████	██████████	19	F	24-Oct-13	RHD, S/P MV REPAIR+BICUSPIDISATION OF TV, SEV MR, MOD AR, MOD TR, MOD PAH, FAIR LV/RV, AF	REDOSTERNOTOMY; MVR #25SJM + TVA #28 MC3 RING	DR. PRAVEEN VARMA P.K.
████	██████████	63	M	25-Oct-13	CAD, TVD, GOOD LV, SR, DM	CABG X 5 GRAFT (LIMA-LAD; RSVG-RI, MAJOR OM, RPLB, RPDA : RPDA PIGGY BACK TO RPLB	DR. JAYAKUMAR K
████	██████████	24	F	25-Oct-13	ACHD, OS ASD, MILD PAH, GOOD LV, SR	TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	35	F	28-Oct-13	ACHD, OS ASD, GOOD LV, SR	TPP CLOSURE OF OS ASD	DR. BINEESH K. R.
████	██████████	59	M	28-Oct-13	CAD, TVD, GOOD LV, REC ACS, SR, DM, HTN, DLP, POVD	CABG X 6 GRAFTS (LIMA TO LAD, RSVG TO MAJ DIAGONAL, PROXIMAL RI, DISTAL RI, RPLB, AM-PDA ; DISTAL RI PIGGY BACK TO PROXIMAL RI)	DR. JAYAKUMAR K
████	██████████	33	F	29-Oct-13	RHD, SEV MR, MILD AR, MIL MS, GOOD LV, SR	MVR # 25 CHVP + PMLP	DR. VARGHESE T.PANICKER
████	██████████	64	M	30-Oct-13	CAD, OLD IWMI, REC NSTEMI, TVD, SEVERE LVD, SR, DM, HTN	CABG X 5 GRAFT (LIMA-LAD; RSVG-MAJOR DIAGONAL, RI, MAJOR OM, RPDA : RI PIGGY BACK TO MAJOR OM	DR. JAYAKUMAR K

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	26	F	30-Oct-13	PARTIAL ACHD, CLEFT AML, MOD MR, GOOD LV, SR	TPP CLOSURE OF ASD + MV REPAIR (REPAIR OF THE CLEFT + BOTH COMMISUROPLASTY) + PFO CLOSURE	DR. VIVEK V. PILLAI
████	██████████	56	M	31-Oct-13	CAD,LMCA+TV D, SEV LVD, SEV MR, SR, DM, HTN	CABG X 6 GRAFT (LIMA-LAD, RSVG-D1, D2, MAJOR OM, RPDA, RPLB : PDA & PLB SEQUENTIALLY GRAFTED) + MV REPAIR WITH # 30 SADDLE RING	DR. JAYAKUMAR K
████	██████████	65	M	31-Oct-13	CALCIFIC AV, ASCENDING AORTIC ANEURYSM, SEV AR, DILATED LV, FAIR LV, SR, NC	BENTALL (AVR # 23 PM; #26MM ALBOGRAFT)	DR. JAYAKUMAR K
███	████	26	F	31-Oct-13	RHD,SEV MS,MOD MR,MOD-SEV AR,GD LV,NC,SR	DVR - AVR # 19 CHVP , MVR # 25 CHVP	DR. VARGHESE T.PANICKER
████	██████████	53	M	1-Nov-13	BAV, MOD AR, MOD AS, DIL ASC AORTA, GOOD LV, SR, NC, DM, HTN,DLP	BENTALL PROCEDURE (NO 25 CHVP + NO 26 MM ALBOGRAFT	DR. JAYAKUMAR K
████	██████████	42	M	4-Nov-13	CAD, TVD, FAIR LV, SR	CABG X 5 GRAFT (LIMA-LAD; RSVG-MAJOR DIAGONAL, RI, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	75	M	5-Nov-13	CAD, TVD, GOOD LV, SR, HTN, DM, COPD	CABG X 5 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, BOTH BRANCH OF MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	51	F	6-Nov-13	BAV, SEV CAL AS, MILD AR,GOOD LV, SR, NC, RT PAROTID PLEOMORPHIC	AVR # 19 SJR	DR. PRAVEEN VARMA P.K.
████	██████████	60	M	7-Nov-13	CAD,TVD,P PTCA TO RCA(2001),,NSTEMI(MAR13),GDLV,MR,SR,HTN,D	CABDG X 3 GRAFT (LIMA-LAD, RSVG- MAJOR OM, DISTAL RCA)	DR. JAYAKUMAR K
████	██████████	46	M	7-Nov-13	RHD, SEV MS, MOD MR, MILD AR, FAIR LV, SR, NC?, TIA(OLD)	MVR # 27 CHVP	DR. BINEESH K. R.
███	██████████	49	M	8-Nov-13	SEVERE CAL AS, MOD AR, MOD MR,GD LV,SR,NC,HTN,	AVR # 23 CHVP	DR. VIVEK V. PILLAI
████	██████████	61	M	8-Nov-13	CAD,TVD, GOOD LV, SR, DM, HTN, DLP, DIABETIC NEUROPATHY	CABG X 4 GRAFT (LIMA-LAD, RSVG- MAJOR DIAGONAL, RI, RPDA)	DR. JAYAKUMAR K
████	██████████	38	F	11-Nov-13	RHD,P/BMV,SEV MS,MOD MR,MILD-MOD PAH,AF	MVR# 25 CHVP	DR. VARGHESE T.PANICKER
████	██████████	32	M	11-Nov-13	S/P AVR+VSD CLOSURE (2001), S/P REDO AVR (2003), SEV PARAVALVULAR AR, MILD LVD, SR	AVR #25 CHVP + SUPRACORONARY ASCENDING AORTIC REPLACEMENT UNDER TCA	DR. PRAVEEN VARMA P.K.
████	██████████	80	M	12-Nov-13	BAV, SEV CAL AS, MILD AR,CAD, DVD, MILD LVD, SR	AVR # 19 PM; CAGB X 3 GRAFT (RSVG TO LAD, OM 1, OM 2 ; OM 1 PIGGY BACK TO OM 2)	DR. VIVEK V. PILLAI
████	██████████	45	M	12-Nov-13	CAD, DVD, GOOD LV, SR	CABG X 4 GRAFT (LIMA - LAD; RSVG - DISTAL LAD, OM1, OM2; OM1 AND LAD PIGGY BACK TO OM2)	DR. JAYAKUMAR K
████	██████████	52	M	13-Nov-13	CAD, LMCA+TV D, GOOD LV, SR, DM, HTN, DLP	CABG X 5 GRAFT ( LIMA-LAD, RSVG-MAJOR DIGAONAL, OM2, TERMINAL OM, RPDA; MAJOR OM PIGGY BACK TO OM2)	DR. JAYAKUMAR K
███	██████████	48	M	13-Nov-13	S/P DVR (2011) , STERNAL SINUS	SINUS TRACT EXCISION	DR. BINEESH K. R.
████	██████████	54	F	14-Nov-13	CAD, TVD, REC IWMI, TVD ,GDLV, SR, HTN	CABGX 3 GRAFTS LIMA TO LAD, RSVG TO TERMINAL OM AND RPDA	DR. JAYAKUMAR K

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████	██████████	70	M	15-Nov-13	CAD, TVD, GOOD LV, SR	CABG X 4 GRAFT (LIMA-LAD, RSVG-RI, MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	40	M	18-Nov-13	CAD, OLD MI, DVD, MOD LVD,RWMA, SR, DM, DLP,EX SMOKER	CABG X5 GRAFTS LIMA-LAD AND RSVG TO D2, D3, OM1 AND OM2	DR. JAYAKUMAR K
████	██████████	53	F	18-Nov-13	CAD, DVD, MOD LVD, SR, DM, HTN, DLP	CABG X 3 GRAFT (LIMA - LAD, RSVG - RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	56	M	19-Nov-13	SEV AR, DILATED ASCENDING AORTA, DILATED LV, GOOD LV, SR, NC	BENTALL'S PROCEDURE (#25CHVP + # 26MM ALBOGRAFT)	DR. JAYAKUMAR K
████	██████	52	F	20-Nov-13	RHD, SEV MR, MOD MS, MOD PAH, MILD TR, GOOD LV, AF, NC	MVR # 27 CHVP + PMLP	DR. VIVEK V. PILLAI
████	██████████	45	M	21-Nov-13	RHD, SEV CAL MS, MILD MR, MILD LVD, MILD PAH, AF, LAA CLOT, NC, SEIZURE DISORDER	MVR # 31 CHVP + LAA EXCLUSION	DR. VARGHESE T.PANICKER
████	██████████	26	F	22-Nov-13	RHD, SEV AR, MOD SEV AS, MOD MR, MILD MS, GOOD LV, DILATED LV, SR	AVR # 19 CHVP + MV ANNULOPLASTY WITH #27 RING	DR. VARGHESE T.PANICKER
████	██████████	43	M	22-Nov-13	CKD; MULTIPLE FAILED AVF	RIGHT BRACHIO-BASILIC AV FISTULA CREATION	DR. SIDHARTH VISWANATHAN
████	██████	66	M	25-Nov-13	CAD,TVD,GDLV,MILD MR,SR,DM,DLP	CABGX 4 GRAFT,LIMA-LAD,RSVG-RI,MAJ OM,PDA	DR. JAYAKUMAR K
████	██████████	34	M	25-Nov-13	BAV, SEVERE CALCIFIC AS, GOOD LV, LVH, SR	AVR # 21 CHVP + WRAP AORTOPLASTY	DR. VARGHESE T.PANICKER
████	██████████	52	F	26-Nov-13	CAD, TVD+LMCA, GOOD LV, SR, HTN, DLP, DM	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR OM, RPDA)	DR. JAYAKUMAR K
████	██████████	63	M	27-Nov-13	CAD,TVD,GDLV,UA,SR,HTN.DLP	CABG	DR. JAYAKUMAR K
████	██████████	58	M	28-Nov-13	SEV CAL AS, MOD AR, MILD LVD, SR, NC, HYPOTHYROIDISM	AVR # 19 CHVP	DR. VIVEK V. PILLAI
████	██████████	56	M	28-Nov-13	CAD, TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 5 GRAFT (LIMA-LAD; RSVG-D2, MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	24	M	29-Nov-13	RSOV TO RVOT, SP VSD, MILD AR,GOOD LV,SR	VSD CLOSURE WITH DACRON PATCH AND RSOV REPAIR WITH DACRON PATCH	DR. VIVEK V. PILLAI
████	██████	47	M	29-Nov-13	CAD,LMCA DISSECTION,TVD,SEV LVD,SR,DM,HTN,DLP	CABG X 4 GRAFTS (LIMA-LAD,RSVG-MAJ D,RI,RPLB)	DR. VIVEK V. PILLAI
████	██████████	44	F	2-Dec-13	BAV, SEV CAL AS,DILATED AORTA,GD LV,SR,NC	AVR #21 CHVP + AORTOPLASTY	DR. VARGHESE T.PANICKER
████	██████████	29	F	2-Dec-13	RHD, SEV MR, MOD MS, MILD AR, MOD PAH, GOOD LV, ATRIAL FLUTTER	MVR #27CHVP WITH PMLP	DR. VIVEK V. PILLAI
████	██████████	43	F	3-Dec-13	ACHD, OS ASD, MILD PAH, GOOD LV, SR, NC	DIRECT CLOSURE OF ASD	DR. BINEESH K. R.

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	62	M	3-Dec-13	RHD, S/P CMV(84), SEV RE MS, MOD MR, MOD AS, MILD AR, GOOD LV, AF, NC	DVR (MVR # 29 CHVP, AVR #19 CHVP)	DR. VIVEK V. PILLAI
████	██████████	65	F	4-Dec-13	CAD,TVD,SEV CAL AS,GDLV,SR,DM,HTN,DLP	AVR # 19 PM+CABG X 3G(RSVG- LAD,D2,RPDA)	DR. VIVEK V. PILLAI
████	██████████	60	M	5-Dec-13	CAD, DVD, GDLV, SR, HTN, DLP, POVD	CABG X 2 GRAFTS (LIMA- LAD AND RSVG TO DISTAL RCA)	DR. VIVEK V. PILLAI
████	██████████	15	M	6-Dec-13	RHD, SEV MR, MOD PAH, GOOD LV, SR	MVR # 25 CHVP + PARTIAL PMLP	DR. VIVEK V. PILLAI
████	██████████	25	M	9-Dec-13	RHD,SEV MS,MOD MR,MOD AR,MILD AS,MILD LVD,MOD PAH,AF	DVR ( MVR #23CHVP AND AVR #19 CHVP)	DR. VARGHESE T.PANICKER
████	██████████	68	M	9-Dec-13	CAD, REC ACS, TVD, GDLV, SR, HTN	CABG X 5 GRAFTS (LIMA-LAD AND RSVG TO OM1, OM3, MAJ DIAGONAL AND RPDA)	DR. JAYAKUMAR K
████	██████████	61	M	10-Dec-13	CAD, TVD, GOOD LV, SR, DM, HTN, POVD	CABG X 6 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, OM2, MAJOR OM, LPLB, AM	DR. JAYAKUMAR K
████	██████████	62	M	11-Dec-13	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
████	██████████	37	F	16-Dec-13	STANFORD A AORTIC DISSECTION S/P BENTALL PROCEDURE +HTN	SUPRA-CORONARY EXTENSION 24MM ALBO-GRAFT + RSVG TO RCA + BILATERAL CAROTID & RIGHT SUBCLAVIAN ARTERY DEBRANCHING	DR. JAYAKUMAR K
████	██████████	66	M	17-Dec-13	CAD, TVD, OLD ACS, GOOD LV, SR, DM	CABG X 6 GRAFT (LI,A-LAD, RSVG - D1, D2, MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	██████████	69	M	18-Dec-13	CAD,LMCA,TVD,GDLV,SR,DM,DLP,RIGHT ICA STENOSIS	CABG X 4 GRAFTS(LIMA TO LAD,RSVG TO MAJ D,MAJ OM,LPDA)	DR. JAYAKUMAR K
████	██████████	61	M	19-Dec-13	BAV, DILATED ASC AORTA, MOD AR, MOD AS, GOOD LV, SR, NC, SINUSITIS	BENTALL'S PROCEDURE - # 27 CHVP & 28M ALBOGRAFT	DR. JAYAKUMAR K
████	██████████	67	M	20-Dec-13	CAD, TVD, REC ACS, GOOD LV, SR, HTN, DM	CABG X 4 GRAFT (LIMA-LAD, RSVG- MAJOR DIAGONAL, 1ST BRANCH OF MAJOR OM, RPLB)	DR. JAYAKUMAR K
████	██████████	32	F	20-Dec-13	LEFT PULMONARY THROMBOEMBOLISM, SEV PAH, GOOD LV, SR, HTN	LEFT PULMONARY THROMBOEMBOLECTOMY	DR. JAYAKUMAR K
████	██████████	68	M	22-Dec-13	CAD, LMCA+DVD, GOOD LV, SR, COPD	CABG X 3 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, RPDA)	DR. JAYAKUMAR K
████	██████████	52	M	26-Dec-13	CAD, SVD, GOOD LV, SR	OPCABG X 2 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL)	DR. JAYAKUMAR K
████	██████████	16	F	27-Dec-13	ACHD, OS ASD, GOOD LV, SR	TPP CLOSURE OF ASD	DR. BINEESH K. R.
████	██████████	45	M	30-Dec-13	RHD, SEV AR, MOD MS, LA CLOT, GOOD LV, AF, NC	DVR - AVR # 25C CHVP + MVR # 27 CHVP + LA CLOT REMOVAL	DR. JAYAKUMAR K
████	██████████	48	M	31-Dec-13	RHD, SEV CAL AS, MILD-MOD AR, GOOD LV, SR, NC	AVR # 21 CHVP	DR. VARGHESE T.PANICKER

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
[REDACTED]	[REDACTED]	54	F	1-Jan-14	RHD, SEV MS, MOD MR, MILD AR, MOD PAH, GOOD LV, PAROX AF, NC	MVR # 27 CHVP + PARTIAL PMLP	DR. VIVEK V. PILLAI
[REDACTED]	[REDACTED]	16	M	2-Jan-14	RHD,SEV AR,MOD MR,MOD LVD,SR	AVR #25 CHVP + MV REPAIR #31 TAILOR RING ANNULOPLASTY	DR. VARGHESE T.PANICKER
[REDACTED]	[REDACTED]	64	M	2-Jan-14	CAD, TVD, GOOD LV, OLD IWMI, SR	CABG X 4 GRAFT (LIMA-LAD, RSVG - MAJOR DIAGONAL, MAJOR OM, DISTAL RCA)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	40	M	3-Jan-14	RHD, SEV AR, SEV MR, MOD TR, MILD PAH, MILD LVD, AF, NC	DVR (AVR # 23 CHVP + MVR # 27 CHVP) + TVA WITH # 28 MM MC3 RING	DR. PRAVEEN VARMA P.K.
[REDACTED]	[REDACTED]	56	M	6-Jan-14	CAD,TVD,GDLV,SR,DM,HYPOTHYROIDISM	CABG -4 GRAFTS	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	60	M	7-Jan-14	CAD, TVD, OLD AWM/IWMI, S/P PTCA, GOOD LV, SR, DM, HTN, DLP	CABG X 4 GRAFT (LIMA-LAD, RSVG - D2, MAJOR OM, DISTAL RCA ; D2 PIGGY BACK TO MAJOR OM)	DR. VIVEK V. PILLAI
[REDACTED]	[REDACTED]	42	M	8-Jan-14	CAD, DVD, S/P PCI TO LAD, GOOD LV, SR, DM, HTN, DLP	CABG X 2 GRAFTS( LIMA TO LAD,RSVG TO RI)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	48	M	9-Jan-14	CAD, TVD, GOOD LV, SR, HTN	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, MAJOR OM,)DISTAL RCA	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	57	M	9-Jan-14	CAD, TVD, OLD IWMI, GOOD LV, SR, DM	CABG X 5 GRAFT (LIMA-LAD; RSVG - MAJOR DIAGONAL, OM1, OM2, LPLB)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	55	M	10-Jan-14	CAD, TVD, GOOD LV, SR, COPD, HTN, SLEEP APNOEA, B/L VV	CABG X 4 GRAFT (LIMA - LAD, RSVG - RI, MAJOR OM, RPDA)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	57	M	13-Jan-14	CAD/TVD/MODERATE LV DYSFUNCTION/SR/HTN	CABG X 5 GRAFTS(LIMA-LAD,RSVG-MAJOR DIAGONAL,MAJOR OM,,RPLB,RPDA) AND ANTERIOR WALL LINEAR PLICATION	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	72	M	15-Jan-14	CAD, TVD, GOOD LV, SR, HTN, DM, HYPOTHYROID	CABG X 4 GRAFT (LIMA-LAD, RSVG-MAJOR DIAGONAL, MAJOR OM(OM2), RPDA; DIAGONAL PIGGY BACK TO OM)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	57	M	15-Jan-14	S/P CABG ,DISCHARGING SINUS STERNAL WOUND	STERNAL WIRE REMOVAL	DR. MOHAMMED IDHREES A.
[REDACTED]	[REDACTED]	46	M	16-Jan-14	RHD, SEVERE CALCIFIC AS, MOD AR, MILD MR, FAIR LV, SR, NC.	AVR # 21 SJM	DR. VARGHESE T.PANICKER
[REDACTED]	[REDACTED]	52	M	16-Jan-14	CAD, TVD, GOOD LV, SR, HTN, DM	CABG X 5 GRAFT [LIMA - DISATAL LAD, RSVG TO MID LAD, OM 1, OM 3, LPDA]	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	30	M	17-Jan-14	CONSTRUCTIVE PERICARDITIS - TUBERCULAR, OLD PTB - TRESTED, S/P [PERICARDIOCENTESIS, GOOD LV, SR	PERICARDECTROMY	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	74	M	20-Jan-14	CAD, LMCA+TVD, GOOD LV, SR, DM, HTN, DLP	CABG X 5 GRAFT (LIMA-LAD; RSVG- D1, D2, OM, RPDA)	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	56	M	20-Jan-14	CAD, TVD, OLD ACS, GOOD LV, MILD AS / AR, SR, DM, HTN	CABG X 5 GRAFT (LIMA-LAD, RSVG - D1, OM1, RPLB, RPDA )	DR. JAYAKUMAR K
[REDACTED]	[REDACTED]	44	M	21-Jan-14	CAD,TVD,REC ACS,LVD,RWMA,SR,DM,HTN	CABG X 6 GRAFTS:LIMA-LAD; RSVG TO D2,OM1,OM3,DISTAL RCA,D1 PIGGY BACK TO D2.	DR. JAYAKUMAR K

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	████	42	M	22-Jan-14	RHD,S/P IE SEQUALAE,SEV MR,MILD PAH,MOD LVD,SR,NC	MVR # 27CHVP+ PMLP+ TPP CLOSURE OF OSASD	DR. VARGHESE T.PANICKER
████	████	61	M	22-Jan-14	CAD,TVD,GDLV,SR,DM,HTN,DLP	CABGX 5 GRAFTS(LIMA TO LAD,RSVG TO D2,BOTH BR OF RI,RPDA)	DR. JAYAKUMAR K
████	████	23	M	23-Jan-14	ACHD, OS ASD, MILD PAH, GOOD LV, SR	TPP CLOSURE OF ASD	DR. MOHAMMED IDHREES A.
████	████	71	M	24-Jan-14	CAD, TVD, GOOD LV, SR, DM, HTN, DLP, B/L CAROTID DISEASE	CABG X 5 GRAFT (LIMA-LAD, RSVG-D2, MAJOR OM, RPDA, RPLB)	DR. JAYAKUMAR K
████	████	62	M	27-Jan-14	CAD, TVD, GOOD LV, SR, DM, HTN	CABG X 6 GRAFT (LIMA-LAD, RSVG-D1, D2, OM1, TERM OM, RPDA)	DR. JAYAKUMAR K
████	████	48	M	28-Jan-14	CAD,DVD,GDLV,SR,DM,HTN	OPCABG	DR. JAYAKUMAR K
████	████	38	M	28-Jan-14	RHD,SEV MS,MOD MR,MOD AR, MOD AS ,MOD TR,MILD PAH,GDLV, AF	MVR #25 CHVP	DR. VARGHESE T.PANICKER
████	████	64	M	29-Jan-14	CAD, OLD MI, TVD, GOOD LV, SR	CABG X GRAFT (LIMA-LAD; RSVG-MAJOR DIAGONAL, MAJOR OM, RPDA)	DR. VIVEK V. PILLAI
████	████	33	M	30-Jan-14	ACHD, OSASD (L-R), MILD PAH, GOOD LV, SR	TPP CLOSURE OF ASD	DR. SIVAPRASAD V.
████	████	63	M	31-Jan-14	RHD, SEV AR, MOD AS, MILD MR, MOD PAH,GOOD LV, DILAT LV, SR, NC	AVR # 23 PM	DR. VARGHESE T.PANICKER
██	████	69	M	31-Jan-14	CAD,LMCA,TVD,GDLV,SR,DM,HTN,DLP	CABG X 5 GRAFTS	DR. JAYAKUMAR K
████	████	64	M	3-Feb-14	CAD,LMCA,TVD,GDLV,SR, HTN,DLP	CABG X 5 GRAFTS(LIMA-LAD;RSVG-MID LAD,MAJ D,OM1,LPDA)	DR. JAYAKUMAR K
████	████	62	M	3-Feb-14	CAD,TVD,REC MI,GDLV,SR,DM,HTN,DLP	CABG X 5 GRAFTS(LIMA-LAD;RSVG-MAJ D,RI,MAJ OM,RPDA)	DR. JAYAKUMAR K
████	████	46	F	4-Feb-14	CAD,TVD,GDLV,SR,DM,HTN,OBESITY,LT LEG VV	CABG X 4 (LIMA,MAJ D,MAJ OM,RPDA)	DR. JAYAKUMAR K
████	████	43	M	5-Feb-14	CAD,DVD,GDLV,SR,DM,HTN,DLP	CABG X 3 (LIMA-LAD,RSVG-MAJOR DIAG D2,OM3)	DR. VIVEK V. PILLAI
████	████	37	M	6-Feb-14	RHD,SEV AS,MOD AR,GDLV,SR.	AVR # 21 CHVP	DR. VARGHESE T.PANICKER
████	████	58	F	6-Feb-14	CAD,TVD,GDLV,SR,HTN	CABG X 5 GRAFTS (LIMA - LAD, RSVG-D1, D2, MAJ OM, RPDA; D1 PIGGY BACK TO MAJOR OM)	DR. JAYAKUMAR K
████	████	55	F	7-Feb-14	S/P MVR # 25 SJM(2013) , FOR SEV MS,PV THROMBOSIS , GDLV, DM ,SR	REDO MVR # 27 CHVP	DR. PRAVEEN VARMA P.K.
████	████	60	M	10-Feb-14	CAD, OLD IWMI, GOOD LV, SR, DM, HTN, DLP, ? URETHRAL STRICTURE	CABG X 3 GRAFT (LIMA - LAD, RSVG - MAJOR OM , RPDA)	DR. PRAVEEN VARMA P.K.

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
[REDACTED]	[REDACTED]	54	F	10-Feb-14	SEV CAL AS,MILD AR,MILD MS, GDLV,SR,HYPOTHYROID	AVR #17 SJR	DR. VIVEK V. PILLAI
[REDACTED]	[REDACTED]	22	M	11-Feb-14	ACHD, OS ASD, GOOD LV, SR, HYPOSPADISIS	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.
[REDACTED]	[REDACTED]	48	F	11-Feb-14	RHD, SEV MS, MOD MR, SEV PAH, GOOD LV, AF, NC	MVR #25 CHVP + PMLP	DR. PRAVEEN VARMA P.K.
[REDACTED]	[REDACTED]	46	F	12-Feb-14	RHD,SEV CAL MS,MILD MR,MILD PAH,GDLV,SR,NC	MVR # 25CHVP WITH PARTIAL PMLP	DR. VARGHESE T.PANICKER
[REDACTED]	[REDACTED]	62	F	12-Feb-14	SEV CAL AS, MOD AR, GOOD LV, SR, NC, HTN, DM	AVR # 17 SJR	DR. PRAVEEN VARMA P.K.
[REDACTED]	[REDACTED]	47	F	13-Feb-14	RHD,SEV MS,MOD MR,MOD AR,MILD PAH,GDLV,PAROXYSMAL AF,NC	MVR	DR. PRAVEEN VARMA P.K.
[REDACTED]	[REDACTED]	60	F	14-Feb-14	SEV CAL AS,GDLV,SR,NC,DM,HTN,OLD SDH	AVR	DR. PRAVEEN VARMA P.K.
[REDACTED]	[REDACTED]	0	M	10-Mar-14	P/S DOUBLE PATCH REPAIR	PA LINE REMOVAL	DR. SABARINATH MENON
[REDACTED]	[REDACTED]	0	M	11-Mar-14	CCHD, OBSTRUCTED IC-TAPVC, OS ASD, SEV PAH, MOD RV DYSFNCTN, SR	TAPVC REAPIR ( MODIFIED SUTURELESS TECHINQUE)	DR. BAIJU S.DHARAN
[REDACTED]	[REDACTED]	0	M	12-Mar-14	CCHD, TA, LARGE ASD /VSD, SEV PAH, MILD PS, B/LSVC, GD PA, SR	PA BAND TO 27MM	DR. THOMAS MATHEW
[REDACTED]	[REDACTED]	1	M	13-Mar-14	CCHD,TA, MOD PS, MILD PAH, LARGE ASD/VSD, GOOD CONFLUENT PA, DOUBLE ORIFICE MV, MODERATE MR,	B/L BDG + MPA RESTRICTION + POSTERIOR MITRAL ANNULOPLASTY	DR. THOMAS MATHEW
[REDACTED]	[REDACTED]	0	M	14-Mar-14	CCHD, SC TAPVC, ASD, PDA, SEV PAH, SR,	TAPVC REPAIR + PFO MADE RESTRICTIVE	DR. THOMAS MATHEW
[REDACTED]	[REDACTED]	0	F	17-Mar-14	S/P TAPVC REPAIR+RMBTS	PDA LIGATION	DR. SABARINATH MENON
[REDACTED]	[REDACTED]	6	F	17-Mar-14	ACHD, OS ASD, MILD PAH, SR	TPP CLOSURE OF OS ASD	DR. MOHAMMED IDHREES A.
[REDACTED]	[REDACTED]	0	F	18-Mar-14	S/P TAPVC REPAIR+RMBTS	PDA LIGATION	DR. SABARINATH MENON
[REDACTED]	[REDACTED]	10	M	18-Mar-14	CCHD, TOF, LPA ORIGIN STENOSIS, FAIR CONF PA, GOOD LV, SR	ICR + TAP + MONOCUSP VALVE RECONSTRUCTION + LPA PLASTY WITH BOVINE PERICARDIUM	
[REDACTED]	[REDACTED]	0	M	19-Mar-14	P/S DOUBLE PATCH REPAIR	PA LINE REMOVAL	DR. SABARINATH MENON
[REDACTED]	[REDACTED]	0	M	19-Mar-14	ACHD, JUXTADUCTAL COA, GOOD LV, SR	EXTENDED RESECTION AND END TO END ANASTMOSIS OF AORTA	DR. THOMAS MATHEW
[REDACTED]	[REDACTED]	62	M	19-Mar-14	DCM, S/P CRT, LEAD PERFORATION OF THE RV	LEAD EXPLATATION AND RV REPAIR	DR. THOMAS MATHEW

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	0	F	20-Mar-14	ACHD, LARGE PDA, SMALL ASD, CONTROLLED HF, FTT, SR	PDA INTERPUTION	DR. THOMAS MATHEW
████	██████	15	M	21-Mar-14	LONG QT SYNDROME, B/L SN DEAFNESS, SINUS BRADYCARDIA,	PG EXPLANTATION	DR. THOMAS MATHEW
████	██████████	7	F	21-Mar-14	ACHD,SV ASD,NO PAH,SR	WARDEN'S PROCEDURE	DR. THOMAS MATHEW
████	██████	0	M	23-Mar-14	ACHD,POST SC COA, SMALL ASD, CONC LVH, MODERATE PERICARDIAL EFFUSION, SR	COA REPAIR (EXTENDED RESECTION AND END-TO-END ANASTMOSIS) + PE DRAINAGE	DR. THOMAS MATHEW
████	██████	1	M	24-Mar-14	CCHD, TOF, GOOD CONFLUENT PA, SR	TRANS RA ICR	DR. SABARINATH MENON
████	██████████	7	F	24-Mar-14	ACHD.SV ASD,SR	WARDEN'S PROCEDURE	DR. MOHAMMED IDHREES A.
████	██████	0	M	25-Mar-14	CHD, DTGA, SP VSD, SEV PAH, 1LCX 2 R, PRESERVED LV, SR	ASO + VSD CLOSURE	DR. THOMAS MATHEW
████	██████	0	M	26-Mar-14	CCHD, D-TGA, LARGE MUSCULAR VSD, MODERATE PS, SR	RMBTS WITH 3.5MM PTFE + ATRIAL SEPTECTOMY	DR. SABARINATH MENON
████	██████████	20	F	27-Mar-14	ACHD, SA VSD, MOD INF PS, MILD PAH,MILD MR,SR	TRANS RA ICR	DR. SABARINATH MENON
████	██████	1	F	28-Mar-14	CCHD, TOF, CONFLUENT PA, SEVERE LPA STENOSIS, MULTIPLE MAPCAS	ICR WITH MONOCUSP VALVE RECONSTRUCION WITH LPA PLASTY	DR. THOMAS MATHEW
████	██████████	0	F	28-Mar-14	S/P BT SHUNT WITH SSI WITH NEC	SILICON VENOUS LINE	DR. SABARINATH MENON
████	██████████	1	M	31-Mar-14	ACHD, LARGE MALALIGNED SA VSD, SEV PAH, SR	VSD CLOSURE	DR. SABARINATH MENON
████	██████	0	M	31-Mar-14	S/P TAPVC REPAIR	PA LINE REMOVAL	DR. THOMAS MATHEW
████	██████████	1	F	31-Mar-14	CCHD,TA - TYPE I B WITH RESTRICTIVE VSD, LARGE OS ASD, SMALL BRANCH PAS SR	BDG SHUNT	DR. THOMAS MATHEW
████	██████	1	M	1-Apr-14	CCHD, DORV, SA VSD, SEV.PAH, MILD PS, SR	TRANS RA ICR	DR. BAIJU S.DHARAN
████	██████	0	M	2-Apr-14	CCHD, SAVSD, PA, PDA DEP CIRCULCATION,GOOD PA,SR	RMBTS WITH 4MM PTFE TUBE, MPA INTERRUPTION, PDA INTERRUPTION , LPA PLASTY	DR. THOMAS MATHEW
████	██████████	1	F	3-Apr-14	ACHD, PMVSD, MOD-SEV PAH, PFO, SR	VSD CLOSURE	DR. THOMAS MATHEW
████	██████████	2	M	3-Apr-14	CCHD,TOF,GOOD PA,MAL ALIGNED VSD,SR	ICR + TAP	DR. THOMAS MATHEW
████	██████	0	M	3-Apr-14	S/P RMBT SHUNT WITH LPA PLASTY WITH PDA INTERRUPTION	RMBTS TAKEDOWN + BDG	DR. THOMAS MATHEW

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	████	10	M	4-Apr-14	S/P ICR FOR TOF (18.3.14), CULTURE POSITIVE IE, SR	REDO ICR = TV REPAIR	DR. BAIJU S.DHARAN
████	████	0	M	7-Apr-14	CCHD,DTGA,IVS,ASD,PDA,REGRESSED LV,SR,1LCX2R	ASO	DR. BAIJU S.DHARAN
████	████	0	M	8-Apr-14	DILV,D-TGA, OBSTRUCTED SC TAPVC, 1LCX2R, SR	TAPVC REPAIR + PA BANDING TO 24MM	DR. THOMAS MATHEW
████	████	4	F	9-Apr-14	CHD, SEVERE OS INFUNDIBULAR PS, MILD RV DYSFUNCTION, SR	TRANS RA PA ICR	DR. THOMAS MATHEW
████	████	0	F	9-Apr-14	ACHD, LARGE PDA, SEV PAH, FTT, SR	TROPEL LIGATION OF PDA	DR. SABARINATH MENON
████	████	0	F	11-Apr-14	CHD,SA VSD,ASD,MVP ,MILD MR,SEVERE PAH,SR	VSD CLOSURE+ASD CLOSURE	DR. BAIJU S.DHARAN
████	████	3	F	14-Apr-14	DORV,SA VSD,MOD INF PS,MILD LPA ORIGIN STENOSIS,SR	TRANS RA PA ICR	DR. THOMAS MATHEW
████	████	0	M	16-Apr-14	DILV, D-TGA, RESTRICTIVE BULBOVENTRICULAR FORAMEN, 1L2RCX, MILD ARCH HYPOPLASIA, SEV COA, SR	ASO + ARCH & COA REPAIR WITH BOVINE PERICARDIUM + ATRIAL SEPTECTOMY + LUMINAL PA BAND TO 24 MM	DR. BAIJU S.DHARAN
████	████	0	F	21-Apr-14	ACHD,PM VSD,HYPERKINETIC PAH,SR	VSD CLOSURE	DR. BAIJU S.DHARAN
████	████	2	M	22-Apr-14	CCHD, TOF (SAVSD + MM-VSD), GOOD CONFLUENT PA, SR, NC	ICR WITH TAP	DR. THOMAS MATHEW
████	████	12	M	23-Apr-14	CCHD, C-TGA, SAVSD, PA, VSD, B/L BDG	TCPC WITH 5 MM FENESTRATION	DR. BAIJU S.DHARAN
████	████	8	F	24-Apr-14	CCHD,MALALLIGNED VSD, SEV INF PS, PDA, GOOD CONF PA, SR, NC	TRANS RA ICR	DR. SABARINATH MENON
████	████	5	M	25-Apr-14	TOF, ABSENT PULMONARY VALVE, GOOD CONFLUENT PA, SEV PR, NC, SR	ICR WITH PTFE BICUSP VALVE AND TAP	DR. THOMAS MATHEW
████	████	0	F	28-Apr-14	CCHD,SI,LTGA,MC,PA ,VSD,PDA ,CONF PA,RT ARCH,L SVC,SR	MODIFIED MELBOURNE SHUNT WITH 3.00MM PTFE GRAFT AND LIGATION OF PDA	DR. SABARINATH MENON
████	████	3	M	28-Apr-14	S/P ICR WITH MORGAGNI HERNIA REPAIR WITH SSI,MRSA+)	DEBRIDEMENT +RE-SUTURING	DR. SABARINATH MENON
████	████	1	F	29-Apr-14	CCHD, TOF, CONFLUENT PA, SEVERE INFUNDIBULAR PS, NC, SR	TRANS RA ICR	DR. SABARINATH MENON
████	████	6	F	29-Apr-14	ACHD,SV ASD, PAPVC OF RUPV AND RLPV, SR	DOUBLE PATCH REPAIR	DR. MOHAMMED IDHREES A.
████	████	0	M	30-Apr-14	MALALIGNED VSD,MOD PS,MOD PAH,B/L SVC,SR,NC.	TRANS RA- PA ICR	DR. THOMAS MATHEW
████	████	3	F	30-Apr-14	CCHD,SA,DC.COMMON ATRIUM,SV-RV TYPE,PAPVC(R),PDA,OLD IE,OLD MCA STROKE	B/L BDG	DR. THOMAS MATHEW

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	0	M	2-May-14	CCHD,DTGA,MULTIPLE VSD, P/ BAS,PDA,GD LV, SEV PAH, SR, ILCX2R	ASO+ MULTIPLE VSD CLOSURE	DR. BAIJU S.DHARAN
████	██████	2	M	5-May-14	CCHD, DORV, SA VSD, PS, LPA STENOSIS, SINGLE CORONARY, SR	ICR WITH TAP WITH MONOCUSP VALVE RECONSTRUCTION + TV REPAIR + LPA PLASTY	DR. SABARINATH MENON
████	██████	9	M	6-May-14	CCHD, PA, CONF PA, SAVSD, LT ARCH, LPA STENOSIS, LARGE MAPACAS.,SR	ICR WITH RA- PA CONDUIT(#23 HOMOGRAFT) + RIGHT MAPCA LIGATED AND LEFT MAPCA UNIFOCALIZATION + LPA PLASTY +PFO	DR. BAIJU S.DHARAN
████	██████████	6	M	7-May-14	ACHD,SV ASD,PAPVC,SR	DOUBLE PATCH REPAIR	DR. MOHAMMED IDHREES A.
████	██████	0	F	9-May-14	CCHD, TA, MOD- SEV PS,VSD,ASD,PDA DEPENDENT CIRCULATION,B/L SVC, SR	RMBTS WITH 3 MM PTFE GRAFT.	DR. THOMAS MATHEW
████	██████	3	F	10-May-14	S/P TRANS RA- PA ICR	DELAYED STERNAL CLOSURE + LIGATION OF LYMPHATIC DUCT	DR. THOMAS MATHEW
████	██████	0	F	12-May-14	TA, D-TGA, VSD, PAH, CHF,SR	PA BAND TO 29MM	DR. THOMAS MATHEW
████	██████████	16	M	12-May-14	SP VSD RCC PROLAPSE,TRIVIAL AR,NO PAH , SR	TRANS RA-PA ICR (GOTEX PATCH CLOSURE OF SP VSD+ INFUNDIBULAR RESECTION)	DR. THOMAS MATHEW
████	██████	0	F	13-May-14	ALCAPA, SEVERE LV DYSFUNCTION, MILD MR, SR	LCA TRANSLOCATION+ PDA INTRUPPTION	DR. BAIJU S.DHARAN
████	██████	3	F	15-May-14	INLET VSD, SEVER PAH, DOWNS SYNDROME, GD LV, SR	VSD CLOSURE WITH GP	DR. THOMAS MATHEW
████	██████████	18	F	16-May-14	CCHD,TOF, DC VSD,SUPRA VALVULAR AND INFUNDIBULAR PS,CONFLUENT PA ANATOMY,GD LV,SR	ICR WITH RVOT PATCH	DR. BAIJU S.DHARAN
████	██████████	0	F	19-May-14	VSD, PA, PDA, GOOD CONF PA, NC, SR.	RMBTS WITH 3.5 MM PTFE GRAFT	DR. BAIJU S.DHARAN
████	██████	3	F	20-May-14	ACHD, OS ASD, MILD PS, GOOD LV, SR	TPP CLOSURE OF ASD + PULMONARY VALVOTOMY	DR. MOHAMMED IDHREES A.
████	██████████	0	F	21-May-14	CCHD, VSD, PA, PDA DEP CIRCULATION, GOOD PA,MILD LV DYSFN,SR	RMBTS 3.5MM PTFE GRAFT	DR. SABARINATH MENON
████	██████████	22	F	21-May-14	ACHD, EBSTEIN'S ANOMALY, SEV TR, OS ASD, SR	CONE REPAIR + 4MM FENESTRATED ASD PATCH CLOSED.	DR. BAIJU S.DHARAN
████	██████████	43	F	22-May-14	ACHD,SA VSD,SEV PAH,MOD TR,MILD MR,SR	VSVD CLOSURE+DEVEGA'S TV REPAIR+PFO OPEN	DR. THOMAS MATHEW
████	██████████	3	M	23-May-14	DC VSD, SEV INF PS, GOOD LV, SR	TRANS RA-PA ICR	DR. THOMAS MATHEW
████	██████	1	F	26-May-14	TOF, GOOD CONFLUENT PA, GOOD LV, SR,NC	ICR WITH TAP WITH MONOCUSP VALVE RECONSTRUCTION	DR. BAIJU S.DHARAN
████	██████	5	M	27-May-14	ACHD,SEVERE SUPRAVALVULAR AS,GDLV,SR	DOTY'S AORTOPLASTY	DR. BAIJU S.DHARAN

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	██████████	0	M	27-May-14	ACHD, SEVERE POST SCA COA, MILD RVOTO, MILD LV DYSFUNCTION, SR	COA REPAIR - RESECTION AND END TO END ANASTOMOSIS	DR. BAIJU S.DHARAN
████	██████████	0	M	28-May-14	CCHD, OBSTRUCTED SC TAPVC, SEV PAH,PDA, ASD,SR	TAPVC REPAIR	DR. BAIJU S.DHARAN
████	██████████	21	M	29-May-14	SEV AR, P/S ICR+TAP+MONOCUSP FOR TOF	REDOSTERNOTOMY + AVR #29 CHVP	DR. BAIJU S.DHARAN
████	██████████	3	F	30-May-14	PA, VSD, CONFLUENT PA, LPA STENOSIS, S/P LMPTS (2011)	ICR WITH TAP WITH MONOCUSP VALVE + LPA PLASTY	DR. BAIJU S.DHARAN
████	██████████	59	F	2-Jun-14	RHD, SEV RE-MS, MOD MR, MOD PAH, GOOD LV, SR, NC	MVR #	DR. VARGHESE T.PANICKER
████	██████████	43	M	3-Jun-14	SEVERE CALCIFIC AS, MOD AR, GDLV, SR, NC	AVR # 23 CHVP	DR. VARGHESE T.PANICKER
████	██████████	62	M	3-Jun-14	LT UPPER LOBE CARCINOMA LUNG	LT UPPER LOBECTOMY	DR. BALASUBRAMONIAM K.R.
████	██████	54	F	4-Jun-14	CAD, TVD, GDLV, SR, HTN, DM	CABGX 5 GRAFTS LIMA-LAD, RSVG- MAJ DIAGONAL, OM, LPLB AND RPDA	DR. JAYAKUMAR K
████	██████████	15	M	5-Jun-14	RHD,SEV AR,SEV MR,SMALL PFO,GDLV,SR	MVR # 25 CHVP+PMLP , AVR# 21 CHVP , DIRECT PFO CLOSURE	DR. VARGHESE T.PANICKER
████	██████████	67	M	6-Jun-14	BAV, SEV CAL AS, MILD AR, GOOD LV, SR,NC, COPD	AVR # 21 PM MAGNA	DR. VIVEK V. PILLAI
████	██████████	41	M	9-Jun-14	RHD,SEV CAL MS,MILD MR,MILD AR,MOD PAH,CAD,OLD MI,MILD LVD,AF,NC	MVR # 27 CHVP+PMLP	DR. VARGHESE T.PANICKER
████	██████████	58	M	9-Jun-14	CAD, TVD, GDLV, SR, HTN, RA	CABG X 4 GRAFTS (LIMA-LAD RSVG- MAJ DIAG, OM2 & RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	65	F	10-Jun-14	MVP OF AML &PML,SEV MR,TVP,MOD TR,GDLV,AF,NC	MVR#25 PM WITH TOTAL CHORDAL PRESERVATION+TVA #30 MC3 RING	DR. VARGHESE T.PANICKER
███ T	██████████	34	M	10-Jun-14	RHD,S/P BMV,SEV AS,MOD MS,NO PAH,GDLV,SR	AVR (23 # CHVP) + OMV	DR. PRAVEEN VARMA P.K.
████	██████████	67	F	11-Jun-14	CAD, TVD, MILD MR, MOD LVD, RWMA SR,HTN,DM	CABG X 3 GRAFTS (LIMA- LAD, RSVG- OM2 AND RPDA)	DR. PRAVEEN VARMA P.K.
████	██████████	43	F	11-Jun-14	RHD,P/BMV(1999),SEV RE-MS,SEV AS,MOD AR,MILD TR,MILD PAH,AF,GDLV	MVR (25 # CHVP) +PARTIAL PMLP , AVR (19 CHVP)	DR. VARGHESE T.PANICKER
████	██████████	65	F	12-Jun-14	SEV CAL AS, MILD AR, CAD, DVD, LMCA, FAIR LV, SR, HTN, DM	AVR #19 PM + CABG X 3 GRAFTS (RSVG- LAD, MAJ OM AND MAJ DIAGONAL)	DR. PRAVEEN VARMA P.K.
███ T	██████████	55	F	13-Jun-14	RHD, S/P CMV, SEV RE MS, MOD MR, MOD PAH, MILD TR, GOOD LV, SR, NC.	MVR # 25 CHVP + PMLP	DR. PRAVEEN VARMA P.K.
████	██████	55	M	16-Jun-14	BAV,RSOV,SEV AR,MOD AS,MOD PAH,MOD LVD,AF	BENTALLS USING 26 #ALBOGRAFT	DR. JAYAKUMAR K

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HNO	NAME	AGE	SEX	DOP	DIAGNOSIS	PROCEDURE EXECUTED	SURGEON
████	████	55	M	17-Jun-14	S/P BENTALL'S PROCEDURE	REXPLORATION	DR. VIVEK V. PILLAI
████	██████████	73	F	17-Jun-14	CAD,TVD,GDLV,SR,DM,HTN,HYPOTHYROID	CABG X 5 GRAFTS(LIMA-LAD;RSVG-MAJ D,OM,RPDA,RPLB)	DR. JAYAKUMAR K
████	████	35	F	17-Jun-14	BAV, MOD CAL AS, MILD COA, GOOD LV, SR	AVR #19 CHVP	DR. VARGHESE T.PANICKER
████	██████████	67	M	18-Jun-14	CAD,TVD,GDLV,SR,DM,HTN,DLP	CABG X 5 GRAFTS(LIMA-LAD;RSVG-MAJ D,BOTH BR OF RI,DISTAL RCA)	DR. JAYAKUMAR K
████	██████████	31	M	19-Jun-14	ASC AO & ROOT ANEURYSM,SEV AR,DYNAMIC LVOTO,DIL LV,GDLV,AF,NC,MARFANS SYNDROME	BENTALL'S PROCEDURE(# 27 CHVP+28 ALBOGRAFT)+SEPTAL MYECTOMY	DR. JAYAKUMAR K
████	██████████	61	F	20-Jun-14	CAD, TVD, S/P PCT FOR LCX(2005), REC ACS, GOOD LV, SR	CABG X 4 GRAFTS LIMA- LAD, RSVG- D1, D2 AND RPDA (D2 PIGGY BACKED TO D1)	DR. VIVEK V. PILLAI
████	██████████	41	F	23-Jun-14	RHD, S/P AV & MV REPAIR (1991), SEV AR, MOD MR, MILD TR, DILATED LV, MOD-SEV LV DYSFUNCTION LVD, AF, NC	DVR - AVR #23CHVP + MVR #23 CHVP + PMLP	DR. VIVEK V. PILLAI
████	██████████	65	M	24-Jun-14	CAD,TVD, GDLV, SR, DM, HTN	CABGX 4 GRAFTS LIMA- LAD, RSVG-D1, RPDA AND OM2	DR. JAYAKUMAR K
████	██████	66	F	25-Jun-14	RHD, SEV MS, MOD MR, MOD PAH, GOOD LV, SR, NC	MVR # 23CHVP + PARTIAL PMLP	DR. VARGHESE T.PANICKER
████	██████████	40	M	25-Jun-14	SOV ANEURYSM, AVULSED LT CC,SEV AR,MILD MR,MOD PAH,GD LV,NC	AVR( #23 CHVP)+SOV REPAIR	DR. VIVEK V. PILLAI
████	██████████	54	M	26-Jun-14	CAD, DVD, GOOD LV, SR, HTN	CABG X 4 GRAFT ( LMA - LAD, RSVG - D1, D3, RPDA)	DR. JAYAKUMAR K
████	██████████	53	F	27-Jun-14	CAD,TVD,MILD LVD,SR,DM,DLP,	CABGX5 GRAFTS,LIMA-LAD,RSVG-D2,OM2,RPDA,DISTAL RCA PIGGY BACKED TO RPDA	DR. VIVEK V. PILLAI
████	██████████	54	F	30-Jun-14	CAD,TVD, GOOD LV, SR, DM, HTN	CABG X 4 GRAFT (LIMA - LAD, RSVG - MAJOR DIAGONAL, OM1, TERMINAL OM, DISTAL RCA)	DR. VIVEK V. PILLAI
████	████	68	M	1-Jul-14	SEV CAL AS, MOD AR, MILD MR, MILD PAH, GOOD LV, SR, DM	AVR # 23 PM	DR. VARGHESE T.PANICKER
████	██████████	63	M	2-Jul-14	CAD, LMCA, TVD, GDLV, SR, HTN, S/P CHEMORADIATION FOR CA TONSIL,	CABG X 5 GRAFTS (LIMA -> LAD, RSVG-> PDA, TERMINAL OM, OM1, D1)	DR. JAYAKUMAR K
████	██████████	62	F	2-Jul-14	CAD, LMCA+ TVD, GOOD LV, SR, DM, HTN	CABG X 5 GRAFT (LIMA - LAD, RSVG - FIRST DIAGONAL, FIRST OM, SECOND OM, RPDA; D1 PIGGY BACK TO OM1)	DR. JAYAKUMAR K
████	██████████	59	F	3-Jul-14	CAD,TVD,GDLV, SR,HTN	CABGX 5 GRAFT(LIMA-LAD, RSVG- MAJ D,MAJ OM,RI,RCA)	DR. JAYAKUMAR K
████	██████████	42	M	4-Jul-14	RHD, SEV MS, MILD MR, MOD TR, GOOD LV, SEV PAH, AF, NC.	MVR # 29 CHVP + TVA WITH 28 MC3 RING	DR. VARGHESE T.PANICKER
████	██████████	70	F	4-Jul-14	CAD,LMCA,TVD,REC IWMI,MOD-SEV LVD,MOD-SEV MR,SR,DM,DLP.	CABGX 4 GRAFTS,LIMA-LAD,RSVG-D3,MAJ OM,DISTAL RCA,OM PIGGYBACKED TO D3	DR. JAYAKUMAR K

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████	████	67	M	7-Jul-14	CAD, REC ACS, TVD,GOOD LV, SR, DM, HTN, DLP	CABG X 6 GRAFT (LIMA - MID LAD; RSVG - DISTAL LAD, FIRST DIAGONAL, TERM OM, RPDA, RPLB; OM PIGGY BACK TO D1, RPLB PIGGY BACK TO RPDA)	DR. VIVEK V. PILLAI
████	████	40	M	8-Jul-14	CAD,TVD,GDLV,SR,DM,HTN,OBESITY	CABG X 4 GRAFTS (LIMA-LAD, RSVG -DIAGONAL 1,MAJOR OM ,RPDA) DIAGONAL 1 PIGGYBACK FROM MAJ OM	DR. PRAVEEN VARMA P.K.
████	████	24	M	9-Jul-14	RHD, SEV MS, MOD MR, SEV AR, ORGANIC TVD, SEV TR, MILD TS, SEV PAH, GD LV, SR	DVR - AVR # 23 CHVP + MVR # 29CHVP + TVA # 30 MC3 RING WITH COMMISUROTOMY	DR. PRAVEEN VARMA P.K.
████	████	42	M	10-Jul-14	CAD,TVD,GDLV,SR,DLP	CABGX 5 GRAFTS,LIMA-LAD,RSVG-MAJ DIAG,OM1,TERM OM, RPDA	DR. JAYAKUMAR K
████	████	39	M	11-Jul-14	RHD,SEV MS,SEV AS,MOD AR,MOD TR,MILD MR,MILD PAH,AF	DVR(AVR21#CHVP,MVR#25CHVP +PARTIAL PMLP )+TV REPAIR (28#MC3RING)	DR. VARGHESE T.PANICKER
████	████	46	F	12-Jul-14	TYPE A AORTIC DISSECTION , SEV AR,GD LV,SR	SUPRA CORONARY ASC AORTIC REPLACEMENT USING #24 ALBOGRAFT	DR. JAYAKUMAR K
████	████	46	F	12-Jul-14	S/P SUPRA CORONARY ACS AO REPLACEMENT FOR TYPE A AO DISSECTION,REDUCED RT LL DISTAL PULSE	RT FEMORAL CANNULATION SITE REEXPLORATION WITH FEMORAL AETERY EMBOLECTOMY DONE	DR. BINEESH K.R.
████	████	20	F	14-Jul-14	SEV CAL AS, MOD AR, MOD MR, GOOD LV, SR, SEIZURE DISORDER	KONNO RASTON PROCEDURE ,AVR #17 CHVP	DR. JAYAKUMAR K
██	████	68	M	15-Jul-14	CAD,TVD,GDLV,SR,HTN	CABGX5 GRAFT(LIMA-LAD,RSVG-DIAGONAL,OM1,OM2,PDA)	DR. JAYAKUMAR K
████	████	45	M	15-Jul-14	UAV,SEV CAL AS,MILD AR,MILD MR,SR,NC	AVR# 25 CHVP	DR. VARGHESE T.PANICKER
████	████	36	F	16-Jul-14	RHD,SEV MR,DIL LV,MILD LV DYSFUNCTION,MOD PAH,AF	MVR # 29 CHVP +PMLP+BICUSPADISATION OF TV	DR. BINEESH K.R.
████	████	71	M	16-Jul-14	CAD,LMCA,TVD,GDLV,HTN,SR	CABGX 4 GRAFTS,LIMA-LAD,RSVG-RI,MAJ OM,RPDA	DR. JAYAKUMAR K
████	████	69	M	17-Jul-14	CAD,LMCA,DVD,GDLV,DM,HTN	CABGX5 GRAFTS,LIMA-LAD,RSVG-MAJ DIAG,RI,MAJ OM,RPDA	DR. JAYAKUMAR K
████	████	54	M	18-Jul-14	CAD,TVD,GDLV,HTN,SR,DLP	CABGX 4 GRAFTS,LIMA-LAD,RSVG-MAJ D,TERM OM,AM	DR. JAYAKUMAR K
████	████	42	F	21-Jul-14	RHD,S/P BMV2006, S/P IE (2004/ 2005), MOD-SEV MR, MOD MS, MOD PAH, SR, DM, NC	MVR # 23 CHVP + PMLP	DR. BINEESH K.R.
████	████	57	M	21-Jul-14	CAD,TVD, LMCA, MILD LVD, SR, DM, DLP, HYPOTHYROIDISM	CABG X 6 GRAFTS LIMA-LAD, RSVG- MAJ DIAG, OM1, OM2, RPDA& RPLB	DR. JAYAKUMAR K
████	████	38	F	22-Jul-14	P/TYPE B AORTIC DISSECTION REPIR(2009), ASCE AORTIC ANEURYSM WITH DISSECTION, SEV AR, DILATED LV, GOOD LV, SR, MARFANS SYNDROME.	BENTALL'S PROCEDURE(AVR # 23 CHVP+ 24 ALBOGRAFT.)	DR. JAYAKUMAR K
████	████	51	F	23-Jul-14	RHD,SEV MS,MOD MR,MOD TR,MOD PAH,,AF,GDLV,NC	MVR#29 CHVP+PMLP	DR. VARGHESE T.PANICKER
████	████	58	M	24-Jul-14	CAD, DVD, MOD-SEV LVD, RWMA, SR, HTN, DLP	CABG X 5 GRAFTS LIMA-MID LAD, RSVG- DISTAL LAD, MAJOR DIAGONAL, OM1 AND TERMINAL OM	DR. VIVEK V. PILLAI

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████	████	55	M	25-Jul-14	SEV AR, MOD MR, S/P IE, DIL LV, MOD LV DYSFUNCTION, MOD PAH, SR, NC.	AVR # 23 CHVP + MV REPAIR (ANNULOPLASTY WITH # 29 TAYLOR RING + PERFORATION CLOSURE)	DR. VARGHESE T.PANICKER
████	████	49	F	29-Jul-14	RHD,SEV CAL MS,MILD MR,GDLV,MILD PAH,SR,NC.	MVR (# 23 CHVP) + PARTIAL PMLP	DR. BINEESH K.R.
████	████	38	M	30-Jul-14	RHD, SEV MS, MOD MR, MOD TR, GOOD LV, MOD PAH, AF	MVR # 29 CHVP + PARTIAL PMLP + BICUSPIDISATION OF TV	DR. SIVAPRASAD V.
████	████	58	M	31-Jul-14	CAD, TVD, GDLV, SR, VV	CABG X 4 GRAFTS (LIMA- LAD, RSVG- MAJ DIAGONAL, MAJOR OM AND RPDA)	DR. JAYAKUMAR K
████	████	53	M	1-Aug-14	CAD,DVD,GDLV,SR	CABG X 4 GRAFT(LIMA-LAD,RSVG-D2,RI,PRE CRUX RCA)	DR. JAYAKUMAR K
████	████	65	F	4-Aug-14	CAD,TVD,GDLV,SR,HTN	CABG X 3 GRAFTS(LIMA-LAD,RSVG-MAJ OM,DISTAL RCA)	DR. PRAVEEN VARMA P.K.
████	████	62	F	4-Aug-14	RHD, SEV MS, SEV MR, MOD TR, FAIR LV, AF, NC	MVR # 25 PM WITH PARTIAL PMLP + BICUSPIDISATION OF TV	DR. VARGHESE T.PANICKER
████	████	48	M	5-Aug-14	RHD, SEV MS,MILD MR,CAD, GD LV SR	MVR# 25 CHVP	DR. PRAVEEN VARMA P.K.
████	████	70	F	6-Aug-14	CAD,TVD,RECENT AWWMI,MOD LVD,SR,DM,HTN.	CABG X 4 GRAFTS(LIMA -LAD,RSVG TO D1,MAJ OM,DISTAL RCA)	DR. PRAVEEN VARMA P.K.
████	████	25	M	7-Aug-14	RHD, SEV CAL MS, MOD MR, MOD AS, MOD AR, GDLV, SR.MILD PAH.	DVR-AVR # 17 SJR,MVR # 23 CHVP + PMLP	DR. PRAVEEN VARMA P.K.
████	████	61	M	8-Aug-14	CAD, DVD, MOD LVD, SR, HTN	CABG X 2 GRAFTS (LIMA- LAD, RSVG- TERM OM)	DR. PRAVEEN VARMA P.K.
████	████	57	M	11-Aug-14	CAD,TVD,GDLV,SR,DM,HTN,DLP,COPD	ON PUMP BEATING HEART CABG X 3 GRAFTS(LIMA-LAD,RSVG-OM1,RPDA)	DR. JAYAKUMAR K
████	████	54	F	11-Aug-14	CAD,TVD,DM,HTN,GDLV,DLP,SR	CABG X 4 GRAFTS (LIMA-LAD,UPPER & LOWER BRANCH OF OM,DISTAL RCA)	DR. JAYAKUMAR K
████	████	52	M	12-Aug-14	BAV, SEV. CAL AS, CAD, DVD, GOOD LV, SR, DM	AVR # 19 CHVP + CABG X 2 GRAFT (RSVG-LAD,RPLB)	DR. VIVEK V. PILLAI
████	████	25	M	13-Aug-14	RHD, SEV AR, DIL. LV, GOOD LV, SR	AVR # 23 CHVP	DR. VARGHESE T.PANICKER
████	████	35	M	14-Aug-14	UAV, SEV CAL AS, MILD AR, GOOD LV, SR	AVR # 21 CHVP + AORTOPLASTY	DR. VARGHESE T.PANICKER
████	████	62	M	14-Aug-14	CAD, TVD, GDLV, SR, DM, HTN	CABG X 4 GRAFTS (LIMA- LAD, RSVG- TERMINAL OM , MAJ DIAGONAL AND RPLB)	DR. JAYAKUMAR K
████	████	35	M	14-Aug-14	UAV, SEV CAL AS, MILD AR, GOOD LV, SR	AVR # 21 CHVP + AORTOPLASTY	DR. VARGHESE T.PANICKER
████	████	56	M	18-Aug-14	CAD TVD OLD STEMI MODLVD SR DM HTN	CABG X 4 GRAFT(LIMA-LAD, RSVG-DIAGONAL,TERMINAL OM, AM- PDA)	DR. VIVEK V. PILLAI

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████	██████████	32	M	19-Aug-14	ACHD, MULTIPLE ASD, CHRONIC PULM. THROMBOEMBOLISM, SEV PAH, B/L DVT	PULMONARY THROMBEENDARTERECTOMY + DIRECT CLOSURE OF ASD	DR. JAYAKUMAR K
████	██████████	51	M	20-Aug-14	CAD, TVD, SEV LV DYSFUNCTION, SR, HTN	CABG X 5 GRAFTS (LIMA- LAD, RSVG- D1, OM1, TERMINAL OM, & DISTAL RCA) + LINEAR PPLICATION OF LV APEX	DR. JAYAKUMAR K
███ T	██████████	53	M	20-Aug-14	RHD ,SEV MS, MOD MR,MILD PAH, GDLV, SR, DM	MVR #27 CHVP	DR. VARGHESE T.PANICKER
████	██████████	59	F	21-Aug-14	MARFANS SYNDROME, SEV TR, MVP, MOD AR, DIL LV, GDLV, CAD, SVD, SR, DM , MOD PAH, HYPOTHYROIDISM, OSTEOPORASIS	AVR# 21 PM MAGNA + MV REPAIR (P2 SEGMENT TRIANGULAR RESECTION + 30 SADDLE RING) + CABG X 1 GRAFT ( RSVG- LAD)	DR. VIVEK V. PILLAI
████	██████████	0	F	1-Sep-14	CCHD, LONG SEG PA, SA VSD, CONF PA, PDA, MULTIPLE COLLATERALS, NC, SR	LMBTS WITH 3.5MM PTE GRAFT + PDA INTERPUTION + LIGATION OF MULTIPLE COLLATERALS	DR. BAIJU S.DHARAN
████	██████████	0	F	2-Sep-14	CCHD,TOF,CONF FAIR PA,LPA STENOSIS,NC,SR,H/O SPELLS	ICR+TAP+MONOCUSP RECONSTRUCTION OF RVOT+LPA PLASTY	DR. THOMAS MATHEW
████	██████████	3	M	3-Sep-14	PA,SA VSD,MAPCAS,CONF POOR PA,RPA STENOSIS,GD BV FUNCTION,SR	UNIFOCALISATION OF MAPCA TO UPPER BR OF RPA+ICR(4MM FENESTRATED GP)+TAP+MONOCUSP RECONSTRUCTION OF RVOT+MPA,CONFLUENCE AND BR PA PLASTIES	DR. BAIJU S.DHARAN
████	██████████	7	M	4-Sep-14	CCHD, TOF, S/P BTS (20008), GOOD CONF PA, SR, NC, DOWNS SYNDROME	ICR (TRANS RA + RVOT TPP PATCH) + BTS TAKE DOWN	DR. THOMAS MATHEW
████	██████████	0	F	9-Sep-14	NON OBS SC TAPVC,PFO,MILD PAH,SR	TAPVC REPAIR + PFO MADE RESTRICTIVE	DR. BAIJU S.DHARAN
████	██████████	0	M	16-Sep-14	SEV POST SUBCLAV COA,OSASD,SEV PAH,BIVENTRICULAR DYSFN,SR	RESECTION AND EXTENDED END TO END ANASTAMOSIS	DR. BAIJU S.DHARAN
████	██████████	1	F	17-Sep-14	LARGE INLET VSD+MM VSD, MOD MR, SEV PAH, MILD COA, GOOD BIVENTRICULAR FUNCTION	VSD CLOSURE + MV ANNULOPLASTY + STENTED STERNUM	DR. THOMAS MATHEW