

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

**(An Institute of National Importance)**

**THIRUVANANTHAPURAM, KERALA- 695011**



**LOG BOOK**

**LIST OF PROCEDURES DONE**

***SUMAYYA S***

**PG DIPLOMA IN CLINICAL PERFUSION**

**DEPARTMENT OF CVTS**

**2016-2017**

# **SREE CHITRA THIRUNAL INSTITUTE FOR MEDICAL SCIENCES AND TECHNOLOGY, THIRUVANANTHAPURAM, KERALA, INDIA**



**The Sree Chitra Thirunal Institute for Medical Sciences and Technology (SCTIMST), Trivandrum is an institute of national importance established by an Act of Indian parliament. It is an autonomous institute under the administrative control of the Department of Science and Technology, Government of India.**

**The institute signifies the convergence of medical science and technology and its mission is to enable the indigenous growth of biomedical technology, besides demonstrating high standards of patient care in medical specialties and evolving post graduate training programs in advanced medical specialties, biomedical engineering and technology, as well as in public health.**

**It has a 253 bedded hospital for tertiary care of cardiovascular and neurological diseases, a biomedical technology wing with facilities for developing medical devices from a conceptual stage to commercialization, and a centre of excellence for training and research in public health.**

**The institute has the status of a University and offers postdoctoral, doctoral and postgraduate courses in medical specialties, public health, nursing, basic sciences and healthcare technology. It is a member of the Association of Indian Universities and the Association of Commonwealth Universities.**

# CERTIFICATE



I Mrs. SUMAYYA S hereby declare that I have performed all procedures listed under report.

Place: Thiruvananthapuram

Signature:.....

Date:

Name : SUMAYYA S

Forwarded, She has carried out the minimum requirement of the procedures.

Signature:.....

Head of the Department,

CVTSSCTIMST, Trivandrum

## **ACKNOWLEDGEMENT**

First and foremost I would like to thank our head of the Department **Dr.Jayakumar**, who guided through the different phases of studies and encouraged and helped me in all aspect of my training.

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I would like to thank our scientific assistant **Mrs.BeegumThaslim** and all other perfusionists for their timely guidance.

I thank the director of the institute **Dr.Asha Kishore**, Dean **Dr.V. Kalyana Krishnan** and Registrar **Dr.A.V.George** for their valuable advice, help and attention towards me.

At last I would like to acknowledge my sincere thanks to my juniors and seniors for their co-operation in the work place. I also thank all other colleagues, technical and service personnel and well-wishers who helped me during the last two years of my study.

**SUMAYYA S**

# **CASES OBSERVED**

SL NO	PATIENT'S ID	DIAGNOSIS	PROCEDURE	SURGEONS	PERFUSIONIST	ITEM USED	Wt (Kg)	BSA (m <sup>2</sup> )	CPB TIME (min)	CROSS CLAMP TIME (min)
1	Reetha Vijayakumar 407695	TYPE A AORTIC DISSECTION SEV AR SR	SUPRA CORONARY AORTIC REPLACEMENT	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF	58	1.59	133	52
2	Muhammad Ijas V 398779	SEV AR, POST IE,DIL LV, GDLV,SR	AVR	Dr Bineesh Dr Neeraj	Don Sumayya	Affinity,ACP,ALF BCDS	66	1.78	87	69
3	Solahudeen U 406500	CAD, TVD, GDLV,SR,DLP,HTN	CABG	Dr Jayakumar Dr Vargheese	Maya Sumayya	Affinity,ACP,ALF	58	1.59	130	50
4	Sudalaimadan S 398700	CAD,LMCA,TVD FAIR LV,SR, DM, HTN,CKD	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Affinity,ACP,ALF, HC ADULT	56.5	1.58	156	61
5	Valsala V 8700975	RHD,SEV MS,MOD MR,ORGANIC TR, FAIR LV,P/CMV 87,MIRROR AO BR	MVR	Dr Varghese Dr Neeraj	Shanu Sumayya	Affinity,ACP,ALF BCDS	47	1.38	180	95
6	Dhanam N 398233	CAD, TVD, GDLV,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF	61.3	1.66	92	46
7	Parameswaran Achari 390460	CAD, OLD MI, TVD, GDLV,SR,DM,HTN, DLP	CABG	Dr Jayakumar Dr Varghese	Lakshmi Sumayya	Affinity,ACP,ALF	54	1.50	85	39

8	Lohidakshan K 399134	CAD, TVD, GDLV,SR,DM,HN,DLP	CABG	Dr Vivek Dr Vijay	Maya Sumayya	Affinity,ACP	63.5	1.69	62	-
9	Richard Thomas 399986	CAD,LMCA,TVD,SR, GDLV,DM,DLP,HTN	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Affinity,ACP,ALF	67.4	1.73	92	47
10	Janardanan 397805	CAD, OLD MI, TVD, GDLV,SR,MOD LVD	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF	53.8	1.53	125	51
11	Valsan V K 318914	MVP OF PML,SEV MR,GDLV,SR,NC,P/SP INAL FRAC NEURO GENIC BLADDE	MVR	Dr Varghese Dr Sourabh	Shanu Sumayya	Affinity,ACP,ALF, BCDS	65	1.71	116	58
12	Shaju N G 394460	ACHD,SVASD,MILD PAH,SR,NC	ASD CLOSURE	Dr Bineesh Dr Vijay Dr Neeraj	Lakshmi Sumayya	Affinity,ACP	74	1.84	92	70
13	Rajendran Nair S 400734	CAD,LMCA,TVD,SR, GDLV,DM,DLP,H/O TIA	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF	58	1.57	81	37
14	Drishya N D 404038	ACHD,OSASD,MOD PAH,SR,GDLV	THORACOTOMY +ASD CLOSURE	Dr Varghese Dr Sourabh	Shanu Sumayya	Affinity,ACP,ALF	52	1.50	53	39
15	Baju Mohan 406548	CAD,TVD,REC IWMI,GDLV,SR,DLP, HTN	CABG	Dr Jayakumar Dr Varghese	Sujith Sumayya	Affinity,ACP,ALF, BCDS	60	1.62	124	60
16	Sachin K 408548	TOF,CONFLUENT PA,GDLV,SR	ICR	Dr Thomas Dr Chirag	Sujith Sumayya	Lilliput,NCP,HC(I)	5.7	0.31	99	71
17	Valagurunathan P 376958	ACHD,SAVSD, SUPRA MITRAL MEM SEV PAE FIT	VSD CLOSURE+ SUPRA MITRAL MEMB EXCISION	Dr Thomas Dr Abhay	Sujith Sumayya	Capiox10R,ICP,PB CDS,HC(I)	11	0.53	141	85
18	Diya Fathima C P 403567	MIXED TAPVC,ASD MUSCULAR VSD, MOD PAE, GDLV,SR	TAPVC REPAIR	Dr Baiju Dr Abhay	Moncy Sumayya	Capiox10R,ICP, PBCDS	12	0.52	78	63

19	Mary Selvakumari A 324184	RHD,MOD AS,MOD AR,MOD SEV MR,MOD TS,AF	DVR+TV REPAIR	Dr Varghese Dr Abhay	Shanu Sumayya	Affinity fusion,PCP 1,BCDS	61	1.64	218	155
20	Sukudevan Nair D 403470	CAD,TVD,GDLV, DM, SR,DLP, HTN,CKD	CABG	Dr Vivek Dr Neeraj	Lakshmi Sumayya	Affinity,ACP,ALF, BCDS,HC(A)	61	1.65	121	68
21	Zeenath A.K 8900863	RHD,SEV AS,MOD AR, MOD SEV MS	DVR	Dr Varghese Dr Neeraj	Shanu Sumayya	Dideco 905, ACP,ALF, BCDS	48.5	1.49	209	142
22	Jalaludeen A 405939	CAD,TVD,GDLV, DM, SR,DLP, HTN,	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF	67	1.77	80	37
23	Ismail K 382884	RHD,P/CMV,SEV MS,MR,MOD-SEV TR, FAIR LV, MOD PAH,AF,HCV+,CKD CVA	MVR	Dr Varghese Dr Abhay	Don Sumayya	Quadrox-i, ACP, ALF, BCDS,HC	56	1.95	142	75
24	Krishnan Kutty N 406280	CAD, DVD,AWMI MILD MOD LVD SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Quadrox-i, ACP,ALF	54.2	1.62	117	42
25	Radhakrishnan TG 404984	DEGEN SEV CAL AS, MILD MOD AR,GDLV,SR,NC	AVR	Dr Varghese Dr Abhay	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	66.5	1.70	137	77
26	Kunjumammed 409251	CAD, DVD,S/P PTCA RCA& LAD GDLV,SR,DM,HTN	CABG	Dr Varghese Dr Neeraj	Lakshmi Sumayya	Quadrox-i, ACP,ALF, BCDS	74.5	1.87	92	50
27	Ganesh Kumar K 378332	RHD,P/CMV98, RE SEV MS ANEURYS LA SEV MR,AF, SMALL LAD PLAQUE	MVR	Dr Varghese Dr Neeraj	Lakshmi Sumayya	Affinity,ACP,ALF,B CDS	58	1.61	154	77
28	Radhakrishnan K 375513	MVPS,MOD-SEV MR,GDLV,MILD PAH,HTN,SR,NC	MV REPAIR	Dr Vivek Dr Vijay	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	47	1.47	86	67

29	Padmakumari T 399042	SEV CALC AS,MOD PAH,MILD AR,MILD- MOD MR,GDLV,NC,DM PEMPHIGUS	AORTIC ROOT ENLARGEMENT+ AVR	Dr Varghese Dr Abhay	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	87.4	1.92	210	148
30	Mohanan Pillai 404839	CAD, TVD,RECENT AWMI(LYSED),GDLV DLP,SR	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Quadrox-i, ACP,ALF, BCDS	68.5	1.82	124	64
31	Jaseena CK 303187	SEV MR,DIL LV, ANEURYSMAL LA,GDLV,AF,SR	MVR+LA REDUCTION	Dr Bineesh Dr Neeraj	Don Sumayya	Dideco 905,ACP,ALF, BCDS	42.5	1.35	118	98
32	Shamsudeen 409265	BAV,SEV AR DIL AORTIC ROOT AAA,GDLV,SR,MINOR CAD,HYPOTHYROID	BENTALL	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF	84.2	2.06	105	80
33	Reja Fathima 348358	S/P PA BANDING+ATRIAL SEPTECTOMY(2012), MULT VSD,NO PAH SR	REDO+BDG+PA BANDING+TV REPAIR	Dr Thomas Dr Chirag	Thaslim Sumayya	Capiox 10R,ICP PBCDS,HC(I)+ Spictra reservoir	13	0.59	200	73
34	B/O Soumya 405252	TGA,SP VSD,PDA LPOSED AORTA MILD PS	ASO+VSD CLOSURE	Dr Baiju Dr Sourab	Monsy Sumayya	Baby Rx,HC(I),ICP	3.5	0.23	254	120
35	Aaliya John 410548	CCHD,OBST IC TAPVC PM VSD,PDA,NC	TAPVC REPAIR	Dr Thomas Dr Chirag	Monsy Sumayya	Baby Rx,HC(I) Individual lines	3.0	0.23	286	186
37	Ayisha Rahman A 399557	CCHD,COMPLETE AVCD,MILD AVVR,SEV PAH DOWNS	AVCD REPAIR	Dr Baiju Dr Chirag	Shanu Sumayya	Baby Rx,HC(I),ICP	5.9	0.32	136	105
38	Bhagath Krishna K 384775	ACHD,SV ASD,RA/RV OVER LOAD,NORMAL VENOUS DRAINAGE	ASD CLOSURE	Dr Thomas Dr Sourab	Thaslim Sumayya	PCP 2,PBCDS	15	0.65	65	21

39	Athira S 397499	ACHD,OS ASD NO PAH,SR	ASD CLOSURE	Dr Thomas Dr Sourab	Thaslim Sumayya	Baby Rx,HC(I) Individual lines	4.1	0.26	81	42
40	Lalitha Sasidharan 9603630	RHD,P/CMV97 SEV MS,MILD MR MOD AR,SEV TR MOD PAH,NC	MVR	Dr Bineesh Dr Vijay	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	55.5	1.5	122	61
41	Celin C J 34287	RHD,S/PCMV,SEV RE MS,GDLV,SR,NC	MVR	Dr Bineesh Dr Neeraj	Don Sumayya	Affinity,ACP,ALF,B CDS	66.5	1.70	143	82
42	Silas Rajeevan 412684	CAD,LMCA90%,TVD RECENT MI,SEV LVD MOD MR,SR	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Quadrox-i, ACP,ALF, BCDS	69	1.83	130	63
43	Usha Johnson 407093	MVP,SEV MR,MILD PAH,GDLV,SR,SM ALL RCA PLAQUE	MV REPAIR	Dr Varghese Dr Neeraj	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	69	1.75	136	110
44	Rajan K C 409793	SEV CAL AS,MOD AR DILATED AS AORTA MILD LVD,MOD PAH, NC,SR	AVR+ASC AORTIC REPLACEMENT	Dr Vivek Dr Vijay	Shanu Sumayya	Dideco 905,ACP,ALF, BCDS,HC(P)	46	1.43	136	110
45	Kabeer I 410158	CAD,TVD,GDLV,CSA SR,DLP, SMOKER	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Quadrox-i, ACP,ALF	68.5	1.77	102	48
46	Baby P 410953	SUB AORTIC VSD OSASD,SEV AR,MOD MR,DILATED ASCENDING AORTA GDLV,PAROXYMAL AF	AVR+ AORTOPLASTY	Dr Vivek Dr Vijay	Don Sumayya	Quadrox-i, ACP,ALF,BCDS	61.5	1.72	275	218
47	Kaneesh K 376334	CCHD, LONG SEG PA SA VSD,PDA,MAPCA+ B/L SVC, SR	ICR WITH CONDUIT	Dr Baiju Dr Neeraj	Monsy Sumayya	Capiox 10R,ICP PBCDS,HC(I)	12	0.55	243	154
48	Fathima Shifa V 403914	CCHD,TA,ASD,VSD SEV PS,NRGA,SR,NC	BDG	Dr Baiju Dr Abhay	Shanu Sumayya	Baby Rx,HC(I),ICP	5.1	0.30	46	-

49	Muhammed Sabith M 391606	ACHD,SVASD,GDLV, SR	ASD CLOSURE+ PAPVC REROUTING	Dr Baiju Dr Neeraj	Shanu Sumayya	Capiox 10R,ICP	13.5	0.62	58	29
50	Hessa Moidheen T 397754	AVCD,DORV,VSD,SEV PS,GDLV,SR	BDG	Dr Thomas Dr Abhay	Shanu Sumayya	Baby Rx,HC(I),ICP	8.11	0.38	102	39

# **CASES ASSISTED**

SL NO	PATIENT'S ID	DIAGNOSIS	PROCEDURE	SURGEONS	PERFUSIONIST	ITEM USED	Wt (Kg)	BSA (m <sup>2</sup> )	CPB TIME (min)	CROSS CLAMP TIME (min)
1	B/O Fareeda P 408121	CCHD,AZYGIOUS TYPE TAPVC,MOD PAH MILD CHF,SR	TAPVC REPAIR	Dr Baiju Dr Sourab	Monsy Sumayya	Baby Rx,HC(I),ICP	4.9	0.29	98	46
2	Adhinath P M 364877	PINK TOF,VALVULAR PS,GOOD PA	ICR	Dr Baiju Dr Sourab	Monsy Sumayya	Capiox 10R,ICP PBCDS,HC(I)	11	0.51	97	75
3	Mohammed Sharik M T 408320	ACHD,LEFT PULMONARY SLING DISTAL SHORT SEGMENT TRACHEAL STENOSIS,OSASD GOOD BV FUNCTION NC,SR	ASD CLOSURE+ TRACHEAL RING RESECTION+ LPA RE- IMPLANTATION	Dr Baiju Dr Chirag	Shanu Sumayya	Baby Rx, ICP HC(I)	7.7	0.38	139	26
4	Avanthika C 392173	ACHD,OS ASD,GDLV, SR	ASD CLOSURE	Dr Baiju Dr Sourab	Monsy Sumayya	Dideco 902,ICP	12	0.56	41	25
5	Adarsh K.J 370825	CCHD,PA,IVS,HYPOPL TV RV,PDA DEP,ASD LAR,P/BPV,P/PDA,ST	ONE AND HALF VENTRICULAR REPAIR	Dr Baiju Dr Sourab	Shanu Sumayya	Capiox 10R,ICP PBCDS,HC(I)	9	0.45	102	32
6	John Sarasan K 398070	CAD,TVD,AWMI (1/15)	CABG	Dr Vivek Dr Vijay	Don Sumayya	Quadrox-i, ACP,ALF, BCDS	72.5	1.83	105	68
7	Jaya Singh S 408905	SEV CAL AS, MOD AR GDLV,SR,NC,NO PAH HYPOTHYROIDISM	AVR	Dr Bineesh Dr Chirag	Lakshmi Sumayya	Quadrox-i, ACP,ALF, BCDS	65.5	1.67	90	63
8	Gopinathan K 286526	CAD,OLDIWMI+ RWMI(LYSED08) REAWMI(LYSED14) TVD,LMCA,GDLV,SR, DM	CABG	Dr Vivek Dr Vijay	Shanu Sumayya	Quadrox-i, ACP,ALF, BCDS	65.5	1.74	68	110

9	Vijaya Lekshmi S 403395	RHD,MVP,SEV MR(FLAIL PML),DIL LV,MOD PAH,AF-CVR	MVR	Dr Vivek Dr Vijay	Shanu Sumayya	Dideco 905 ACP,ALF, BCDS	49	1.48	80	56
10	Thobias Netto B 405741	CAD,NSTEMI(10/15) TVD,GDLV,SR,DM DLP,HTN	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Quadrox-i, ACP,ALF, BCDS	58.4	1.60	103	60
11	Madhu Kumaran Nair N 393530	CAD,CSA,TVD,GDLV SR,DM,HBSAG	CABG	Dr Jayakumar Dr Vivek	Sujith Sumayya	Affinity,ACP,ALF	67.5	1.80	121	68
12	Baby P 410953	S/P AVR+REDUCTION AORTOPLASTY+VSD+ ASD CLOSURE+MV REPAIR	REDO STERNOTOMY+ MVR	Dr Vivek Dr Neeraj	Shanu Sumayya	Quadrox-i, ACP,ALF, BCDS HC(A)	54.5	1.62	95	66
13	Ulahannan V K 406036	SEV CAL AS,MILD AR MILD MR,LVH,GDLV PAROX AF	AVR	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	72.5	1.87	122	69
14	Suresh Kumar G 412768	CAD, TVD,LMCA GDLV,SR,DLP,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity,ACP,ALF	62.3	1.70	107	59
15	Arumugan Pillai R 411619	CAD, TVD,LMCA GDLV,SR,DLP,HTN	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Affinity,ACP,ALF	67	1.70	97	50
16	Bala Kanninga T 373300	ACHD,OSASD,GDLV SR	ASD CLOSURE	Dr Vijay Dr Debhabrit	Lakshmi Sumayya	Affinity,ACP	58.5	1.59	85	39
17	Mumthas P 406791	RHD,MVP,SEV MR,GDLV,SEV PAH SR,NC	MV REPAIR	Dr Bineesh Dr Sourab	Shanu Sumayya	Affinity,ACP,ALF BCDS	70	1.78	97	62
18	Muhammed Alif A.S 413572	SVASD,OSASD,CHF SEV HYPER PAH,GDLV,SR	VSD CLOSURE	Dr Baiju Dr Chirag	Don Sumayya	Baby Rx, HC(I),Individual lines	2.9	0.21	94	
19	Mohanan K 410146	CAD,SVD,SEV CAL AS MOD AR,GDLV,SR	AVR+CABG	Dr Varghese Dr Sourab	Shanu Sumayya	Affinity,ACP,ALF BCDS	51.3	1.48	126	89

20	Preetha L 9207643	RHD,P/CMV,P/BMV SEV REMS,LMCA STROKE,SEV PAH GDLV,SR	MVR	Dr Bineesh Dr Abhay	Don Sumayya	Affinity,ACP,ALF BCDS	53.5	1.49	91	47
21	Vijayan M S 403606	CAD,DVD,MILD LVD OLD IWMI,TRIV MR SR,BA,DLP,HTN	CABG	Dr Vivek Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	63	1.73	80	43
22	Akshai Krishna S V 194092	PA,SA VSD,P/R& LMBTS,P/MAPCA COILING CHB	ICR WITH CONDUIT	Dr Baiju Dr Chirag	Thaslim Sumayya	Affinity,ACP,ALF PBCDS	57	1.66	507	170
23	Dirshith D 404780	SVASD,OSASD,HYPER KINETIC PAH,GDLV SR,DOWN SYND	VSD+ASD CLOSURE	Dr Baiju Dr Abhay	Monsy Sumayya	Baby Rx,HC(I),ICP PBCDS	6.5	0.35	85	68
24	Muneenul Haque P C 402381	TOF,CONF PA GDLV,SR	ICR	Dr Baiju Dr Chirag	Sujith Sumayya	Capiox 10R,ICP PBCDS	9	0.44	95	74
25	Surendran Nair A 412789	CAD,TVD,MILD LVD GDLV, DM,SR DLP, HTN	CABG	Dr Jayakumar Dr Vargheese	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	70.3	1.77	117	53
26	Rajan O 413423	CAD,LMCA,TVD AORTIC SCLEROSIS MILD AS,AR,MOD LVD,SR,HTN,DLP	CABG	Dr Vivek Dr Vijay	Shanu Sumayya	Affinity,ACP,ALF BCDS	75.6	1.87	117	59
27	Tomas J 279207	CAD,DVD,OLD CVA 08,HTN,DM,DLP,SR	CABG	Dr Jayakumar Dr Vargheese	Shanu Sumayya	Affinity,PCP,ALF BPX80	62.4	1.70	130	60
28	Shafeek P M 410628	RHD,SEV AR,MOD MR,MILD AS,NO PAH GDLV,SR	DVR	Dr Vivek Dr Sourab	Shanu Sumayya	Dideco 905,PCP ALF,BCDS	35.5	1.22	148	112
29	Ayisha Minha K V 401670	TOF GOOD PA, ANATOMY SMALL CONAL BR. CROSSING RVOT,GDLV,SR	ICR	Dr Baiju Dr Yadhav	Monsy Sumayya	Baby Rx,ICP PBCDS	6.4	0.34	131	101

30	Vijay M 412800	TA,TGA, VSD,ASD,PS SEV PAH,GDLV,SR	PA BANDING	Dr Baiju Dr Neeraj	Monsy Sumayya	Capiox 10R,PCP 2	15	0.67	110	-
31	Deekshitha Subin 367039	TOF GOOD PA, ANATOMY SMALL PDA ,SR	ICR	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(I)	9	0.45	87	64
32	Ayana Alan 400453	SAVSD,PDA,SEV PAH SR	VSD CLOSURE	Dr Baiju Dr Neeraj	Monsy Sumayya	Baby Rx,ICP PBCDS,HC(I)	7	0.37	61	43
33	B/O Jancy Rany 415216	OBSRTRUCTED SC TAPVC,SEV PAH FAIR RVFUNCTION,SR	TAPVC REPAIR	Dr Baiju Dr Yadhav	Don Sumayya	Baby Rx, HC(I),Individual lines	2.6	0.19	106	45
34	Dinak Pradeep 400006	SVASD,PAPVC(RU TO PA),NO PAH	ASD CLOSURE+ PAPVC REROUTING	Dr Sudip Dr Neeraj	Thaslim Sumayya	Dideco 905,PCP 1 PBCDS	23	0.92	156	109
35	Adhish Raj 404428	SAVSD,MOD SEV PAH CONT CCF,FTT,SR	VSD CLOSURE	Dr Baiju Dr Chirag	Shanu Sumayya	Baby Rx,ICP PBCDS,HC(I)	5.9	0.34	63	45
36	B/O Sameera 413552	DTGA,SPVSD,ASD BICUSP PV,MILD PS SR	ASO	Dr Baiju Dr Yadhav	Thaslim Sumayya	Baby Rx,PBCDS HC(I),Individual lines	3.4	0.22	177	106
37	Abhirami T B 355022	TOF,CONF PA GDLV,SR,NC	ICR	Dr Baiju Dr Neeraj	Thaslim Sumayya	Dideco 905,PCP 1 PBCDS	30	1.12	186	146
38	Muhammed Faizan K 381487	SAVSD,RCC PROLAPSE,MILD AR,NO PAH,SR	VSD CLOSURE	Dr Baiju Dr Neeraj	Monsy Sumayya	Dideco 902,ICP PBCDS	13	0.57	65	43
39	Adhithya S 406048	OSASD, NO PAH GDLV,SR	ASD CLOSURE	Dr Yadhav Dr Neeraj	Thaslim Sumayya	Dideco 902,ICP PBCDS,HC(I)	15	0.65	100	73
40	Anirudh S Unnithan 410921	LARGE MUSC VAD MOD SEV PAH,SR	VSD CLOSURE	Dr Baiju Dr Chirag	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(I)	5.5	0.32	72	49
41	Niranjana K R 411281	VALVULAR PA VSD CONF .PA,PDA, CONAL BR. CROSSING RVOT,SR	ICR	Dr Baiju Dr Yadhav	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(I)	5.5	0.30	189	146

42	Jeevan M K 404444	TOF WITH GOOD PA ANATOMY ASD SPELL +GDLV,SR	ICR	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,ICP PBCDS	7.5	0.38	162	130
43	Neeraj Krishna 354339	DTGA,ASD,VSD HYPOPLASTIC RVP/ BAS P/PAB+AS,SR	REDO STRENOTOY+ BDG	Dr Baiju Dr Yadhav	Monsy Sumayya	Dideco 902,ICP	10.5	0.50	55	-
44	Siva Murugan M 409292	DTGA,REST.ASD,VSD PRESERVED LV RETRO.PUL LCX MILD PS,SR	ASO	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(I)	7	0.37	172	124
45	Harshana H 366734	OSASD,MILD PAH GDLV,SR	ASD CLOSURE	Dr Sudip Dr Mahendra	Monsy Sumayya	Dideco 902,ICP PBCDS	13	0.61	48	20
46	Aishu Jameesh 369386	DORV,MULTIPLE VSD,CONF PA,P/PDA STENT	BDG	Dr Baiju Dr Yadhav	Monsy Sumayya	Baby Rx,ICP	9.5	0.46	120	90
47	Karup Swamy K 385863	OSASD,MILD PAH GDLV,SR	ASD CLOSURE	Dr Yadhav Dr Nikhil	Thaslim Sumayya	Dideco 902,ICP PBCDS	12	0.57	82	56
48	Anand S 360040	SVASD,RUPV TO SVC RA JUNC,GDLV,SR	ASD CLOSURE+ PAPVC REROUTING	Dr Sudip Dr Neeraj	Thaslim Sumayya	Dideco 905,PCP 1 PBCDS	40	1.38	205	71
49	B/O Salo Thomas (Dr) 415440	P/NOORWOOD STAGE 1 FOR CCHD,HLHS,MITRAL ATRESIA, HYPOPLASTIC ARCH, ASD,MILD MUSC VSD SEV PAH, SR	RE EXPLORATION	Dr Baiju Dr Sudip	Monsy Sumayya	Baby Rx, HC(I),Individual lines	2.3	0.15	245	100
50	Dharun A 304005	SAVSD,OSASD,NO PAH,MILD AR	VSD CLOSURE	Dr Sudip Dr Neeraj	Thaslim Sumayya	Capiox 10R,PCP 2 PBCDS	19	0.79	134	87

51	Anusiya U 297741	TA,TGA,P/PA BAND +PDA INTERRUPTION (09),SR	BDG(RE STERNOTOMY)	Dr Baiju Dr Sudip	Monsy Sumayya	Capiox 10R,ICP	13	0.60	54	-
52	Anjana B S 345194	OSASD,MILD PAH GDLV,SR	ASD CLOSURE	Dr Sudip Dr Mahendra	Monsy Sumayya	Dideco 902,ICP PBCDS	13	0.63	48	27
53	Karthik Manoj 377726	OSASD,TRIVIAL PS GDLV,SR	ASD CLOSURE	Dr Sudip Dr Neeraj	Thaslim Sumayya	Dideco 902,ICP PBCDS	13.5	0.60	60	32
54	Abhin A Shan 399003	SAVSD,TRIVIAL AR GDLV,SR	VSD CLOSURE	Dr Sudip Dr Neeraj	Thaslim Sumayya	Dideco 902,ICP PBCDS,HC(I)	15	0.65	162	115
55	Adwaith P D 376980	SAVSD,PAPVC NO PAH,GDLV,SR	ASD CLOSURE+ PAPVC REROUTING	Dr Sudip Dr Neeraj	Monsy Sumayya	Dideco 902,ICP PBCDS	15	0.65	120	49
56	Muhammed Saied S 404053	CHD,SS,BALANCED AVCD,PDA,SEVERE PAH,DOWN'S SYNDROME	AVCD REPAIR	Dr Baiju Dr Yadhav	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(I)	6.5	0.35	133	98
57	Sarojini Amma K 28063	RHD,SEV MR,MOD AS MOD MS,MOD SEV PAH,GDLV,SR	DVR	Dr Varghese Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	53	1.48	182	124
58	Nagappan S (Dr) 355988	CAD,TVD,GDLV,SR HTN,DLP,OSA PSORIASIS	CABG	Dr Jayakumar Dr Varghese	Sujith Sumayya	Affinity,ACP,ALF Bpx80	73	1.86	69	31
59	Yesodharan G 405996	CAD,TVD,GDLV,SR HTN	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	74	1.86	116	70
60	Unnikrishnan Nair 416321	CAD,LMCA (LM ANEURYSM) TVD,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF BCDS	75	1.61	83	39V

61	Dakshith R P 366504	S/P PALLIATIVE ASO + ARCH REPAIR FOR CCHD ,DILV,DTGA, HYPOPLASTIC ARCH COA PRESENTING WITH SEVERE PS	REDO STERNOTOMY + BDG	Dr Baiju Dr Sudip	Shanu Sumayya	Capiox 10R,ICP	11.5	0.53	46	-
62	Saraswathy C 401358	CAD,TVD,GDLV,SR HTN,COPD,CERVICAL SPONDYLOSIS	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Dideco 905,PCP 1 ALF	49.5	1.43	78	36
63	Deepa A 390794	RHD,SEV AR,MILD AS GDBV FUNCTION NC,SR	AVR	Dr Varghese Dr Abhay	Revathy Sumayya	Affinity,ACP,ALF BCDS	94	2.05	114	80
64	James Joseph K K 406954	OSASD,MOD PAH,NC GDLV,SR	ASD CLOSURE	Dr Bineesh Dr Abhay	Revathy Sumayya	Affinity,ACP	67.5	1.77	50	34
65	Salim A 408901	CAD,LMCA,TVD ,SR GDLV,DM,DLP,HTM OLD CVA	CABG	Dr Jayakumar Dr Varghese	Sujith Sumayya	Affinity,ACP,ALF	56.5	1.57	152	62
66	Kunjujamma Varghese 259440	CAD,TVD,P/CABG LV APEX ANEURYSM MOD AR,REC.ACSVSR	REDO VSD CLOSURE+CABG	Dr Jayakumar Dr Vivek	Lakshmi Sumayya	Affinity,ACP,ALF HC(A)	56	1.57	187	-
67	Phelixon CJ 415114	CAD,TVD,NSTEMI P/PCI-LAD, GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion, ACP,ALF	87	2.07	122	59
68	Saleena M S 395167	BAV SEV.AS,MOD.AR GDLV,NC,SR HYPOTHRODISM	AVR+ AORTOPLASTY	Dr Bineesh Dr Sourab	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	67.8	1.73	86	60
69	Xavier Antony 369818	CAD, TVD,TVD GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity,ACP,ALF	66.5	1.65	83	46
70	Raju C V 413958	CAD,TVD , REC.MI P/TLT VT SR,GDLV DM,HTM,COPD	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Affinity Fusion, ACP,ALF	53	1.52	85	40

71	Raj Kumar Moses M 413704	OSASD,TRIVIAL PS MILD PAH,GDLV,SR	ASD CLOSURE	Dr Bineesh Dr Chirag	Revathy Sumayya	Affinity,ACP	69.8	1.81	54	35
72	Kadeeja M 412410	SVASD,PAPV RUPV TO SVC RA JUNC SEV PAH GDLV,SR	ASD CLOSURE+ PAPVC REROUTING	Dr Bineesh Dr Abhay	Revathy Sumayya	Affinity,ACP	72.8	1.79	110	76
73	Vasudevan V 414707	CAD, TVD,CSA,COPD GDLV	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	48	1.43	100	62
74	Sidharthan S 416247	CAD,TVD ,SR REC NSTEMI,MIL- MOD MR,MOD LVD	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF Bpx80	51	1.47	93	48
75	Thulaseedharan M 402652	CAD, TVD,CSA,GDLV DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity,ACP,ALF Bpx80	70.3	1.79	102	51
76	Daisy Joy 412420	BAV,SEV AS,GDLV SR,NC	AVR	Dr Varghese Dr Sourab	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	63.5	1.65	101	56
77	Suresh N 8602854	RHD,SEV MS,P/CMV SEV RE MS,TRIVIAL MR,MILD MOD TR LA CLOT	MVR+LA CLOT REMOVAL	Dr Bineesh Dr Chirag	Sujith Sumayya	Affinity,ACP,ALF BCDS	64	1.72	116	64
78	Saji Kumar T K 413598	CAD,TVD,ISCHEMIC DCM,SEV MR,SR	MVR+CABG	Dr Varghese Dr Chirag	Don Sumayya	Affinity,ACP,ALF BCDS,HC(A)	59	1.67	184	118
79	Abdul Khader N 403544	SPVSD,RSOV FROM RCC,MILD AR GDLV,SR	VSD CLOSURE	Dr Vivek Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	53.5	1.61	141	109
80	Sherly Raju 371307	OSASD,GDLV,SR,NC	ASD CLOSURE	Dr Vivek Dr Vijay	Revathy Sumayya	Affinity,ACP	61	1.63	70	33
81	Pookunju E 401982	CAD,DVD,IWMI,GDLV SR,RCVA,HTN,DLP EX.SMOKER	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	69	1.65	116	63

82	Madhavan Nair V 410994	CAL.SEV AS,MOD.AR,NC,SR	AVR	Dr Bineesh Dr Vijay	Lakshmi Sumayya	Dideco 905,ACP ALF,BCDS	40	1.28	69	78
83	Francis T I 415262	CAD, TVD,REC.ACS GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity,ACP,ALF Bpx80	61.2	1.67	91	62
84	BABU PON SINGH J 415620	CAD,TVD, NSTEMI GDLV,SR,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	79.7	1.97	118	50
85	Ani J A 398905	BAV,SEV AR,MILD AS P/COA STENTING GDLV,IAVB,SR	AVR	Dr Bineesh Dr Mahendra	Revathy Sumayya	Affinity,ACP,ALF BCDS	51	1.59	81	52
86	Pappachan T 403388	CAD,TVD,OLD IWMI REC.ACS,MILD LV DYSFUNC,SR,DM	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ACP,ALF Bpx80	59	1.69	78	33
87	Sushama K 415135	CAD,TVD, ACS,UA GDLV,SR,DM	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ACP,ALF Bpx80	54	1.52	105	45
88	Geetha Kumari K 415916	CAD, LMCA,TVD, CSA GDLV,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Quadrox-I, ACP ALF,Bpx80	44	1.31	95	44
89	Kavialagam M 416917	ACHD,OSASD,MILD PAH,GDLV,SR	ASD CLOSURE	Dr Bineesh Dr Mahendra	Revathy Sumayya	D.905, ACP,ALF	39.5	1.30	63	41
90	Anjitha Dipu 334209	ACHD,OSASD GDLV,SR	ASD CLOSURE	Dr Yadav Dr Chirag	Shanu Sumayya	Baby Rx,ICP PBCDS	9.3	0.41	105	18
91	Abel Johnson 390890	ACHD,SVASD,PAPVC B/L SVC,NO PAH GDLV,SR	ASD CLOSURE+ PAPVC REROUTING	Dr Sudip Dr Debabrith	Monsy Sumayya	Capiox10R, ICP PBCDS	17	0.72	73	43
92	Sivadasan K 271013	CAD,TVD,OLD AWMI 07,REC.ACS UA14 MOD LVD,DM,POVD	CABG	Dr Varghese Dr Sourab	Don Sumayya	Affinity,ACP,ALF BCDS	74	1.84	177	96

93	Shylaja M 414764	RHD,SEV MS,MILD TR MILD MR,SR,DM,HTN DLP	MVR	Dr Bineesh Dr Mahendra	Revathy Sumayya	Affinity,ACP,ALF BCDS	47.3	1.39	67	45
94	Jalaludheen A 416242	CAD,TVD,REC.AWMI MIL-MOD LVD,DM PVD	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	D.905, ACP,ALF BCDS	57	1.59	117	50
95	Usha M 260760	RHD,BAV,SEV AR MOD-SEV AS,MOD- SEV MS,MILD MR MI-MO PAH,GDLV	DVR	Dr Varghese Dr Sourab	Don Sumayya	D.905, ACP,ALF BCDS	36	1.21	154	106
96	Thankachan O 413828	CAD,ACS(01/15),LVF TVD,MOD LVD,CONT HF,SR	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF BCDS	58	1.65	112	51
97	Sabu K G	CAD,OLD IWMI,LMCA TVD,FAIR LV,HTN DM,DLP	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ACP,ALF Bpx80	74	1.83	89	35
98	Anthony Muthu M	CAD,TVD,OLD IWMI &AWMI98,MILD MR FAIR LV,PAROX AF 1 DEG AV BLO	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	63.5	1.66	71	38
99	Vijayamma K 8903033	RHD,P/CMV89,SEV REMS,MOD MR,MILD MOD PAH,GDLV,AF WITH CVR,NC	MVR	Dr Bineesh Dr Sourab	Revathy Sumayya	Affinity,ACP,ALF BCDS	45.5	1.43	103	48
100	Raveendran K 306995	CAD,LMCA,TVD P/PCI,RCA(10),GDLV SR,DM	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF Bpx80	64.4	1.74	95	40
101	Kesavan Potti M 408238	MVP(FLAIL AML),SEV MR,MILD PAH,GDLV NC,SR	MV REPAIR	Dr Varghese Dr Mahendra	Lakshmi Sumayya	Affinity,ACP	71.3	1.85	130	89
102	Vijaya Kumar M 415940	CAD,CSA,TVD,MIL LVD,DM,DLP,SR	CABG	Dr Jayakumar Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF Bpx80	62.5	1.68	92	40

103	Sivaprasad J 273013	CAD,TVD, IWMI+LVF 07, GDLV,SR DM,DLP,HTN HYPOTHYROIDISM	CABG	Dr Vivek Dr Vijay	Revathy Sumayya	Affinity,ACP,ALF BCDS	83	1.98	102	60
104	Sanal Kumar B 372157	CAD,SVD,CSA,MVP SEV MR,MILD PAH GDLV,SR	CABG+MVR	Dr Varghese Dr Sourab	Don Sumayya	Affinity,ACP,ALF BCDS	51	1.56	132	74
105	Kumaran P P 417651	CAD,CSA,TVD,GDLV SR, DM,DLP	CABG	Dr Jayakumar Dr Vijay	Don Sumayya	Affinity,ACP,ALF Bpx80	84	1.80	124	68
106	Rema S 408108	RHD,SEV MS,MOD MR,SEV PAH,GDLV,SR	MVR	Dr Varghese Dr Neeraj	Revathy Sumayya	Affinity,ACP,ALF BCDS	46.5	1.34	82	53
107	Balakrishnan Nair M P 415244	CAD,CSA,TVD ,GDLV SR,HTN	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ACP,ALF Bpx80	60	1.63	98	39
108	Bindhu G S 406786	CAD,CSA,DVD ,GDLV SR,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity,ACP,ALF Bpx80	58	1.60	73	33
109	Usman P K 8903646	RHD,MOD-SEV CAL MS,MILD-MOD AR P/CMV CONTROLLED HF,AF-CVR	MVR	Dr Bineesh Dr Sourab	Revathy Sumayya	Affinity,ACP,ALF BCDS	54	1.62	105	70
110	Risana C 333519	RHD,SEV AS,MOD AR MOD MR,MILD MS,GDLV,SR	AVR+MVR	Dr Varghese Dr Sourab	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	42.5	1.35	218	125
111	Jagadeeshan Chettiar P 413966	CAD,TVD,REC.ACS NSTEMI,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF Bpx80	63.5	1.70	106	45
112	Sasidharan Nair G 416682	CAD,CSA,DVD ,GDLV SR,OLD CVA	CABG	Dr Jayakumar Dr Varghese	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	72.3	1.82	92	38

113	Lissie Zachariah 8806467	RHD,P/CMV,SEV REMS,MOD MR,SR GDLV,MOD PAH	MVR	Dr Bineesh Dr Neeraj	Revathy Sumayya	Affinity,ACP,ALF BCDS	52.5	1.52	83	65
114	B/O Salma Ashraf 405689	PA,PDA,VSD,PDA DEP CIR,MILD LPA STENO S/P RMBTS,LPA CON PLASTY	BDG	Dr Baiju Dr Simon	Thaslim Sumayya	Baby Rx,NCP	5.3	0.30	144	-
115	Sugathan M N 410873	CAD,TVD ,CSA,GDLV SR,HTN,BA	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF Bpx80	46	1.42	109	46
116	Sajana J S 418106	MVP,SEV MR,GDLV SR	MV REPAIR	Dr Varghese Dr Sourab	Revathy Sumayya	Affinity,ACP,ALF BCDS	49	1.43	129	83
117	Abraham Ponpandy 348907	CAD,SEV AS,MILD AR MILD LVD,SR	AVR+CABG	Dr Varghese Dr Sourab	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	79	1.98	170	126
118	Anil Kumar B 417704	CAD,TVD,NSTEMI OLD IWMI,MOD MR SR,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity Fusion ACP,ALF,Bpx80	55	1.57	179	57
119	Sreekumar E 408574	RHD,SEV MS,MOD AR GDLV,NC,AF	MVR	Dr Vivek Dr Neeraj	Don Sumayya	Affinity Fusion ACP,ALF,BCDS	52	1.55	54	36
120	Vijayan P 415748	CAD,TVD,OLD IWMI P/PCI,SEV LVD,SEV AS,MOD AR,MOD MR SEV PAH	AVR+CABG	Dr Varghese Dr Sourab	Don Sumayya	Affinity Fusion ACP,ALF,BCDS	58	1.57	265	143
121	Janardhanan C.G 406490	CAD,TVD,OLD IWMI SEV LVD,MILD MR P/AICD SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity Fusion ACP,ALF,Bpx80	65	1.67	110	49

122	Antony Thomas 417074	RHD,SEV AS,MOD SEV AR,MILD MR GDLV,SR	AVR	Dr Bineesh Dr Nikhil	Don Sumayya	Affinity Fusion ACP,ALF,BCDS	76.3	1.91	90	61
123	Chrispin Devaraj J 8607503	CAD,TVD,NSTEMI P/PCI,GDLV,SR,DM HTN,BA	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF Bpx80	71.5	1.81	121	64
124	Saraswathyamma D 415913	CAD,OLD IWMI, MILD LVD, SR,DLP,HTN	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity Fusion ACP,ALF,Bpx80	62	1.51	97	47
125	Thangam P 416212	OSASD,MOD VALVULAR PS,NOPAH GDLV,SR	ASD CLOSURE	Dr Bineesh Dr Sourab	Revathy Sumayya	Affinity Fusion ACP,ALF	47	1.42	54	27
126	Jaya O 403087	CALCIFIC SEV AS, MILD MOD AR,CONC LVH,GDLV,NC,SR,OLD CVA 15	AVR	Dr Varghese Dr Chirag	Shanu Sumayya	Affinity ,ACP,ALF BCDS	79.6	1.83	86	57
127	Valaguru Samy J 404903	SEV CALCIFIC AS, MILD PAH,CAD,DVD GDLV,SR,DM	AVR+CABG	Dr Varghese Dr Vijay	Shanu Sumayya	Affinity ,ACP,ALF BCDS	58	1.60	156	110
128	Santhamma Shaji 416765	CAD,TVD,REC NSTEMI07/16, GDLV SR,DM	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Affinity Fusion ACP,ALF,Bpx80	74	1.74	116	43
129	Prakash Joseph 416385	CAD,TVD, NSTEMI 05/16, GDLV,SR,DM	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ACP,ALF,Bpx80	55	1.58	136	56
130	Madana Mohan N 413543	CAD,TVD,RECENT ACS(UA-4/16) ,GDLV SR,DM,HYPOTHY	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion ACP,ALF,Bpx80	60	1.67	105	48
131	Thomas Kutty P.T 235265	RHD,SEV CALC MS MIL-MOD MR,GDLV	MVR	Dr Bineesh Dr Neeraj	Revathy Sumayya	Affinity Fusion ACP,ALF	56.5	1.63	84	66

132	Sulfikkar A 411235	CAD,TVD,ACS,IWMI (STK3/16),GDLV SR,DLP	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity Fusion ACP,ALF,Bpx80	60.5	1.60	90	43
133	Nagarajan A 411565	CAD,CSA,LMCA,TVD GDLV,SR,DM	CABG	Dr Jayakumar Dr Varghese	Lakshmi Sumayya	Affinity Fusion ACP,ALF,Bpx80	67	1.73	82	42
134	Suresh N 286451	CAD,TVD,P/PCI,RCA 08,NSTEMI 15,GDLV MILD MR,SR,DM,HTN DLP	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ACP,ALF,Bpx80	71	1.80	140	61
135	Vasanthakumari P 418888	LA MYXOMA,LV INFLOW OBSTRUCTION,MOD PAH,GDLV,NC,SR	MYXOMA EXCISION	Dr Varghese Dr Chirag	Shanu Sumayya	Affinity Fusion ACP,ALF,BCDS	50	1.49	66	38
136	Sudhakaran Nair S 9901180	CAD,TVD,GDLV,SR DLP,B/L POVD	CABG	Dr Jayakumar Dr Bineesh	Lakshmi Sumayya	Affinity Fusion ACP,ALF,Bpx80	78	1.87	115	49
137	Krishnamma R 366525	RHD,MOD-SEV MS MOD MR,MOD PAH GDLV,AF,CVR,NC B.ASTHMA	MVR	Dr Bineesh Dr Neeraj	Lakshmi Sumayya	Affinity ,ACP,ALF BCDS	50	1.42	57	33
138	Lilly Kutty A 407641	CAD,CSA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion ACP,ALF,Bpx80	46.5	1.34	103	46
139	Mohan L 410783	CAD,TVD,AWMI 02/16,SEV LVD, SR,DM	CABG	Dr Jayakumar Dr Varghese	Lakshmi Sumayya	Affinity Fusion ACP,ALF,Bpx80	65.5	1.73	124	54
140	Farhana Nizar 393842	ACHD,SV ASD,PAPVC OF RUPV,GDLV,SR	ASD CLOSURE+ PAPVC REROUTING	Dr Sudip Dr Sourab	Thaslim Sumayya	Capiox 10R,PCP 2 PBCDS	18.2	0.75	87	44

141	Niveditha A 411291	ACHD,SV ASD,SMALL PDA,SEV PAH,GDLV SR,DOWNNS	VSD CLOSURE	Dr Baiju Dr Yadav	Monsy Sumayya	D902,ICP,PBCDS HC(I)	16.6	0.70	77	45
142	Sreebala B 419642	CCHD,DORV VSD PS,SR	BDG	Dr Baiju Dr Sourab	Monsy Sumayya	Baby Rx,Individual Lines	4	1.20	101	-
143	Akhil Krishnan R 380773	ACHD,MUL.ASD,NO PAH,GDLV,SR	ASD CLOSURE	Dr Yadav Dr Abhay	Lakshmi Sumayya	D905,PCP 1, PBCDS	33	1.20	89	62
144	Mohammed Yaseen 418209	CCHD,TOF,CONF.PA B/L SVC,GDLV,SR SPELLS+	ICR	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx, ICP PBCDS,HC(I)	6.9	0.35	139	96
145	B/O Sunitha 418403	MIXED UNOBS. TAPVC,SEV PAH GDLV,SR	TAPVC REPAIR	Dr Baiju Dr Sourab	Monsy Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	4	0.26	82	50
146	Daksha R 400010	PA VSD, DISCONNECTED PA PDA&MAPCA DEP. PUL.CIRCULATION	UNIFOCA- LISATION+ICR	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx, ICP PBCDS,HC(I)	6.8	0.35	272	137
147	B/O Soniya 418760	DTGA,IVS,P/BAS PRES.LV,SR	ASO	Dr Baiju Dr Sudip	Monsy Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	3.5	0.21	213	121
148	Amritha Raj M 418633	CCHD,SS,LC,SCTAPVC ASD,SEV PAH,L ARCH NO COA,SR	TAPVC REPAIR	Dr Baiju Dr Abhay	Monsy Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	3.2	0.21	124	53
149	Muhammed Nihal C 397895	ACHD,SA VSD,MILD PS,GDLV,SR	VSD CLOSURE	Dr Sudip Dr Nikhil	Sujith Sumayya	Baby Rx, ICP PBCDS,HC(I)	6.5	0.35	141	112
150	Avanthika G.I 410585	ACHD,OSASD,NO PAH,GDLV,SR	ASD CLOSURE	Dr Sudip Dr Abhay	Sujith Sumayya	Capiox 10R, ICP PBCDS	10.6	0.56	72	42

151	Nirenj A 407158	ACHD,ALCAPA,GDLV SR	LCA TRANS- LOCATION	Dr Baiju Dr Sudip	Monsy Sumayya	D905,PCP 1, PBCDS	27.4	1.03	190	89
152	B/O Ajmina 418176	DORV PA,VSD	BT SHUNT	Dr Baiju Dr Sourab	Sujith Sumayya	Baby Rx, Individual Lines	3.1	0.19	110	-
153	Muhammed Musthafa 392947	ACHD,SV ASD,PAPVC NO PAH,GDLV,SR	ASD CLOSURE+ REROUTING OF PAPVC	Dr Sudip Dr Mahendra	Shanu Sumayya	Capiox 10R, ICP PBCDS	12.3	0.58	73	34
154	Aswin U 374951	OSASD,NO PAH,GDLV SR	ASD CLOSURE	Dr Sudip Dr Abhay	Monsy Sumayya	D905,PCP 1, PBCDS	21.8	0.87	44	14
155	Aaradhika R C 378955	SA VSD,HYPER KINETIC PAH,PAPVC GDLV,SR	VSD CLOSURE+ REROUTING OF PAPVC	Dr Baiju Dr Yadav	Sujith Sumayya	Capiox 10R, ICP PBCDS	10	0.48	111	79
156	Lekshmi R 408721	SEV CAL AS,MILD AR SEV LVD,SVT,NC	AVR	Dr Vivek Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS,HC	60	1.38	96	75
157	Aijas M 413212	TAUSSING BING MALFORM.AO ARCH HYPOPLASIA,GDLV	ASO+VSD CLOSURE	Dr Baiju Dr Sudip	Monsy Sumayya	Baby Rx, ICP PBCDS,HC(I)	5	0.29	327	182
158	Muhammed Dhanish O 419092	ACHD,SV ASD,PAPVC NO PAH,GDLV,SR	VSD CLOSURE+ REROUTING OF PAPVC	Dr Sudip Dr Abhay	Monsy Sumayya	Capiox 10R, ICP PBCDS	27.1	0.98	86	40
159	Abdul Vahid K 419695	SEV CAL AS,MILD AR GDLV,MILD CAD,SR	AVR	Dr Bineesh Dr Simon	Revathy Sumayya	Affinity,ACP,ALF BCDS,HC	52.5	1.55	65	49
160	Subash G 418952	CAD,TVD,GDLV,P/PCI -LAD 05,OLD MI,DLP	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ACP,ALF,Bpx80	78.5	1.89	70	35
161	Anjana V 189289	RHD,SEV REMS,S/PB MV,LA CLOT,GDLV,SR	MVR	Dr Bineesh Dr Neeraj	Revathy Sumayya	Affinity,ACP,ALF BCDS	63	1.62	56	41
162	Sadanandan K V 420363	CAD,LMCA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity Fusion ALF,Bpx80 Individual Lines	63	1.73	91	42

163	Sherif Thangal K 421172	CAD,TVD,GDLV SR,DM	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity Fusion ALF,Bpx80 Individual Lines	91	2.07	93	47
164	Riju George 251850	RHD,MOD SEV MS MOD SEV MR,GDLV MILD PAH,SR	MVR	Dr Bineesh Dr Neeraj	Sujith Sumayya	Affinity,ACP,ALF BCDS	86.5	2.07	69	48
165	Vinayan V S 421784	CAD,TVD,GDLV SR,DLP	CABG	Dr Vivek Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	65.6	1.80	79	48
166	Haris E 414481	CAD,TVD,GDLV MOD SEV LVD,SR	CABG	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	74.5	1.84	130	76
167	Ameer M 420713	SEV CALCIFIC AS, MILD AR,GDLV,SR MILD CAD	AVR	Dr Varghese Dr Neeraj	Sujith Sumayya	Affinity,ACP,ALF BCDS	84	1.95	118	70
168	Abdul Salim P M 414621	RHD, SEV MS,MOD MR, MILD LVD,AF	MVR	Dr Bineesh Dr Neeraj	Shanu Sumayya	Affinity,ACP,ALF BCDS	61.5	1.77	63	39
169	Jayalatha P S 422238	CAD,LMCA,TVD,GDLV SR,DM	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	60	1.59	109	54
170	Piyas A P 416841	MVP,SEV MR,GDLV HT,SR	MV REPAIR	Dr Varghese Dr Neeraj	Don Sumayya	Affinity,ACP,ALF BCDS	74	1.88	114	60
171	Saji Devassy 419660	RHD,SEV MS,SEV AR GDLV,SR	AVR+MVR	Dr Varghese Dr Vijay	Don Sumayya	Affinity,ACP,ALF BCDS	61.5	1.72	144	60
172	Yohannan Pappy 421374	CAD,DVD,MOD LVD SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity Fusion ALF,Bpx80,I.L	66	1.74	98	42
173	Fathima M 396309	OSASD,NO PAH,GDLV SR,BA+	ASD CLOSURE	Dr Bineesh Dr Abhay	Revathy Sumayya	Affinity,Individual Lines	51.5	1.52	25	11
174	Davidson S 414808	CAD,TVD,GDLV,DM SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion ALF,Bpx80,I.L	83.5	1.96	103	51

175	Sinimol T R 385546	RHD,SEV RE MS,S/P CMV,MOD MR,MOD PAH,MILD TR	MVR	Dr Bineesh Dr Chirag	Don Sumayya	Affinity,ALF,BCDS Individual Lines	57.5	1.54	71	45
176	Bahulayan K 420652	CAD,TVD,MOD LVD MILD MR,SR,OLD CVA,DM,HTN	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	68	1.75	126	60
177	Nadarajan K 337168	SEV AS,MINOR CAD GDLV,SR	AVR	Dr Bineesh Dr Abhay	Lakshmi Sumayya	Affinity,ACP,ALF BCDS	55.5	1.54	65	49
178	Deepa Palaniammal P 358694	MVP,SEV MR,GDLV MILD PAH,SR	MV REPAIR	Dr Varghese Dr Chirag	Sujith Sumayya	Affinity,ACP,ALF BCDS	73	1.75	88	63
179	Shabu Egeerious 421816	CAD,TVD,AWMI 10/16 LYSED,MILD LVD SR	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	74.5	1.85	131	53
180	David Raj M 384218	BAV,SEV AS,SEV AR DIL ASC AO,GDLV,SR	BENTALL	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ACP,ALF	69.5	1.78	108	75
181	Sasi N 421150	CAD,CSA,TVD,GDLV SR,DLP,HTN	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	55.5	1.58	119	50
182	Divakaran Nair G 422259	CAD,CSA,LMCA,TVD IWMI 93,GDLV,SR P/TURP 2011, DLP,HTN	CABG	Dr Jayakumar Dr Varghese	Sujith Sumayya	Affinity Fusion ALF,Bpx80,I.L	72	1.80	87	44
183	Gopalakrishnan S 416845	CAD,TVD,DCM,SEV LVD,MOD PAH,CONT HF,SR	CABG	Dr Jayakumar Dr Varghese	Sujith Sumayya	Affinity Fusion ALF,Bpx80,I.L	82.8	1.93	117	55
184	Aneesha P A 229678	RHD,P/MVR,PVE CVA SEV PARAVAL.MR, SEV AR,FAIR LV,SR	DVR	Dr Varghese Dr Mahendra	Shanu Sumayya	Affinity,ACP,ALF BCDS	62	1.67	322	195
185	Adisree V Kumar 423435	OBSTRUCTED SC TAPVC,SEV PAH,MOD RV DYSFN,NC,SR	TAPVC REPAIR	Dr Baiju Dr Sudip	Don Sumayya	Baby Rx, ICP PBCDS,HC(I)	4.25	0.25	105	45

186	Najeeb P P 9001424	CAD,TVD,RHD, P/OMV,RE SEV MS MOD AR,SEV LVD,AF WITH CVR	MVR+CABG	Dr Varghese Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	61.5	1.68	222	113
187	Sreeja K V 413635	RHD,SEV AR,MOD MR,GDLV,SR	AVR+MV REPAIR	Dr Varghese Dr Nikhil	Don Sumayya	Affinity,ACP,ALF BCDS	78.5	1.89	162	106
188	Lekhmi Kutty P 420760	SEV CALCIFIC AS, MILD AR,CAD,DVD GDLV,SR	AVR+CABG	Dr Varghese Dr Abhay	Don Sumayya	Affinity,ACP,ALF BCDS	45.3	1.37	165	99
189	Anzer S 423004	CAD,TVD,GDLV SR,DLP,DM	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity, ALF Bpx80,I.L	86	2.06	94	42
190	Kunhimoideen 419800	CAD,CSA,LMCA,TVD, GDLV,SR,DLP,DM	CABG	Dr Varghese Dr Vijay	Sujith Sumayya	Affinity,ACP,ALF BCDS	65	1.68	100	50
191	Sherly S 214523	RHD,SEV RE MS,MOD TR,ASD,MOD PAH AF,P/BMV 07/16,NC	MVR+PFO CLOSURE	Dr Bineesh Dr Mahendra	Shanu Sumayya	Affinity,ACP,ALF BCDS	46	1.37	92	47
192	Gopinathan Pillai T G 419525	CAD,TVD,MOD AS MILD MS ,GDLV SR,DLP,DM,HTN	AVR+CABG	Dr Varghese Dr Vijay	Revathy Sumayya	Affinity,ACP,ALF BCDS	41.5	1.34	92	52
193	Minhaj P 422904	OSASD,NO PAH,GDLV,SR	ASD CLOSURE	Dr Vivek Dr Nikhil	Revathy Sumayya	Affinity,ACP,ALF	47	1.44	60	29
194	Jacob P C 415122	CAD, CSA,TVD,GDLV SR	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	54	1.55	83	52
195	Bhasi Balan N 422142	CAD,NSTEMI(10/10/1 6),GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity, ALF Bpx80,I.L	64.5	1.69	88	42
196	Ramankutty P P 422765	CAD,TVD,RECENT AWMI,CCF,MOD LVD SR,DM	CABG	Dr Vivek Dr Vijay	Revathy Sumayya	Affinity,ACP,ALF BCDS	46	1.37	96	47
197	Babu K 421326	CAD,OLD AWMI,TVD GDLV,SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity Fusion ALF,Bpx80,I.L	80	1.88	125	68

198	Varadarajan Nair 423311	CAD, CSA,TVD,GDLV SR,DM,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	72	1.80	100	34
199	Abdul Latheef 397293	CAD,CSA,TVD,UA15/ 10/16,GDLV,SR,DM HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	64	1.68	149	53
200	Sekharan Nair A 417271	CAD,TVD,NSTEMI(07/ 16),GDLV,SR,HTN	CABG	Dr Vivek Dr Vijay	Revathy Sumayya	Affinity,ACP,ALF BCDS	86	1.94	82	48
201	Hariharan Nair K 421824	CAD,TVD,NSTEMI(10/ 16),GDLV,SR,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity Fusion ALF,Bpx80,I.L	67	1.76	128	61
202	Sasidharan Nair A 413734	BAV,SEV AR,MILD AS MILD AS,DIL.AO GDLV,AVB,NC	BENTALL	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity,ACP,ALF HC(A)	52	1.56	109	78
203	Kunhambi P 419948	SEV CAL AS,MILD AR GDLV,SR,DM,MILD CAD	AVR	Dr Varghese Dr Mahendra	Shanu Sumayya	Affinity,ACP,ALF BCDS	48.5	1.46	95	62
204	Vijayakumar P K 422448	CAD,DVD,CSA GDLV,SR	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	76	1.90	110	42
205	Krishnan Nair C 342881	SEV CAL AS,MILD MR SEV LVD,SR,DM, NC,CKD	AVR	Dr Vivek Dr Vijay	Shanu Sumayya	Affinity,ACP,ALF BCDS,HC(P)	54	1.61	109	75
206	Vijayan Pillai S 417201	CAD,TVD,CSA GDLV,SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Affinity Fusion ALF,Bpx80,I.L	81	1.93	73	39
207	Mani K 420537	CAD,TVD,REC ACS, MILD MR,GDLV, SR,DM	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity Fusion ALF,Bpx80,I.L	68.5	1.75	112	38
208	Purushothaman Nair N 418792	SEV CAL AS,MILD AR GDLV,SR	AVR	Dr Varghese Dr Nikhil	Sujith Sumayya	Affinity,ACP,ALF BCDS	67.5	1.76	90	60
209	Radhakrishnan T K 422591	CAD,DVD,CSA GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion ALF,Bpx80,I.L	67.5	1.78	104	43

210	Arun M 406465	OS ASD,P/DEVICE EMBOLISATION	DEVICE RETRIVAL	Dr Vivek Dr Vijay	Don Sumayya	Affinity,ACP	51.2	1.58	47	29
211	Anil Kumar T 409089	OSASD,MVP,MOD MR,MILD PAH,GDLV PAROXY.AF HYPOTHYRIODISM	ASD CLOSURE+ MV REPAIR	Dr Varghese Dr Nikhil	Don Sumayya	Affinity,ACP,ALF BCDS	42	1.37	210	92
212	Mercy R 262566	OSASD,MILD PAH GDLV,SR	ASD CLOSURE	Dr Vivek Dr Vijay	Lakshmi Sumayya	Affinity,ACP	59.5	1.57	65	32
213	Sarada Devi M L 420427	SVASD,RUPV,B/L SVC MOD PAH,CAD,SVD GDLV,SR	CABG+ASD CLOSURE+PAPVC REROUTING	Dr Varghese Dr Mahendra	Sujith Sumayya	Affinity,ACP,ALF BCDS	54	1.51	205	117
214	Neelakanta Pillai S 421964	CAD,TVD,CSA GDLV,SR,HTN,DM	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion ALF,Bpx80,I.L	60.5	1.64	64	27
215	Kailas G 370212	ACHD,SA VSD,CRISS CROSS PA,SEV PAH GDLV,SR	VSD CLOSURE	Dr Baiju Dr Soumya	Monsy Sumayya	Capiox 10R,ICP PBCDS	10.9	0.51	93	69
216	Seethal B S 385220	ACHD,OSASD,MILD PAH,GDLV,SR,NC	ASD CLOSURE	Dr Sudip Dr Debabrith	Thaslim Sumayya	Capiox 10R,ICP PBCDS	17.1	0.72	45	27
217	Azwa Mundaseri 422236	UNOBST SC TAPVC OSASD,PDA,NO PAH GDLV,SR	TAPVC REPAIR	Dr Sabari Dr Debabrith	Shanu Sumayya	Baby Rx,ICP PBCDS,HC(I)	6.0	0.31	111	47
218	Shifna T K 383007	ACHD,OSASD,SEV VAL PS,GDLV,SR,NC	ASD CLOSURE +PUL VALVOTOMY	Dr Soumya Dr Abid	Shanu Sumayya	D902,ICP,PBCDS	14.6	0.45	73	33
219	Shafeea J S 389184	SAVSD,MOD AR,RCC PROLAPSE,NO PAH GDLV,SR	VSD CLOSURE+ AV REPAIR	Dr Sabari Dr Abid	Monsy Sumayya	Capiox 10R,PCP2 PBCDS	19.9	0.80	141	99
220	Ayan Sait F 392243	PINK TOF,GD CON PA VALVULAR PS,GDLV SR,NC	ICR	Dr Baiju Dr Yadav	Thaslim Sumayya	Capiox 10R,ICP PBCDS	9.7	0.47	80	59

221	Suni M B 419153	SEV AR,DIL LV,MILD MR,SR,NC	AVR	Dr Bineesh Dr Mahendra	Shanu Sumayya	Affinity,ACP,ALF BCDS	46	1.37	92	47
222	Amrith A 337261	ACHD,SV ASD,PAPVC OF RUPV,RMPV TO SVC RA JUNC,GDLV	ASD CLOSURE	Dr Yadav Dr Abid	Shanu Sumayya	D905,PCP 2 PBCDS	21.8	0.89	92	64
223	B/O Muthumari 423968	CCHD,CARDIAC TAPVC,ASD,SMALL PDA,SMALL VSA SEV PAH,GDLV,SR	TAPVC REPAIR	Dr Baiju Dr Neeraj	Monsy Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	2.78	0.19	150	67
224	Akhilesh A 420929	TOF,SEV VAL INF PS GD CON PA,GDLV,SR	ICR	Dr Sudip Dr Neeraj	Thaslim Sumayya	Capiox 10R,ICP PBCDS	10.3	0.49	164	136
225	AnnuMariaVarkeychan 295353	ACHD,SA VSD,BAV MILD AR,GDLV,SR SCOLIOSIS	VSD CLOSURE	Dr Baiju Dr Yadav	Monsy Sumayya	D905,PCP 1, PBCDS	34.2	1.21	88	62
226	B/O Raihanath 424597	INFRACARDIAC TAPVC,LARGE PDA SEVERE PAH,GDLV,SR	TAPVC REPAIR	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	2.9	0.19	106	61
227	Isa Mariya Teyo 422867	SS,CC TGA,LONG SEGMENT PA,P/PDA	BDG+PDA PLASTY+PDA STENT REMOVAL	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,ICP	5.2	0.29	105	-
228	Sajin S S 372517	TOF,GD PA,GDLV,SR,NC	ICR	Dr Sabari Dr Simon	Shanu Sumayya	Capiox 10R,ICP PBCDS,HC(I)	13.5	0.61	129	90
229	Abhinav V 405285	ACHD,PMVSD,MOD PAH,GDLV,SR, DOWNS,DIVERICATIO N OF RECTI	VSD CLOSURE	Dr Sudip Dr Debabrith	Monsy Sumayya	Capiox 10R,ICP PBCDS	13.6	0.60	173	84
230	Fathima RiyaP 424075	ACHD,LARGE VSD SEV PAH,SR,NC,GDLV	VSD CLOSURE	Dr Sabari Dr Debabrith	Don Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	3.5	0.26	50	32

231	B/O Arya 425003	BAV,CRITICAL AS,PDA DEP SYST CIRC,ARCH HYPOPLASIA,SR,MOD LVD	AORTIC VALVOTOMY	Dr Baiju Dr Sudip	Sujith Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	3.9	0.23	52	22
232	Anaswara A S 372021	TOF,P/BPV,P/RMBTS +PDA INTERUP,VAL PA,NARROWING BTS	REDO STERNOTOMY +ICR	Dr Sabari Dr Debabrith	Shanu Sumayya	Capiox 10R,ICP PBCDS,HC(I)	13.6	0.57	230	82
233	Aiza K 425235	SC TAPVC,RESTRIC ASD,SEV PAH,SR	TAPVC REPAIR	Dr Baiju Dr Sudip	Monsy Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	4.5	0.27	88	51
234	B/O Arya 425003	S/P AORTIC VALVOTOMY FOR CRITICAL AS,PDA DEP CIR,HYPO LV	ATRIAL SEPTECTOMY	Dr Baiju Dr Sudip	Don Sumayya	Baby Rx,PBCDS Individual Lines, HC (I)	3.9	0.23	79	21
235	Appukuttan G 412046	CAD,CSA,UA03/16 TVD,GDLV,SR,B/L PVOD,OLD PTB,HTN SMOKER	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ACP,ALF BCDS	54	1.5	129	-
236	Raghu K 417340	CAD,TVD,GDLV,SR DM,HTN,DLP,EX SMOKER	CABG	Dr Vivek Dr Nikhil	Lekshmi Sumayya	Affinity,ACP,ALF BCDS,Bpx80	60	1.61	109	52
237	Francis A 288044	CAD,TVD,AWMI 16/13,P/PCI-LAD9/13 MOD LVD,SR,DM,DLP HTN,SMOKER	CABG	Dr Vivek Dr Simon	Shanu Sumayya	Affinity,ACP,ALF BCDS	60	1.62	106	61
238	Sivadasan R 414888	CAD,TVD,CSA NSTEMI 12/16 UA 5/15,SR,DM,HTN	CABG+EVH	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion, ALF,Bpx80,I.L	68	1.71	107	43

239	Chandrika V 421377	SEV CAL AS,GDLV,SR NC,DM	AVR	Dr Bineesh Dr Mahendra	Lekshmi Sumayya	Affinity,ACP,ALF BCDS	69	1.70	75	56
240	Biju M 418247	CAD,NSTEMI(10/15) CSA,TVD,GDLV,SR DM	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ACP,ALF BCDS	74	1.83	153	77
241	Vasanth Kumari K 419363	CAD,TVD,REC ACS GDLV,SR,DM,CKD HTN,B/L PVOD	CABG+EVH	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity Fusion, ALF,Bpx80,I.L,HC	57	1.55	124	55
242	Kulathu Iyer S 423517	CAD,TVD,UA(11/16) GDLV,SR,DM,HTN OBESITY	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity Fusion, ALF,Bpx80,I.L	87	2.05	128	59
243	Kunhumon A 410869	CAD,LMCA,TVD,GDLV SR,DLP	CABG	Dr Vivek Dr Simon	Shanu Sumayya	Affinity,ACP,ALF BCDS	86	2.01	100	62
244	Mohan S 419857	CAD,TVD,GDLV,HTN SR,COPD,BPH	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity Fusion, ALF,Bpx80,I.L	63	1.71	116	57
245	Radhakrishnan N 422736	RHD,SEV AS,MOD MR MOD MS,MILD PAH SR,NC	DVR	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ACP,ALF BCDS	53	1.58	150	122
246	Rajan K G 405310	CAD,TVD,GDLV,SR OLD VCA,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity Fusion, ALF,Bpx80,I.L	63.5	1.68	100	45
247	Gopala Krishnan T 422225	CAD,TVD,UA(11/16) GDLV,SR,DM	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Quadrox i ,ACP ALF,BCDS	75	1.80	116	76
248	Sadasivan Nair R 214520	CAD,TVD,GDLV,SR DM,HTN,B/L VV	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity Fusion, ALF,Bpx80,I.L	65	1.74	87	48
249	Madhavan Achary.R 336101	RHD, SEC AR, GD LV, SR, DM, HTN, NC	AVR	Dr.Bineesh Dr.Simon	Revathy Sumayya	Affinity, ALF,ACP,BCDS	80	1.94	85	47
250	Arumugasamy 420387	CAD, TVD,MOD LVD, GD LV, HTN	CABG	Dr.Vivek Dr.Simon	Shanu Sumayya	Quadrox, ACP, ALF, BCDS	65	1.72	167	96
251	Srajudeen.A 420520	CAD, AWWMI, GD LV, SR, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Affinity, ACP, ALF, BCDS	67	1.73	61	11
252	Surendra Pal Singh 415102	CAD, DVDV, REC NSTEMI, MILD LVD	CABG	Dr.Jayakumar Dr. Vivek	Shanu Sumayya	Affinity, ACP, ALF, Bpx80	65	1.77	775	38

253	Vikraman 418419	SEV CAL AS, MOD AR, GD LV ,SR, NC, DLP	AVR	Dr.Bineesh Dr.Mahendra	Revathy Sumayya	Quadrox, ACP, ALP, BCDS, ACP	59.5	1.59	70	47
254	Pathammal.M 420439	CAD, LMCA, TVD, ACS, IWMI,FAIR LV	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Aff Fusion, ALF, BPx80, IL	69.5	1.69	54	27
255	Wilson George 425158	CAD, LMCA, TVD, P/PCI TO LAD, GD LV	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion, ALF, BPx80, IL	69.5	1.83	70	32
256	Satyavathi.N 411806	CAD, TVD, GD LV, SR, DM , HTN, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion, ALF, BPx80, IL	54.5	1.50	87	42
257	Ajayan.S 419672	CAD, TVD,REC NSTEMI, GD LV, SR	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion, ALF, BPx80, IL	80	1.90	122	65
256	Thankappan.P 421411	SEV CAL AS, MILD AR, MILD MR,GD LV,NC	AVR	Dr. Bineesh Dr.Nikhil	Revathy Sumayya	Quadrox,ACP,ALF, BCDS	70	1.83	83	60
257	Kalyani Kutty Amma 422144	SEV CAL AS, MOD LVD, MILD AR, SR, NC	AVR	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox,ACP,ALF, BCDS	60	1.54	92	66
258	Rajan.T.R 414371	CAD,TVD,CSA, OPASAD, MOD PAH, MILD MR, SR, DM	CABG + ASD CLOSURE	Dr.Vivek Dr.Simon	Don Sumayya	Quadrox,ACP,ALF	69	1.80	220	160
259	Kingsly.R 420306	CAD,TVD,REC ACS, AWMI, FAIR LV	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Aff Fusion,ALF, ACP,BPX80	96	2.18	120	60
260	Surialal.K 282959	CAD,TVD,NSTEMI,P/P CI TO LCX, GD LV,SR	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80	71	1.83	106	49
261	Rajan.A 342189	CAD,TVD,NSTEMI, P/PCI TO LAD,GD LV, SR	CABG	Dr.Vivek Dr.Simon	Don Sumayya	Affinity,ALF, ACP,BCDS	76	1.88	133	80
262	Maniyan Pillai.P 417608	CAD,TVD,CSA,MILD AR,GD LV,SMOKER	CABG + EVH	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	58	1.61	116	60
263	Muthu Kumar.M 421742	SEV AS, GD LV, SR, NC	AVR	Dr. Bineesh Dr.Nikhil	Revathy Sumayya	Quadrox, ACP, ALF, BCDS,	61.5	1.68	103	70
264	Varghese.F 421815	CAD,TVD, NSTEMI, SEV LVD, HBSAG +ve	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Aff Fusion,ALF, ACP	61	1.67	71	36

265	Shaju.J 420865	CAD,AWMI,TVD, SEV LVD,MILD MR, SR,HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	70	1.74	105	59
266	Mammi kutty 421258	CAD,STEMI,TVD,MOD TO SEV LVD,SR,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80,HC	66	1.72	99	48
267	Bhoomilingam 423671	SEV AS, GD LV, SR, NC	AVR	Dr. Bineesh Dr.Nikhil	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	71	1.80	65	53
268	Soosai Siluvai 419608	SEV AS,GD LV, SR, NC ,B/L PVOD	AVR	Dr. Bineesh Dr.Mahendra	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	70.5	1.84	166	112
269	Vijayan.V 422392	CAD,TVD,UA, GD LV, SR, SMOKER	CABG+EVH	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	71	1.84	91	51
270	Chandran Pillai.P 423850	MVP, SEV MR,MILD AR, MILD PAH,DVD, GD LV,SR	MV REPAIR+ CABG	Dr.Vivek Dr.Simon	Don Sumayya	Quadrox, ACP, ALF, BCDS	48.5	1.49	194	131
271	Sasi Kumar.V.T 266169	RHD, SEV MS,MILD MR, GD LV, LA CLOT, AF, NC	MVR+ LA CLOT REMOVAL	Dr. Bineesh Dr.Nikhil	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	60	1.74	83	65
272	Rajeshwari.J 414062	CAD,TVD,CSA, GD LV, SR, DM, HTN	CABG	Dr.Vivek Dr.Simon	Shanu Sumayya	Quadrox, ACP, ALF, BCDS	67	1.72	102	62
273	Nani.V 417442	CAD,LMCA,TVD, GD LV, MILD MR, SR, DM, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	52	1.42	85	40
274	Sugathan. C 425227	CAD,CSA, GD LV, SR, DM,NASH C POLYPS	CABG+EVH	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Aff Fusion,ALF, ACP,BPX80	63	1.66	82	42
275	Radha Krishnan.R 180973	CAD,TVD,OLD AWMI P/PTCA LAD,RCA	CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	71	1.76	92	54
276	Haridasan.P 421282	CAD,TVD,OLD AWMI,SEV LVD,SR,HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	61	1.59	119	61
277	Gopinathan.K.S 422720	CAD,TVD,CSA, GD LV,SR, B/L PVOD	CABG+EVH	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80	52.5	1.50	80	42

278	Thilakan.E.K 425050	SEV AS,MILD TO MOD AR,MOD LVD,MILD PE, NC,SR	AVR	Dr. Bineesh Dr.Mahendra	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	68	1.74	78	60
279	Radhakrishnan.K 410331	SEV AS, MINOR CAD, GD LV, SR	AVR	Dr.Vivek Dr.Nikhil	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	77	1.83	75	51
280	Kamalam.V 424816	CAD,TVD, REC AWTMI, MOD LV,SR	CABG	Dr.Jayakumar Dr.Varghese	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	43	1.32	119	48
281	Sreekumaran.B 418712	CAD,TVD,REC AWTMI, SEV LVD,SR,HTN,DLP	CABG	Dr.Vivek Dr.Nikhil	Shanu Sumayya	Quadrox, ACP, ALF, BCDS	62.5	1.68	125	66
282	Christudas.C 426311	CAD,TVD,USA,GD LV, SR, DM, HTN	CABG	Dr.Jayakumar Dr.Varghese	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	61	1.68	108	48
283	Ramachandran.P.C 426393	CAD,TVD,REC ACS,GD LV,SR, DM	CABG+EVH	Dr.Jayakumar Dr.Vivek	Lekshmi Sumayya	Aff Fusion,ALF, ACP,BPX80	87	1.96	123	69
284	Ajikumar.K 421546	CAD,TVD,REC IWMI, GD LV, SR,HTN	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80	68	1.77	146	56
285	Shyamala.P 421933	SV ASD, PAPVC, B/L SVS, MOD PAH, GDLV, NC, SR	ASD CLSR + REROUTING OF PAPVC	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	64.5	1.65	104	63
286	Joseph.P.L 425757	CAD,TVD,REC NSTEMI, MILD LVD,SR,DLP	CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	77	1.92	84	46
287	Premachandran.N 266792	TYPE A AORTIC DISSECTION WITH SEV AR, GD LV, SR	BENTALLS PROCEDURE	Dr.Vivek Dr.Bineesh	Don Sumayya	Quadrox, ACP, ALF, BCDS	75	1.85	135	89
288	Abdul Majeed 421492	RHD, SEV MS, MOD TO SEV AR,MILD MR	DVR	Dr.Varghese Dr.Debabrath	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	55.5	1.55	160	119
289	Anto.J 421747	CAD,TVD,REC ACS, GD LV,SR, SMOKER	CABG+EVH	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80	63	1.68	87	43
290	Alwar.V 427138	LA MYXOMA, MOD LVD AND RVD,MOD PAH,TR, AF	LA MYXOMA REMOVAL	Dr.Vivek Dr.Bineesh	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS, HC	78	1.91	78	43

291	Sasidharan.K 427161	ACUTE TYPE A AORTIC DISSECTION, SEV AR, GD LV, SR	BENTALLS PROCEDURE	Dr.Vivek Dr.Bineesh	Sujith Sumayya	Affinity,ALF, ACP,BCDS,HC	65	1.75	157	86
292	Raju achary.M.N 417795	RHD,SEV AR, SEV MS, MILD PAH,FAIR LV, AF	DVR	Dr.Varghese Dr.Mahndra	Revathy Sumayya	Quadrox, ACP, ALF, BCDS	71	1.78	171	132
293	Janardhanan Achary.N 420506	CAD,TVD,AW STEMI,MILD TO MOD LVD,DM, HTN	CABG	Dr.Jayakumar Dr.Varghese	Don Sumayya	Aff Fusion,ALF, ACP,BPX80	61.7	1.63	92	34
294	Abdul Khader.M.K 422407	CAD,TVD,REC ACS,GDLV, SR, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Aff Fusion,ALF, ACP,BPX80	65	1.67	145	53
295	Nizar.A 421789	CAD,TVD,CSA, GD LV, SR, SMOKER	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80	73.5	1.83	130	69
296	Somasundaran Nair.K 425420	RHD,SEV MR, MILD MS, CAD,DVD, REC ACS	MVR+ CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	72.5	1.85	125	92
297	Sivabalan.C.M 426455	CAD,LMCA,TVD,FAIR LV,SR,DM	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Sumayya	Quadrox, ALF, BPX80, IL	57	1.57	93	45
298	Velu.P 380195	SEV MR,MILD PAH, GD LV,SR,MINOR CAD	MV REPAIR	Dr.Varghese Dr.Simon	Revathy Sumayya	Affinity,ALF, ACP,BCDS	44	1.37	98	58
299	Rajeev.N.G 427106	CAD, TVD, DCM, SEV LVD,SR	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, ACP,BPX80, HC	55	1.55	150	67
300	Sreedharan.G 425582	CAD,TVD,CSA,GD LV, SR, DM	CABG	Dr.Vivek Dr.Simon	Sujith Sumayya	Quadrox, ACP, ALF, BCDS	65	1.66	107	57
301	Rajendran P 426759	CAD,TVD,OLD PLMI BAV,MILD AS DILATED AA,GDLV,SR	CABG	Dr.Jayakumar Dr.Varghese	Lekshmi Sumayya	Aff Fusion, ALF, BPx80, IL	63	1.68	110	48
302	Prajeesh Chandran S 427613	TYPE A AORTIC DISSECTION,TRIVIAL AR,GDLV,SR	SCAAR	Dr.Jayakumar Dr.Bineesh	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	93	2.11	116	77

303	Chandran A K 328123	CAD,TVD,CSA,REC NSTEMI,GDLV,SR	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Sumayya	D905,ACP,ALF HC(P)	48	1.44	103	45
304	Remya N 422740	ACHD,OSASD,GDLV S/P DEVICE EMBOLISATION	DEVICE RETRIEVEL +ASD CLOSURE	Dr.Vivek Dr.Simon	Sujith Sumayya	Affinity,ACP	49	1.46	40	28
305	Mohan R 422915	CAD,TVD,CSA,GDLV SR,HTN,DLP	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	75	1.87	100	49
306	Somasekaran Nair D 9103803	CAD,LMCA,TVD,CSA P/AWMI,GDLV,SR HTN,DLP	CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	82	1.92	117	68
307	Banumathy S 9307881	RHD,SEV MR,MOD MS,MILD PAH,NC	MVR	Dr.Varghese Dr.Simon	Shanu Sumayya	Affinity,ALF, ACP,BCDS	61	1.57	80	54
308	Vikraman V 416281	OSASD,SEV PAH MILD TR,GDLV,AF	ASD CLOSURE	Dr Varghese Dr Debabrith	Revathy Sumayya	Affinity,ACP,ALF	59	1.58	64	35
309	Sathi R 418667	CAD,CSA,TVD,GDLV SR,HTN,DLP	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	52	1.47	75	34
310	Ashok Kumar N 419499	SEV AS,MILD MR,CAD TVD,GDLV,SR,DM	CABG+AVR	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	68	1.80	210	137
311	Maneesh Mathai 426901	ANNULOAOORTIC ECTASIA,SEVERE AR FAIR LV,SR	BENTALL	Dr.Jayakumar Dr.Bineesh	Sujith Sumayya	Affinity,ACP,ALF	78	1.94	122	85
312	Sujai Kumar C 424141	CAD,TVD,GDLV PAROX AF,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	60	1.67	87	37
313	Pramodlal B V 426353	CAD,TVD,ACS,HTN NSTEMI,GDLV,SR,	CABG	Dr.Vivek Dr.Simon	Don Sumayya	Affinity,ALF, ACP,BCDS	72	1.82	132	72
314	Mariya Nesam S 427529	P/MVR,RHD,SEV MS STUCK VALVE,P/T LYSIS STK	REDO STERNOTOMY +MVR	Dr.Varghese Dr.Simon	Shanu Sumayya	Quadrox, ACP, ALF, BCDS,HC	50.2	1.45	145	75
315	Prabhakaran Nair S 384350	CAD,CSA,TVD,GDLV, SR,HTN,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Don Sumayya	Aff Fusion,ALF BPX80,IL	73	1.78	86	47
316	Mohana Kumara Kurup 421813	CAD,CSA,TVD,GDLV SR,HTN,DM,SMOKER	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	78	1.91	121	56

317	Devikiamma N 424593	MVP,SEVERE MR, GDLV,SEV PAH,AF HYPOTHYROID	MVR	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS,HC	46	1.40	114	68
318	Lekshmi Priya S S 427612	OSASD,MILD PAH GDLV,AF WITH FVR	ASD CLOSURE	Dr.Bineesh Dr.Debabrith	Shanu Sumayya	Affinity,ALF, ACP	83	1.93	32	18
319	Prasad A S 421228	SEV AS,GDLV,NC,SR	AVR	Dr.Bineesh Dr.Mahendra	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	57	1.63	84	60
320	Madhusoodhanan V K 423939	MVP,SEV MR,MILD PAH,GDLV,SR MINOR CAD	MV REPAIR	Dr.Varghese Dr.Simon	Shanu Sumayya	Quadrox, ACP, ALF, BCDS,HC	65	1.76	130	77
321	Arumugham Pillai S 427771	CAD,ACS WITH PULM EDEMA,TVD,SEV LVD SR,DM,DLP,HYPOTHY	CABG	Dr.Jayakumar Dr.Bineesh	Don Sumayya	Quadrox i,ALF,HC IL,Bpx80,BCDS	48	1.44	76	34
322	Sudalaimadi V 278439	RHD,SEV MR,MILD PAH,AF,NC	MVR	Dr.Varghese Dr.Debabrith	Don Sumayya	Affinity,ALF, ACP,BCDS	58	1.59	85	54
323	Jishindran M 415409	CAD,TVD,IWMI,POBA -RCA,GDLV,SR,HTN	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	63.5	1.71	109	52
324	Geetha Kumari B 420637	CAD,CSA,LMCA,TVD GDLV,SR,HTN	CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	62	1.61	102	57
325	Yacob M 328722	SEV AS,MILD AR GDLV,NC,SR,DM	AVR	Dr.Varghese Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	75	1.84	123	81
326	Ramesan G 420616	CAD,TVD,CSA,GDLV SR,HTN,SMOKER	CABG	Dr.Vivek Dr.Simon	Lekshmi Sumayya	Quadrox, ACP, ALF, BCDS	65	1.67	79	-
327	Niranjana C 428227	OBSTRUCTED IC TAPVC,ASD,SEV PAH GDLV,SR	TAPVC REPAIR	Dr Sabari Dr Nikhil	Monsy Sumayya	Baby RX,PBCDS HC(I),IL	3.0	0.21	112	90
328	Hamsa T K 387544	CAD,TVD,CSA,GDLV SR,DLP,HTN EX-SMOKER	CABG	Dr.Vivek Dr.Bineesh	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	57.5	1.63	82	49
329	Prasad K B 422884	MVP,SEV MR,MILD PAH,FAIR LV,SR,NC	MVR	Dr.Bineesh Dr.Debabrith	Don Sumayya	Quadrox, ACP, ALF, BCDS	57	1.58	124	63

330	Damodaran Pillai R 424095	CAD,LMCA,TVD,CSA GDLV,SR,HTN,DLP	CABG	Dr.Vivek Dr.Debabrith	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	75	1.84	89	66
331	Thulaseedharan Pillai B 423280	CAD,TVD,OLD AWWMI, MILD LVD,SR,DLP BA,EX-SMOKER	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Sumayya	Quadrox,ALF PBCDS,Bpx80,IL	67.5	1.76	110	52
332	Rajan K K 423959	SEV CAL AS,MILD AR CAD,DVD,GDLV B/L VV,SR	AVR+CABG	Dr.Varghese Dr.Simon	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	72.5	1.80	165	108
333	Philipose T K 424797	CAD,TVD,P/IWMI ISR,P/LACUNAR INFARCTS,GDLV,SR HTN,DLP	CABG	Dr.Vivek Dr.Bineesh	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	76	1.88	140	70
334	Somanatha Panicker 426947	CAD,TVD,LMCA,REC ACS,PROXY AF P/RENAL ANGIOPLASTY	CABG	Dr.Jayakumar Dr.Varghese	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	78	1.90	157	74
335	Ibrahim K P 382704	OSASD,GDLV,NO PAH,SR	ASD CLOSURE	Dr.Bineesh Dr.Debabrith	Revathy Sumayya	Affinity, ACP	88.5	2.02	31	19
336	Ramesh Kumar K 424692	CAD,TVD,REC AWWMI P/IWMI,SEV LVD	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Sumayya	Aff Fusion,ALF, BPX80,IL	61	1.66	91	45
337	Viji Sudhakaran 423703	SVASD,PAPVC,MILD PAH,GDLV,SR	ASD CLOSURE+ REROUTING OF PAPVC	Dr.Bineesh Dr.Nikhil	Sujith Sumayya	Affinity,ALF, ACP,BCDS	62	1.62	48	27
338	Sajeevan M B 426880	CAD,DVD,REC. NSTEMI,GDLV,SR	CABG	Dr.Varghese Dr.Nikhil	Lekshmi Sumayya	Affinity,ALF, ACP,BCDS	81.5	1.94	113	55
339	Rama K 423625	RHD,SEV MS,MOD MR,MOD PAH P/CMV,AF	MVR	Dr.Bineesh Dr.Debabrith	Don Sumayya	Affinity,ALF, ACP,PBCDS	54.5	1.54	80	42
340	Mohammed Ameen C 413188	SAVSD,GDLV,NO PAH SR,RCC PROLAPSE	VSD CLOSURE	Dr Sowmya Dr Mahendra	Lekshmi Sumayya	Capiox 10R,PCP1 PBCDS	25.5	0.87	70	43
341	Sreemayi T 371184	ACHD,OSASD,GDLV MILD PAH,SR	ASD CLOSURE	Dr Sowmya Dr Mahendra	Lekshmi Sumayya	Capiox 10R,PCP2 PBCDS	17	0.74	47	32

342	Praseeda R 223853	CCHD,TA,DTGA,VSD ASD,PS,B/L BDG,JUXT ATRIA,MOD AR	REDO STERNOTOMY+ FONTAN+AVR	Dr Baiju Dr Sudip	Monsy Sumayya	D 905,PCP1 PBCDS,HC(P)	26.2	0.98	233	63
343	Indrajith A 376618	ACHD,OSASD,VAL PS GDLV,SEIZURE	ASD CLOSURE	Dr Sabarinath Dr Mahendra	Lekshmi Sumayya	Capiox 10R,ICP PBCDS	14.7	0.62	46	22
344	Ayana Rajeev 406009	ACHD,OSASD,NO PAH,GDLV,SR	ASD CLOSURE	Dr Abid Dr Sowmya	Lekshmi Sumayya	Capiox 10R,PCP2 PBCDS	19.6	0.78	67	46
345	Afreen M 401230	SAVSD,PAPVC OF RUPV,ADD OSASD NO PAH,GDLV,SR	WARDEN PROCEDURE	Dr Sudip Dr Abid	Thaslim Sumayya	Capiox 10R,ICP PBCDS	10.5	0.50	98	40
346	Theertha K R 378460	P/RMBTS,VSD,PS,ASD B/L SVC,BLOCKED BTS	REDO STERNOTOMY+ BDG	Dr Sabarinath Dr Mahendra	Lekshmi Sumayya	Capiox 10R,ICP PBCDS,HC (I)	10	0.47	113	-
347	B/O Linisha 385736	D-TGA,SP VSD,PS S/P BAS,SR	RASTELLI	Dr Baiju Dr Mahendra	Sujith Mahendra	Capiox 10R,ICP PBCDS,HC (I)	9.4	0.47	320	206
348	B/O Sulatha Suman 429477	HLHS,NEAR ATRETIC MV,AORTA ATRET PDA,DEP SYS CIRC	STAGE 1 NORWOOD	Dr Sabarinath Dr Sowmya	Sujith Sumayya	Baby Rx,I L,HC(I)	3.7	0.20	321	96
349	Prabeesh B P 418538	ACHD,SV ASD,PAPVC GDLV,SR,NO PAH	WARDEN PROCEDURE	Dr Sudip Dr Mahendra	Lekshmi Sumayya	Capiox 10R,PCP2 PBCDS	17	0.73	57	42
350	Fathima Rifana C P 414031	SV ASD,PAPVC,GDLV SR	SVASD CLOSURE	Dr Sowmya Dr Abid	Lekshmi Sumayya	Capiox 10R,ICP PBCDS	13	0.59	81	20
351	Renjani Devi B 425585	EBSTEIN'S ANOMALY OF TV,PLASTERED STL,ANTER LEAF SMALL RV	BDG	Dr Sudip Dr Abid	Shanu Sumayya	Capiox 10R,ICP	14	0.61	90	-
352	Fathima N 429772	DORV,VSD,IAAA,PDA DEP SYST CIR,GDLV	ARCH REPAIR+ PA BANDING	Dr Baiju Dr Sudip	Thaslim Sumayya	Baby Rx,PBCDS IL,HC(I)	2.8	0.18	136	48
353	Dhanush J 275789	TA,NRGA,ASD,VSD P/BDG,TRIV LAVVR GDLV	REDO STERNOTOMY+ FONTAN	Dr Baiju Dr Sudip	Thaslim Sumayya	D 905,PCP 2, PBCDS,HC(I)	25.5	0.98	96	23

354	Adithya B N 428113	DTGA,VSD,ASD,MUS VSD,SR,IL2RCX	ASO+VSD CLOSURE	Dr Sabarinath Dr Sowmya	Shanu Sumayya	Baby Rx,PBCDS IL,HC(I)	2.8	0.19	300	153
355	Aryanandha K R 359734	DORV,VSD,PS,ADDL VSD,GDLV,SR	ICR	Dr Sabarinath Dr Abid	Lekshmi Sumayya	Capiox 10R,PCP 2 PBCDS,HC (I)	15	0.67	150	110
356	Sanghamithra S 330227	ACHD,OS ASD,MILD PAH,GDLV,SR	ASD CLOSURE	Dr Sowmya Dr Mahendra	Lekshmi Sumayya	Capiox 10R,PCP2 PBCDS	19.5	0.82	66	37
357	B/O Fareeda 430393	OBSTRC SC TAPVC ASD,MOD PAH, NO COA,SR,NC	TAPVC REPAIR	Dr Sabarinath Dr Mahendra	Sujith Sumayya	Baby Rx,PBCDS IL,HC(I)	2.9	0.19	207	114
358	Mohammed Hamdan 396286	ACHD,SV ASD,ADD OS ASD,GDLV,SR	ASD CLOSURE	Dr Sudip Dr Mahendra	Sujith Sumayya	Capiox 10R,PCP2 PBCDS	19.9	0.78	83	23
359	Shunsipy G 420731	SEV MR,MVP OF AML GDLV,SR	MV REPAIR	Dr Sabarinath Dr Abid	Thaslim Sumayya	Capiox 10R,PCP 2 PBCDS,HC (I)	16	0.71	111	93
360	Abhinandhu U 348418	ACHD,OS ASD,MILD PAH,GDLV,SR	ASD CLOSURE	Dr Sabarinath Dr Mahendra	Sujith Sumayya	Capiox 10R,ICP PBCDS	12.8	0.59	100	67
361	Manoharan R 429106	CAD,LMCA,TVD,GDLV SR,DM,DLP,SMOKER	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,PCP ALF,BCDS,Bpx80	79	1.95	83	44
362	Chelliya P K 424633	CAD,TVD,MOD LVD MOD MR,SR	CABG	Dr Vivek Dr Simon	Shanu Sumayya	Affinity,ACP,ALF	59.5	1.64	105	-
363	Muhammed Kunju 424911	CAD,DVD,MOD LVD MOD MR,SR	CABG	Dr Varghese Dr Nikhil	Don Sumayya	Affinity,ACP,ALF BCDS	78.5	1.94	108	63
364	Sajitha K 425172	ACHD,OSASD,CRIBRIF ORM IAS,GDLV,MILD PAH,SR	ASD CLOSURE	Dr Bineesh Dr Debabrith	Revathy Sumayya	Quadrox I,ACP	63	1.63	51	31
365	Hari P 427921	CAD,LMCA,TVD,GDLV DM,DLP,OBESITY	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	81	1.89	114	46
366	Muraleedharan Pillai R 428829	CAD,TVD,FAIR LV FUN,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	63.5	1.66	117	53
367	Sreedevi Kunjamma E 292224	CAD,TVD,GDLV,SR DLP,HTN	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Quadrox I,ACP ALF,BCDS	56	1.54	95	55

368	Prathapan S S 420512	AV CANAL EFFECT SEV PS,MILD AVVR GDLV,SR,B/L SVC	ICR	Dr Sabarinath Dr Nikhil	Lekshmi Sumayya	Quadrox I,ACP ALF,BCDS	49	1.46	175	143
369	Vijayan T 420841	CAD,TVD,GDLV,SR SMOKER	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL,HC	64.5	1.73	99	46
370	Babu T 427625	CAD,TVD,GDLV,SR DM,COPD	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ALF BCDS,Bpx80,IL	54.5	1.52	66	30
371	Romeo K James 210234	CAD,TVD,S/P PCI TO LAD,MILD LVD,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	79.5	1.94	126	63
372	Ibrahim Kutty A 413174	CAD,TVD,MILD LVD MOD MR,SR,HBSAG+	CABG	Dr Vivek Dr Sivapresad	Lekshmi Sumayya	Affinity,ACP ALF,BCDS	74.5	1.86	153	82
373	Rajendran R 430150	CAD,TVD,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	79.5	1.94	126	63
374	Manoj Eappen 430183	CAD,TVD,MILD LVD SR,DLP	CABG	Dr Varghese Dr Nikhil	Revathy Sumayya	Affinity,ACP,ALF BCDS	71	1.86	131	68
375	Liyakath Ali P 429352	CAD,DVD,GDLV,SR DM,HTN	CABG+EVH	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ALF BCDS,Bpx80,IL,HC	63	1.67	70	32
376	Ajith V K 429797	CAD,TVD,S/P PCI TO LAD,GDLV,SR	CABG	Dr Jayakumar Dr Simon	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	85.2	2.00	96	50
377	Peerukkannu M 429181	CAD,TVD,GDLV,P/PCI TO RCA,SR,HTN	CABG	Dr Vivek Dr Sivapresad	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	60	1.66	113	76
378	Velappan G 429336	CAD,TVD,GDLV SR,HTN	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Affinity,ALF BCDS,Bpx80,IL	59	1.61	121	37
379	Bindu R 426037	ACHD,OSASD,MOD PAH,GDLV,SR	ASD CLOSURE	Dr Sivapresad Dr Nikhil	Lekshmi Sumayya	D 905,ACP	38.5	1.21	88	60
380	Pathumma P 370564	RHD,SEV MR,MOD MS,MOD PAH,GDLV	MVR+CABG	Dr Vivek Dr Sivapresad	Shanu Sumayya	Quadrox i,ACP ALF,BCDS	55	1.54	117	70
381	Sivaraman Nair N 402423	CAD,LMCA,DVD,MOD MR,MOD MS,MOD PAH,GDLV,AF	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF BCDS,Bpx80,IL	71.5	1.83	68	35

382	Saraswathy M 427620	CAD,TVD,LMCA,GDLV SR,DLP,HYPO THYROID	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	72.5	1.76	87	46
383	Syam Suresh 423978	RHD,SEV MR,MILD AR,GDLV,SR	MVR	Dr Vivek Dr Simon	Revathy Sumayya	D 905,PCP 1,ALF BCDS	43	1.36	70	40
384	Sebastain P 910621	MVP,SEV MR,MULTI PERFORATE IAS,SEV PAH,GDLV,SR	ASD CLOSURE+ MVREPAIR	Dr Bineesh Dr Nikhil	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	67	1.75	160	122
385	Soman C 428589	CAD,LMCA,TVD,MOD LVD,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF Bpx80,IL	57.5	1.58	89	36
386	Jayakumar K 429690	CAD,TVD,GDLV,SR DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	73	1.84	96	30
387	Prince Babu 404244	RHD,SEV AR,MOD MR,MOD LVD,MILD PAH,SR	DVR	Dr Bineesh Dr Nikhil	Shanu Sumayya	Affinity,ALF,ACP BCDS	64.5	1.79	78	58
388	Valsala Ravindran 426689	CAD,TVD,ACS,MILD MR,GDLV,SR,DM HTN,POVD	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Quadrox i,ACP ALF,BCDS,HC	53	1.48	132	40
389	Isahak M 427178	CAD,TVD,REC.ACS GDLV,COPD,DM,HTN	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	73	1.78	101	57
390	Sumathi S 420308	CAD,TVD,IPWMI MILD MR,MILD LVD, SR,DLP	CABG	Dr Vivek Dr Debabrith	Shanu Sumayya	Affinity,ALF,ACP BCDS	57	1.54	120	70
391	Bovas Y 427180	CAD,TVD,CSA,REC ACS,GDLV,SR,DM	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF Bpx80,IL,BCDS	60	1.64	93	57
392	Kunjuraman N 425933	CAD,TVD,REC ACS MOD LVD,SR,HTN HYPOTHYROID	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	53.5	1.51	106	49
393	Rajan K 426232	RHD,SEV MS,MOD MR,SEV PAH,P.AF	MVR	Dr Bineesh Dr Debabrith	Revathy Sumayya	Affinity,ALF,ACP BCDS	67	1.78	88	59
394	Shabeer K 425520	MVP,SEV MR,GDLV NO PAH,SR	MV REPAIR	Dr Varghese Dr Debabrith	Revathy Sumayya	Affinity,ALF,ACP BCDS	92	2.16	125	88

395	Ajitha C 429166	ACHD,OSASD,MILD PAH,GDLV,SR	ASD CLOSURE	Dr Bineesh Dr Simon	Lekshmi Sumayya	D 905,PCP 1	35.5	1.23	52	31
396	Philomina 429904	CAD,TVD,LMCA,GDLV SR,HTN,DLP	CABG	Dr Varghese Dr Sivapresad	Don Sumayya	Quadrox i,ACP ALF,BCDS	44.1	1.32	110	65
397	Indirayamma 428307	RHD,SEV MS,MOD PAH,GDLV	MVR	Dr Sivapresad Dr Nikhil	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	44.5	1.33	83	64
398	Sundar S 427819	CAD,LMCA,SVD,OLD CVA,GDLV,SR	CABG	Dr Varghese Dr Nikhil	Don Sumayya	Affinity,ALF,ACP BCDS	64	1.67	106	72
399	John K 431776	CAD,LMCA,TVD,REC ACS,GDLV,SR,HTN	CABG	Dr Varghese Dr Sivapresad	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	68	1.78	101	66
400	Laila Philip 9509085	RHD,SEV MR,MILD AR,MOD TR,GDLV,AF HYPOTHYROID,NC	MVR+TV REPAIR	Dr Varghese Dr Simon	Sujith Sumayya	Affinity,ALF,ACP BCDS	71	1.84	138	93
401	Mohan Nair S 417486	CAD,TVD,GDLV,HTN SR	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	64	1.76	140	72
402	Bulbul Dewan 426731	CAD,TVD,MOD LVD,DM,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	70.5	1.79	126	67
403	Krishnan Nair V 357711	CAD,TVD,GDLV,SR HYPOTHYROIDISM	CABG	Dr Varghese Dr Debabrith	Don Sumayya	Affinity,ALF,ACP BCDS	65	1.71	88	50
404	Gopakumar K 425478	CAD,TVD,SEV LVD MILD MR,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	68	1.80	146	78
405	Radha Krishna Pillai K 427983	CAD,DVD,GDLV,SR HTN	CABG	Dr Vivek Dr Simon	Revathy Sumayya	Quadrox i,ACP ALF,BCDS	56.5	1.57	64	41
406	Sreedharan Pillai B 428566	CAD,LMCA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Quadrox i,ALF BCDS,Bpx80,IL	67.5	1.76	108	45
407	Sobhana John 303693	RHD,SEV RE MS, P/CMV,BMV,SEV TR	MVR	Dr Bineesh Dr Nikhil	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	49.5	1.48	141	69
408	Latheef P M 427972	SEV CAL AS,MILD TO MOD AR,DIL AA GDLV,SR,NC	AVR+AORTO PLASTY	Dr Bineesh Dr Nikhil	Don Sumayya	Quadrox i,ACP ALF,BCDS	62	1.66	88	62

409	Pradeep Kumar R 428789	SEV CAL AS,MOD AR GDLV,SR,DM,HTN	AVR	Dr Bineesh Dr Debabrith	Don Sumayya	Quadrox i,ACP ALF,BCDS	65	1.68	83	56
410	Jyothish Kumar A 233958	BAV,SEV AS,MILD AR GDLV,SR,CAD,SVD	AVR+CABG	Dr Bineesh Dr Abid	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	85	1.97	285	142
411	Jaimon K Jose 420017	BAV,SEV AS,MOD AR GDLV,SR	AVR	Dr Varghese Dr Simon	Don Sumayya	Quadrox i,ACP ALF,BCDS	56	1.55	82	45
412	Parameswari M 425441	ACHD,OSASD,MILD PAH,GDLV,SR	ASD CLOSURE	Dr Sivapresad Dr Nikhil	Revathy Sumayya	D905,PCP,ALF BCDS	46	1.36	46	28
413	Naushad M 424259	SVASD,ADD OSASD MILD PAH,GDLV,SR	ASD CLOSURE+ CABG	Dr Bineesh Dr Simon	Sujith Sumayya	Quadrox i,ACP ALF,BCDS	49	1.45	134	77
414	Chandrika Devi K 428496	CAD,TVD,GDLV,SR DM,HTN	CABG	Dr Varghese Dr Debabrith	Don Sumayya	Quadrox i,ACP ALF,BCDS	62	1.59	110	60
415	Sathiya Moorthy Anto 9403910	SEV AR,MILD PAH FAIR LV,AF,NC	AVR	Dr Varghese Dr Sivapresad	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	79.5	1.98	64	41
416	Thithi Kutty K 427693	RHD,SEV CAL MS, MILD MR,GDLV	MVR	Dr Bineesh Dr Nikhil	Revathy Sumayya	Quadrox i,ACP ALF,BCDS	61.5	1.60	68	47
417	Sreekumar S 430537	CAD,TVD,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Sujith Sumayya	Quadrox i,ACP ALF,BCDS	68	1.77	129	62
418	Rafeeja P 430612	RHD,SEV MS,S/P BMV,SEV MR,GDLV	EMERGENCY MVR	Dr Vivek Dr Sivapresad	Revathy Sumayya	Quadrox i,ACP ALF,BCDS	59	1.54	94	55
419	Karthiga B 382474	ACHD,OSASD,MOD PAH,GDLV,SR	ASD CLOSURE	Dr Varghese Dr Simon	Don Sumayya	Affinity,ALF,ACP	62	1.65	105	60
420	Ayyappan T 430644	CAD,LMCA,TVD, P/POBA-RCA,GDLV	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	68	1.73	108	76
421	Sugathan C 43091	CAD,LMCA,TVD,SEV LVD,SR,ISCHCARDIO MYOPATHY	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	68	1.81	79	36
422	Latha P 422666	ACHD,MULT OSASD GDLV,SR,NC	ASD CLOSURE	Dr Sivapresad Dr Abid	Revathy Sumayya	Quadrox i,ACP ALF,BCDS	54	1.51	55	31
423	Sunil Kumar C 428677	CAD,TVD,GDLV,SR DM,HTN,DLP	CABG+EVH	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	78	1.91	88	34

424	Sasidharan K 429238	CAD,TVD,GDLV,SR DM,HTN	CABG	Dr Vivek Dr Sivapresad	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	56	1.55	115	62
425	Manikantan Nair K 428416	CAD,LMCA,TVD,S/P PCI TO LAD,MOD LVD,HTN,DLP	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	53	1.55	140	51
426	Radhakrishna Kammath 429908	CAD,TVD,GDLV,DM HTN,DLP,SR	CABG+EVH	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS,HC	57	1.57	81	39
427	Rachel K Nair 430158	CAD,TVD,MILD LVD DM,HTN,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ALF,ACP BCDS	73	1.79	72	30
428	Kanchana B 9707389	MVP(AML),SEV MR MILD-MOD PAH	MVR	Dr Varghese Dr Sivapresad	Lekshmi Sumayya	D905,PCP,ALF BCDS	35	1.91	111	87
429	Saranya S 414555	MVP,SEV MR,MOD PAH,MIL-MOD TR GDLV,SR	MV REPAIR	Dr Varghese Dr Debabrith	Revathy Sumayya	D905,ACP,ALF BCDS	44.5	1.39	99	57
430	Baskaran K 425102	CAD,TVD,OLD AWMI MVP,SEV MR,MOD LVD,SR	CABG+EVH MV REPAIR	Dr Vivek Dr Sivapresad	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	67	1.78	187	125
431	Narayanan Namboodiri 414363	BAV,SEV CAL AS GDLV,SR,NC	AVR	Dr Bineesh Dr Nikhil	Don Sumayya	Quadrox i,ACP ALF,BCDS	59.5	1.58	60	43
432	Younas Kunju 431913	CAD,TVD,MILD LVD CKD,DM,HTN,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Affinity,ALF,BCDS Bpx80,IL,HC(P)	64	1.68	130	57
433	Binoy P G 428615	CAD,TVD,P/PCI TO LAD,SEV LAD,MOD MR,DM,DLP,SR	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Quadrox I,ALF BCDS, Bpx80,IL	50	1.40	118	51
434	Sankararu N 425928	SEV CAL AS,MILD AR MILD MR,MILD PAH AF	AVR	Dr Varghese Dr Karthik	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	49	1.50	96	63
435	Babu Paul 430342	CAD,TVD,GDLV,SR DM,HTN	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Aff.Fusion,ALF BCDS,Bpx80,IL	72	1.76	115	55
436	Muhammed Rayan K 420250	SAVSD,BDS,SEV PAH GDLV,SR	VSDCLOSURE	Dr Sabari Dr Abid	Shanu Sumayya	Capiox10R,PBCDS ICP,HC(I)	8.7	0.43	100	58

437	Thomas P Mathew 424749	CAD,TVD,GDLV,DM DLP,SR	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Quadrox i,ACP ALF,BCDS	56	1.59	110	50
438	Vijayamma P 427505	CAD,TVD,REC ACS MILD PAH,GDLV,SR	CABG	Dr Vivek Dr Sivapresad	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	63	1.59	126	62
439	Badarudeen A 431220	CAD,DVD,FAIR LV SR	CABG	Dr Varghese Dr Nikhil	Vivek Sumayya	Affinity,ALF,ACP BCDS	65	1.76	120	69
440	Jones Muthunayagom 432381	CAD,TVD,MILD MOD MR,MILD LVD,DM	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ALF,ACP BCDS	74	1.87	107	51
441	Indira R 428846	CAD,TVD,REC MI GDLV,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	56	1.51	101	50
442	Reghunathan D 430838	BAV,SEV AR,MILD AS DIL ACS AORTA SR,NC	AVR	Dr Bineesh Dr Mahendra	Don Sumayya	Quadrox i,ACP ALF,BCDS	67	1.78	75	56
443	Vineeth C 398632	RHD,SEV MR,MOD TR MILD PAH,GDLV,SR	MV REPAIR	Dr Varghese Dr Nikhil	Don Sumayya	D905,PCP 1,BCDS HC(P)	27	1.04	153	116
444	Ramachandran E 428560	SEV CAL AS,MOD AR CAD,SVD,MILD LVD COPD,SR	AVR+CABG	Dr Bineesh Dr Karthik	Vivek Sumayya	Quadrox i,ACP ALF,BCDS	54	1.55	107	76
445	Thankamony S 429685	CAD,TVD,IWMI,MOD MR,GDLV,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	54	1.48	103	54
446	Sudheesan V 433020	CAD,TVD,GDLV,SR	CABG	Dr Jayakumar Dr Varghese	Shanu Sumayya	Affinity,ALF,ACP BCDS	60	1.65	150	108
447	Prathapachandran R 417697	CAD,TVD,IWMI,GDLV SR,DM,VV	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	64	1.67	106	57
448	Yohannan Jose 208034	RHD,SEV MS,MOD MR,MILD AR	MVR	Dr Varghese Dr Mahendra	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	67	1.72	72	54
449	Ragesh R G 425132	BAV,SEV AR,MILD MR	AVR	Dr Bineesh Dr Nikhil	Shanu Sumayya	Affinity,ALF,ACP BCDS	70	1.78	59	46
450	Radhamaniamma K 430608	CAD,TVD,GDLV,MILD MR,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Shanu Sumayya	Quadrox i,ALF Bpx80,IL	47	1.40	104	35

451	Sumanan M 433181	CAD,ACS AWSTEMI FAIR LV,NO CCF NO PAH,COPD	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Quadrox i,ACP ALF,BCDS	47	1.44	80	36
452	Syed Mydeen Beevi 429411	RHD,SEV MS,SEV AS MOD MR,GDLV,SR	DVR	Dr Varghese Dr Abid	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	58	1.58	142	103
453	Ramesan Pillai B 432136	CAD,TVD,LMCA,MILD LVD,NSTEMI,SR,DM	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	63	1.70	125	81
454	Jeejo M C 434353	CAD,TVD,P/CAR ARREST,IWMI,FAIR LV,SR	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Quadrox i,ACP ALF,BCDS,HC(A)	48	1.45	100	40
455	Maimoona V 427350	ACHD,OSASD,MILD PAH,PAROX AF,GDLV	ASD CLOSURE	Dr Sivapresad Dr Abid	Don Sumayya	Inspire,PCP 1 ALF	36	1.27	68	24
456	Gopu Kumar K 423217	CAD,TVD,MOD LVD SR	CABG	Dr Vivek Dr Sivapresad	Don Sumayya	Affinity,ALF,ACP BCDS	64	1.71	122	74
457	Bhaskaran K P 433569	CAD,TVD,GDLV,SR DM,DLP,HTN,SR	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	69	1.70	76	34
458	Lissy Biju 429826	SUBMITRAL ANEUR- YSM,SEV MR,SEV PAH,P/TB	MVR	Dr Varghese Dr Mahendra	Don Sumayya	Affinity,ALF,ACP BCDS,HC(A)	66	1.70	338	264
459	Anitha S 430109	BAV,SEV AS,MOD AR GDLV,NC,SR	AVR	Dr Bineesh Dr Nikhil	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	60	1.59	66	46
460	Sainulabheen P 434616	CAD,TVD,GDLV,SR HTN,DLP	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ACP ALF,BCDS,HC	104	2.23	117	56
461	Malavika S 382068	ACHD,OSASD,GDLV SR	ASD CLOSURE	Dr Sivapresad Dr Nikhil	Shanu Sumayya	Quadrox i,ACP	51	1.46	40	15
462	Lalchand V 434293	CAD,ACS,IWMI,FAIR LV,SR,DM,HTN	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Affinity,ALF,ACP BCDS	60	1.63	145	52
463	Gopalakrishnan Nair J 434934	CAD,TVD,LMCA NSTEMI,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affinity,ALF,ACP BCDS	55	1.53	150	66
464	Chandra Neelakandan 431306	PML PROLAP,SEV MR MOD PAH,GDLV,SR	MV REPAIR	Dr Vivek Dr Simon	Don Sumayya	Quadrox i,ACP ALF,BCDS,HC(A)	43	1.35	105	67

465	Usha G 433766	CAD,TVD,GDLV,SR B/L CAROTID STENO	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Quadrox i,ACP ALF,BCDS	56	1.52	63	36
466	Pathrose J 434172	CAD,TVD,MOD LVD SR	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS,HC	64	1.71	75	42
467	Sobhitha M 24872	RHD,SEV MR,MOD MS,MOD PAH,GDLV	MVR	Dr Bineesh Dr Abid	Don Sumayya	Quadrox i,ACP ALF,BCDS	62	1.60	102	67
468	Syam Mani N 433277	CAD,UA,P/PCI-LCX GDLV,SR,DM	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affi.fusion,ACP ALF,BCDS,HC	80	1.93	113	62
469	Vasudevan N 434124	CAD,CSA,TVD,GDLV	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Quadrox i,ACP ALF,BCDS	60	1.63	111	60
470	Sivadasan R 434334	OSASD,MOD PAH GDLV,SR,NC	ASD CLOSURE	Dr Sivaprasad Dr Nikhil	Maya Sumayya	Quadrox i,ACP	71	1.78	96	57
471	Haripriya M S 379413	ACHD,OSASD,MILD PAH,SR	ASD CLOSURE	Dr Sivaprasad Dr Nikhil	Shanu Sumayya	Quadrox i,ACP	47	1.44	82	35
472	Suresh Kumar S 432245	CAD,TVD,GDLV,SR, DM	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ACP ALF,BCDS	75	1.85	118	67
473	Ambika A 431770	RHD,S/P CMV,SEV MS,MOD SEV MR MOD TR,DM,AF	MVR	Dr Bineesh Dr Mahendra	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	60	1.57	185	49
474	Vikraman P 433645	CAD,ACS NSTEMI TVD,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Don Sumayya	Affinity,ALF,ACP BCDS	73	1.78	99	51
475	Sukesan R 433679	CAD,LMCA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ACP ALF,BCDS	75	1.80	110	56
476	Felix Raymond Thomas 429180	CAD,EFFORT ANGINA TVD,FAIR LV,SR	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ALF BCDS,Bpx80,IL	102	2.28	94	44
477	Krishnan C O 431393	CAD,TVD,GDLV,SR HTN,BA	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ACP ALF,BCDS	71	1.74	107	64
478	Ashraf H 433688	RHD,SEV CAL MS MILD MR,TRIV AR MOD PAH,SR,NC	MVR	Dr Bineesh Dr Abid	Shanu Sumayya	Affinity,ALF,ACP BCDS,HC	81	1.97	78	57
479	Sumathykutty Amma M 435681	CAD,CSA,TVD,AC NSTEMI,GDLV	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Quadrox i,ACP ALF,BCDS	56	1.54	117	57

480	Jumaila Beevi S 433177	CAD,CSA,TVD,P/PCI -RCA-OM,GDLV,SR	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	72.5	1.75	73	34
481	Surendran P K 435913	CAD,TVD,ACS NSTEMI,GDLV	CABG	Dr Vivek Dr Simon	Don Sumayya	Affinity,ALF,ACP BCDS	73.5	1.82	135	56
482	Suharban Ibrahim A 394517	ACHD,LARGE OSASD MOD PAH,GDLV,BA	ASD CLOSURE	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	74	1.77	82	41
483	Vijayakumari R 422815	SEV AS,SR,GDLV,NC	AVR	Dr Bineesh Dr Abid	Rijesh Sumayya	Quadrox i,ACP ALF,BCDS	52.5	1.46	83	53
484	Sateesa Babu S 433749	MVP PROLAPSE SEV MR,MOD PAH GDLV,AF,NC	MV REPAIR	Dr Varghese Dr Simon	Don Sumayya	Quadrox i,ACP ALF,BCDS	75	1.71	157	90
485	Chandrika K K 343737	RHD,S/P CMV,MILD TO MOD AR	MVR	Dr Varghese Dr Nikhil	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	66	1.66	102	59
486	Raveendran Nair C 433769	CAD,TVD,GDLV SR,DM	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Affi.fusion,ACP ALF,BCDS	54	1.53	153	70
487	Jegara A 426795	SEV CAL AS,MILD MR TRIVIAL AR,GDLV,SR	AVR	Dr Varghese Dr Simon	Rijesh Sumayya	Quadrox i,ACP ALF,BCDS	61	1.57	101	61
488	Faisal Babu K 435155	CAD,TVD,SEV LVD MILD MR,SR	CABG	Dr Jayakumar Dr Bineesh	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	72	1.82	122	71
489	Ramakrishna Pillai K 435530	CAD,CSA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Bineesh	Maya Sumayya	Affi.fusion,ACP ALF,BCDS	73.5	1.82	118	64
490	Sulaiman P 430718	MVP,SEV MR,DIL LV MILD PAH,MARFAN	MV REPAIR	Dr Varghese Dr Simon	Rijesh Sumayya	Affinity,ALF,ACP BCDS	97	2.27	101	60
491	Ravi Pillai P 433824	SEV AR,MOD AS MOD-SEV MS,MILD MR,GDLV,AF	DVR	Dr Bineesh Dr Mahendra	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	60	1.63	143	109
492	Jagathamma C 434938	CAD,CSA,TVD,GDLV SR,DM,HTN	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Quadrox i,ACP ALF,BCDS	56	1.52	99	45
493	Vijayakumari R 437084	CAD,TVD,GDLV,SR	CABG	Dr Vivek Dr Simon	Lekshmi Sumayya	Affinity,ALF,ACP BCDS	75	1.66	81	43

494	Geetha Devi A 434558	CAD,TVD,GDLV,DM DLP	CABG	Dr Jayakumar Dr Varghese	Don Sumayya	Quadrox i,ACP ALF,BCDS	73	1.88	82	53
495	Suresh Kumar V S 435914	CAD,DVD,UA,GDLV SR,HTN,DLP,DM	CABG	Dr Vivek Dr Simon	Maya Sumayya	Affinity,ALF,ACP BCDS	80	1.82	122	51
496	Ancil Sebastain 428230	RHD,SEV MS,GDLV SR,CVA,NC	MVR	Dr Bineesh D Karthik	Rijesh Sumayya	Affinity,ALF,ACP BCDS	79	1.93	75	57
497	Sreenagesh T 435939	CAD,TVD,REC MI GDLV,SR,TRIV MR	CABG	Dr Jayakumar Dr Varghese	Maya Sumayya	Affinity,ALF,ACP BCDS	74	1.86	132	67
498	B/O Rukkiya 356804	DORV,VSD,OSASD SEV PS,LPA ORIGIN STEN,SR	ICR+LPA PLASTY	Dr Sabari Dr Debrith	Thaslim Sumayya	Baby Rx,PBCDS IL,HC(I)	3.2	0.28	225	148
499	Beatrice Mathew 413779	OSASD,MVP,MILD MR,MOD TR,SEV PAH	ASD CLOSURE	Dr Bineesh Dr Mahendra	Lekshmi Sumayya	Inspire,ACP,ALF BCDS	41	1.32	35	22
500	Malavika S 382068	SS,DC,SCIMTAR SYND SMALL ASD,LT ARCH NO COA	REPAIR OF SCIMTAR	Dr Sabari Dr Debrith	Thaslim Sumayya	Baby Rx,ICP PBCDS,HC(A)	11.8	0.55	163	98

**CASES DONE UNDER**  
**SUPERVISION**

### BYPASS DATA

<b>TEMPERATURE</b>	32	36.2
<b>ARTERIAL PRESSURE</b>	60	62
<b>p<sup>H</sup></b>	7.36	7.40
<b>PCO<sub>2</sub></b>	33	39
<b>PO<sub>2</sub></b>	190	136
<b>BASE</b>	-2.5	0.8
<b>O<sub>2</sub> SATURATION</b>	100	100
<b>K<sup>+</sup></b>	3.8	3.6
<b>HAEMOGLOBIN</b>	12.5	13
<b>HCT</b>	38	42

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Rejila S</b>
<b>Hospital Number</b>	<b>396509</b>
<b>Height (cm)</b>	<b>164</b>
<b>Weight (Kg)</b>	<b>66</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.73</b>
<b>Avg.Flow (L/min)</b>	<b>4.14</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OSASD,NO PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrBineesh,DrDebhabrith</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16</b>	<b>0.81</b>	<b>3.9</b>	<b>11</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200 ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>32</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>67</b>
<b>Cross Clamp Time (min)</b>	<b>35</b>
<b>Urine Output (ml)</b>	<b>350</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	35.5
<b>ARTERIAL PRESSURE</b>	58	65
<b>p<sup>H</sup></b>	7.38	7.40
<b>PCO<sub>2</sub></b>	35	39
<b>PO<sub>2</sub></b>	160	162
<b>BASE</b>	-1.8	0.01
<b>O<sub>2</sub> SATURATION</b>	99.6	100
<b>K<sup>+</sup></b>	3.8	4.0
<b>HAEMOGLOBIN</b>	10.6	11
<b>HCT</b>	32	34

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Viji Sudhakaran</b>
<b>Hospital Number</b>	<b>423703</b>
<b>Height (cm)</b>	<b>161</b>
<b>Weight (Kg)</b>	<b>62</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.62</b>
<b>Avg.Flow (L/min)</b>	<b>3.88</b>
<b>Procedure</b>	<b>ASD CLOSURE+REROUTING OF PAPVC</b>
<b>Diagnosis</b>	<b>SVASD,PAPV-RUPV TO SVC RA JUN,SEV PAH</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Sujith,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity NT</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16.0</b>	<b>0.98</b>	<b>3.5</b>	<b>11</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200 ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>48</b>
<b>Cross Clamp Time (min)</b>	<b>27</b>
<b>Urine Output (ml)</b>	<b>120</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	60	62
<b>p<sup>H</sup></b>	7.4	7.42
<b>PCO<sub>2</sub></b>	35	41
<b>PO<sub>2</sub></b>	164	189
<b>BASE</b>	0.8	1.0
<b>O<sub>2</sub> SATURATION</b>	100	101
<b>K<sup>+</sup></b>	4.0	3.8
<b>HAEMOGLOBIN</b>	10.2	10.3
<b>HCT</b>	31	33

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sajitha K</b>
<b>Hospital Number</b>	<b>425172</b>
<b>Height (cm)</b>	<b>153.5</b>
<b>Weight (Kg)</b>	<b>63</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.63</b>
<b>Avg.Flow (L/min)</b>	<b>3.93</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OSASD,CRIBRIFORM IAS</b>
<b>Surgeons</b>	<b>DrBineesh,DrDebhabrith</b>
<b>Perfusionist</b>	<b>Revathy,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>15.2</b>	<b>0.80</b>	<b>3.8</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200 ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>51</b>
<b>Cross Clamp Time (min)</b>	<b>31</b>
<b>Urine Output (ml)</b>	<b>125</b>

### BYPASS DATA

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	63	65
<b>p<sup>H</sup></b>	7.39	7.41
<b>PCO<sub>2</sub></b>	35.9	41
<b>PO<sub>2</sub></b>	186	190
<b>BASE</b>	0.8	0.9
<b>O<sub>2</sub> SATURATION</b>	100	100
<b>K<sup>+</sup></b>	4.1	4.0
<b>HAEMOGLOBIN</b>	9.5	9.9
<b>HCT</b>	30	31

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Bindu R</b>
<b>Hospital Number</b>	<b>426037</b>
<b>Height (cm)</b>	<b>131</b>
<b>Weight (Kg)</b>	<b>38.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.21</b>
<b>Avg.Flow (L/min)</b>	<b>2.90</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MOD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>Dr Siva Prasad,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Dideco 905</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.5</b>	<b>0.89</b>	<b>3.5</b>	<b>9.3</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100 ml,350 ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>20(DLP)</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>88</b>
<b>Cross Clamp Time (min)</b>	<b>60</b>
<b>Urine Output (ml)</b>	<b>300</b>

### **BYPASS DATA**

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	63	67
<b>p<sup>H</sup></b>	7.39	7.49
<b>PCO<sub>2</sub></b>	37.7	32.8
<b>PO<sub>2</sub></b>	319	167
<b>BASE</b>	-2.5	1.6
<b>O<sub>2</sub> SATURATION</b>	98.6	99.8
<b>K<sup>+</sup></b>	4.1	4.6
<b>HAEMOGLOBIN</b>	12.1	11.8
<b>HCT</b>	37.2	36.3

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>ManojEappen</b>
<b>Hospital Number</b>	<b>430183</b>
<b>Height (cm)</b>	<b>176</b>
<b>Weight (Kg)</b>	<b>71</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.86</b>
<b>Avg.Flow (L/min)</b>	<b>4.47</b>
<b>Procedure</b>	<b>CABG</b>
<b>Diagnosis</b>	<b>CAD,LMCA,TVD,MILD LVD,SR,DLP</b>
<b>Surgeons</b>	<b>DrVarghese,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Revathy,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity NT</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16.2</b>	<b>0.96</b>	<b>3.6</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200,600ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>-</b>	<b>-</b>	<b>32*40</b>

<b>Bypass Time (min)</b>	<b>131</b>
<b>Cross Clamp Time (min)</b>	<b>68</b>
<b>Urine Output (ml)</b>	<b>400</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	34	36
<b>ARTERIAL PRESSURE</b>	58	60
<b>p<sup>H</sup></b>	7.38	7.4
<b>PCO<sub>2</sub></b>	31.6	32
<b>PO<sub>2</sub></b>	307	201
<b>BASE</b>	-5.5	0.8
<b>O<sub>2</sub> SATURATION</b>	100.2	100.2
<b>K<sup>+</sup></b>	4.3	4.1
<b>HAEMOGLOBIN</b>	8.9	8.6
<b>HCT</b>	27.5	29

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Ajitha C</b>
<b>Hospital Number</b>	<b>429166</b>
<b>Height (cm)</b>	<b>154</b>
<b>Weight (Kg)</b>	<b>35.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.23</b>
<b>Avg.Flow (L/min)</b>	<b>2.956</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MILD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Simon</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Dideco 905</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14.3</b>	<b>0.86</b>	<b>3.5</b>	<b>14</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>900ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>28</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>52</b>
<b>Cross Clamp Time (min)</b>	<b>31</b>
<b>Urine Output (ml)</b>	<b>10</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	31	35
<b>ARTERIAL PRESSURE</b>	55	60
<b>p<sup>H</sup></b>	7.44	7.50
<b>PCO<sub>2</sub></b>	32.5	33.1
<b>PO<sub>2</sub></b>	308	317
<b>BASE</b>	-1.5	2.5
<b>O<sub>2</sub> SATURATION</b>	98.2	97.5
<b>K<sup>+</sup></b>	4.7	4.4
<b>HAEMOGLOBIN</b>	8.1	8.0
<b>HCT</b>	25.3	24.8

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Parameswary M</b>
<b>Hospital Number</b>	<b>425441</b>
<b>Height (cm)</b>	<b>146</b>
<b>Weight (Kg)</b>	<b>46</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.36</b>
<b>Avg.Flow (L/min)</b>	<b>3.27</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MILD PAH</b>
<b>Surgeons</b>	<b>DrSivaprasad,DrNikhil</b>
<b>Perfusionist</b>	<b>Revathy,Sumayya</b>
<b>Oxygenator</b>	<b>DIDECO 905</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14</b>	<b>0.65</b>	<b>3.21</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1100</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1000ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>22</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>46</b>
<b>Cross Clamp Time (min)</b>	<b>18</b>
<b>Urine Output (ml)</b>	<b>200</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	35
<b>ARTERIAL PRESSURE</b>	60	65
<b>p<sup>H</sup></b>	7.45	7.44
<b>PCO<sub>2</sub></b>	30.2	31.0
<b>PO<sub>2</sub></b>	613	315
<b>BASE</b>	-2.2	0.6
<b>O<sub>2</sub> SATURATION</b>	98.2	99.0
<b>K<sup>+</sup></b>	4.2	4.0
<b>HAEMOGLOBIN</b>	8.9	8.3
<b>HCT</b>	24.6	25

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sandhya S</b>
<b>Hospital Number</b>	<b>396666</b>
<b>Height (cm)</b>	<b>142</b>
<b>Weight (Kg)</b>	<b>40.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.26</b>
<b>Avg.Flow (L/min)</b>	<b>3.03</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,NO PAH</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Karthik</b>
<b>Perfusionist</b>	<b>Revathy,Sumayya</b>
<b>Oxygenator</b>	<b>DIDECO 905</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14</b>	<b>0.98</b>	<b>3.9</b>	<b>14</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1000ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>20</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>22</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>39</b>
<b>Cross Clamp Time (min)</b>	<b>20</b>
<b>Urine Output (ml)</b>	<b>100</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	34
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.30	7.42
<b>PCO<sub>2</sub></b>	40.9	33.7
<b>PO<sub>2</sub></b>	306	271
<b>BASE</b>	-3.0	-2.1
<b>O<sub>2</sub> SATURATION</b>	99.9	100
<b>K<sup>+</sup></b>	3.3	3.2
<b>HAEMOGLOBIN</b>	9.1	9.3
<b>HCT</b>	28.1	29

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Ayana Rajeev</b>
<b>Hospital Number</b>	<b>406009</b>
<b>Height (cm)</b>	<b>114</b>
<b>Weight (Kg)</b>	<b>19.6</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.78</b>
<b>Avg.Flow (L/min)</b>	<b>2.04</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,NO PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrSudip,DrMahendra</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>15</b>	<b>0.52</b>	<b>3.1</b>	<b>13</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>500</b>	<b>20</b>	<b>20</b>	<b>100</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>450ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>18</b>	<b>20</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>67</b>
<b>Cross Clamp Time (min)</b>	<b>46</b>
<b>Urine Output (ml)</b>	<b>60</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	56	60
<b>p<sup>H</sup></b>	7.35	7.42
<b>PCO<sub>2</sub></b>	31.8	37.2
<b>PO<sub>2</sub></b>	180	180
<b>BASE</b>	-2.8	0.3
<b>O<sub>2</sub> SATURATION</b>	99	99.8
<b>K<sup>+</sup></b>	3.4	3.7
<b>HAEMOGLOBIN</b>	8.9	9.5
<b>HCT</b>	27	29.5

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Afreen M</b>
<b>Hospital Number</b>	<b>401230</b>
<b>Height (cm)</b>	<b>88</b>
<b>Weight (Kg)</b>	<b>10.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.50</b>
<b>Avg.Flow (L/min)</b>	<b>1.35</b>
<b>Procedure</b>	<b>SA VSD REPAIR+PAPVC REROUTING</b>
<b>Diagnosis</b>	<b>SA VSD,PAPVC OF RUPV,ADDITIONAL ASD</b>
<b>Surgeons</b>	<b>DrSudip,DrAbid</b>
<b>Perfusionist</b>	<b>Thaslim,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16</b>	<b>0.67</b>	<b>2.9</b>	<b>12</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>200ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>98</b>
<b>Cross Clamp Time (min)</b>	<b>40</b>
<b>Urine Output (ml)</b>	<b>50</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	55	60
<b>p<sup>H</sup></b>	7.40	7.38
<b>PCO<sub>2</sub></b>	35.9	40
<b>PO<sub>2</sub></b>	303	215
<b>BASE</b>	-1.9	0.8
<b>O<sub>2</sub> SATURATION</b>	100.3	100.1
<b>K<sup>+</sup></b>	3.9	3.8
<b>HAEMOGLOBIN</b>	9.2	10
<b>HCT</b>	28.6	30.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Fathima Naja M</b>
<b>Hospital Number</b>	<b>401805</b>
<b>Height (cm)</b>	<b>112.5</b>
<b>Weight (Kg)</b>	<b>15.2</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.68</b>
<b>Avg.Flow (L/min)</b>	<b>1.79</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OS ASD,MILD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrSoumya,DrMahendra</b>
<b>Perfusionist</b>	<b>Sujith,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16</b>	<b>0.63</b>	<b>3.1</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>400</b>	<b>20</b>	<b>20</b>	<b>150</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>350ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>20</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>56</b>
<b>Cross Clamp Time (min)</b>	<b>22</b>
<b>Urine Output (ml)</b>	<b>30</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	60	60
<b>p<sup>H</sup></b>	7.35	7.40
<b>PCO<sub>2</sub></b>	33.8	35.5
<b>PO<sub>2</sub></b>	199	258
<b>BASE</b>	-5.9	-2.4
<b>O<sub>2</sub> SATURATION</b>	99.6	99.3
<b>K<sup>+</sup></b>	3.4	3.4
<b>HAEMOGLOBIN</b>	10.3	9.7
<b>HCT</b>	31.9	30.0

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Prabeesh B P</b>
<b>Hospital Number</b>	<b>418538</b>
<b>Height (cm)</b>	<b>114</b>
<b>Weight (Kg)</b>	<b>17</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.73</b>
<b>Avg.Flow (L/min)</b>	<b>1.90</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>SVASD,PAPVC,GDLV,SR</b>
<b>Surgeons</b>	<b>DrSoumya,DrAbid</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>17</b>	<b>0.64</b>	<b>3.0</b>	<b>11.2</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>15</b>	<b>15</b>	<b>150</b>	<b>150</b>	<b>-</b>

<b>Cardioplegia</b>
<b>350ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>57</b>
<b>Cross Clamp Time (min)</b>	<b>42</b>
<b>Urine Output (ml)</b>	<b>50</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	35
<b>ARTERIAL PRESSURE</b>	55	58
<b>p<sup>H</sup></b>	7.46	7.44
<b>PCO<sub>2</sub></b>	31.8	33
<b>PO<sub>2</sub></b>	290	301
<b>BASE</b>	-0.5	1.0
<b>O<sub>2</sub> SATURATION</b>	100	101
<b>K<sup>+</sup></b>	4.1	3.9
<b>HAEMOGLOBIN</b>	10.2	11
<b>HCT</b>	31.4	33

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Muhammed Shan S</b>
<b>Hospital Number</b>	<b>368558</b>
<b>Height (cm)</b>	<b>117</b>
<b>Weight (Kg)</b>	<b>30</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.98</b>
<b>Avg.Flow (L/min)</b>	<b>2.56</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,NO PAH</b>
<b>Surgeons</b>	<b>DrSudip,DrMahendra</b>
<b>Perfusionist</b>	<b>Sujith,Sumayya</b>
<b>Oxygenator</b>	<b>Dideco 905</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>18</b>	<b>0.59</b>	<b>2.9</b>	<b>12</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>400</b>	<b>25</b>	<b>50</b>	<b>150</b>	<b>150</b>	<b>-</b>

<b>Cardioplegia</b>
<b>525ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>14</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>59</b>
<b>Cross Clamp Time (min)</b>	<b>34</b>
<b>Urine Output (ml)</b>	<b>25</b>

### **BYPASS DATA**

<b>TEMPERATURE</b>	34	36
<b>ARTERIAL PRESSURE</b>	56	58
<b>p<sup>H</sup></b>	7.58	7.50
<b>PCO<sub>2</sub></b>	25.9	27.2
<b>PO<sub>2</sub></b>	319	211
<b>BASE</b>	-1.4	-1.4
<b>O<sub>2</sub> SATURATION</b>	100	99.8
<b>K<sup>+</sup></b>	2.8	3.4
<b>HAEMOGLOBIN</b>	10	10
<b>HCT</b>	30.9	30.8

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Abhinandha U</b>
<b>Hospital Number</b>	<b>348418</b>
<b>Height (cm)</b>	<b>113</b>
<b>Weight (Kg)</b>	<b>16.3</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.71</b>
<b>Avg.Flow (L/min)</b>	<b>1.85</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MILD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrAbid,DrMahendra</b>
<b>Perfusionist</b>	<b>Thaslim,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>18</b>	<b>0.74</b>	<b>2.8</b>	<b>12</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>275ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>24(DLP)</b>	<b>20(DLP)</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>64</b>
<b>Cross Clamp Time (min)</b>	<b>23</b>
<b>Urine Output (ml)</b>	<b>50</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	58	63
<b>p<sup>H</sup></b>	7.44	7.41
<b>PCO<sub>2</sub></b>	33.9	32.1
<b>PO<sub>2</sub></b>	315	301
<b>BASE</b>	-0.4	0.2
<b>O<sub>2</sub> SATURATION</b>	100	100
<b>K<sup>+</sup></b>	5.2	4.8
<b>HAEMOGLOBIN</b>	10.3	10.5
<b>HCT</b>	31.7	33

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Karthiga B</b>
<b>Hospital Number</b>	<b>382474</b>
<b>Height (cm)</b>	<b>160</b>
<b>Weight (Kg)</b>	<b>62</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.65</b>
<b>Avg.Flow (L/min)</b>	<b>3.98</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MOD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrVarghese,Dr Simon</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity NT</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14</b>	<b>0.56</b>	<b>2.8</b>	<b>11</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100 ml,600 ml,300ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>105</b>
<b>Cross Clamp Time (min)</b>	<b>60</b>
<b>Urine Output (ml)</b>	<b>500</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	35
<b>ARTERIAL PRESSURE</b>	55	61
<b>p<sup>H</sup></b>	7.41	7.41
<b>PCO<sub>2</sub></b>	34.1	37.3
<b>PO<sub>2</sub></b>	327	315
<b>BASE</b>	-2.3	-0.5
<b>O<sub>2</sub> SATURATION</b>	100.2	99
<b>K<sup>+</sup></b>	4.5	5.0
<b>HAEMOGLOBIN</b>	9.9	9.2
<b>HCT</b>	30.5	28.6

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Suseela V</b>
<b>Hospital Number</b>	<b>31441</b>
<b>Height (cm)</b>	<b>158</b>
<b>Weight (Kg)</b>	<b>67.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.72</b>
<b>Avg.Flow (L/min)</b>	<b>4.10</b>
<b>Procedure</b>	<b>AVR</b>
<b>Diagnosis</b>	<b>RHD,SEV AS,SEV AR,MOD MR,GDLV,SR</b>
<b>Surgeons</b>	<b>DrBineesh,DrRenjith</b>
<b>Perfusionist</b>	<b>Sujith,Sumyya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16.3</b>	<b>0.58</b>	<b>3.1</b>	<b>12.5</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>500,600(Retrograde),500,300(RCA),750(LCA)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>-</b>	<b>-</b>	<b>32*40</b>

<b>Bypass Time (min)</b>	<b>76</b>
<b>Cross Clamp Time (min)</b>	<b>53</b>
<b>Urine Output (ml)</b>	<b>450</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	35
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.51	7.45
<b>PCO<sub>2</sub></b>	32.5	36.1
<b>PO<sub>2</sub></b>	412	251
<b>BASE</b>	3.4	2.8
<b>O<sub>2</sub> SATURATION</b>	100	100.4
<b>K<sup>+</sup></b>	3.0	4.0
<b>HAEMOGLOBIN</b>	11.4	11.4
<b>HCT</b>	35	35.2

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Vijayamma A G</b>
<b>Hospital Number</b>	<b>424481</b>
<b>Height (cm)</b>	<b>163</b>
<b>Weight (Kg)</b>	<b>60.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.65</b>
<b>Avg.Flow (L/min)</b>	<b>3.97</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,SEV PAH,GDLV,AF</b>
<b>Surgeons</b>	<b>DrSivapresad,DrDebhabrith</b>
<b>Perfusionist</b>	<b>Sujith,Sumayya</b>
<b>Oxygenator</b>	<b>Sorin Inspire</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14.7</b>	<b>0.99</b>	<b>3.6</b>	<b>12</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1100</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>	
<b>1100ml,300ml(Aortic Root)</b>	

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>24(DLP)</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>79</b>
<b>Cross Clamp Time (min)</b>	<b>44</b>
<b>Urine Output (ml)</b>	<b>750</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	34	36
<b>ARTERIAL PRESSURE</b>	48	55
<b>p<sup>H</sup></b>	7.39	7.35
<b>PCO<sub>2</sub></b>	32.8	34
<b>PO<sub>2</sub></b>	98.4	98.1
<b>BASE</b>	-4.4	0.8
<b>O<sub>2</sub> SATURATION</b>	98.6	99
<b>K<sup>+</sup></b>	4.3	4.0
<b>HAEMOGLOBIN</b>	8.4	10.3
<b>HCT</b>	26	30

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Arjun S</b>
<b>Hospital Number</b>	<b>377876</b>
<b>Height (cm)</b>	<b>102</b>
<b>Weight (Kg)</b>	<b>15.8</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.66</b>
<b>Avg.Flow (L/min)</b>	<b>2.24</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,NO PAH,SR</b>
<b>Surgeons</b>	<b>DrSudip,DrMahendra</b>
<b>Perfusionist</b>	<b>Thaslim,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12</b>	<b>0.40</b>	<b>3.9</b>	<b>13</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>320ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>45</b>
<b>Cross Clamp Time (min)</b>	<b>22</b>
<b>Urine Output (ml)</b>	<b>10</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.40	7.36
<b>PCO<sub>2</sub></b>	33.7	34
<b>PO<sub>2</sub></b>	330	276
<b>BASE</b>	-3.0	.04
<b>O<sub>2</sub> SATURATION</b>	100	100
<b>K<sup>+</sup></b>	3.4	3.5
<b>HAEMOGLOBIN</b>	12.1	12.6
<b>HCT</b>	33.2	34

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Vaisak M S</b>
<b>Hospital Number</b>	<b>405003</b>
<b>Height (cm)</b>	<b>97</b>
<b>Weight (Kg)</b>	<b>13.6</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.60</b>
<b>Avg.Flow (L/min)</b>	<b>1.44</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,NO PAH,AR</b>
<b>Surgeons</b>	<b>DrSoumya,DrMahendra</b>
<b>Perfusionist</b>	<b>Vivek,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.1</b>	<b>0.37</b>	<b>3.9</b>	<b>8</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>200</b>	<b>15</b>	<b>15</b>	<b>150</b>	<b>70</b>	<b>-</b>

<b>Cardioplegia</b>
<b>300ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>80</b>
<b>Cross Clamp Time (min)</b>	<b>38</b>
<b>Urine Output (ml)</b>	<b>400</b>

### **BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	60	55
<b>p<sup>H</sup></b>	7.36	7.39
<b>PCO<sub>2</sub></b>	42.9	40.4
<b>PO<sub>2</sub></b>	152	262
<b>BASE</b>	-0.7	0.1
<b>O<sub>2</sub> SATURATION</b>	99.3	99.9
<b>K<sup>+</sup></b>	3.9	4.4
<b>HAEMOGLOBIN</b>	11.3	10.1
<b>HCT</b>	34.7	31.2

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Afsana Fathima S S</b>
<b>Hospital Number</b>	<b>420079</b>
<b>Height (cm)</b>	<b>128</b>
<b>Weight (Kg)</b>	<b>23.4</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.912</b>
<b>Avg.Flow (L/min)</b>	<b>0.499</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,RA/RV VOLUME OVERLOAD</b>
<b>Surgeons</b>	<b>DrSudip,DrMahendra</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Capiox 10R</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.2</b>	<b>0.53</b>	<b>3.6</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>25</b>	<b>25</b>	<b>150</b>	<b>150</b>	<b>-</b>

<b>Cardioplegia</b>
<b>460ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>14</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>18</b>	<b>20</b>	

<b>Bypass Time (min)</b>	<b>85</b>
<b>Cross Clamp Time (min)</b>	<b>34</b>
<b>Urine Output (ml)</b>	<b>250</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	58	65
<b>p<sup>H</sup></b>	7.34	7.49
<b>PCO<sub>2</sub></b>	42.6	29.4
<b>PO<sub>2</sub></b>	300	223
<b>BASE</b>	-2.3	-0.7
<b>O<sub>2</sub> SATURATION</b>	98.9	98.9
<b>K<sup>+</sup></b>	4.7	4.8
<b>HAEMOGLOBIN</b>	8.6	8.8
<b>HCT</b>	26.8	27.2

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sreedharan R</b>
<b>Hospital Number</b>	<b>431607</b>
<b>Height (cm)</b>	<b>170</b>
<b>Weight (Kg)</b>	<b>48</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.50</b>
<b>Avg.Flow (L/min)</b>	<b>3.61</b>
<b>Procedure</b>	<b>AVR</b>
<b>Diagnosis</b>	<b>SEV CALC AS,MILD AR,CONC LVH,TRIV MR,SR,NC</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Shanu,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.4</b>	<b>1.20</b>	<b>4.5</b>	<b>16</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>(LCA 750,350) (RCA 500,250)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>-</b>	<b>-</b>	<b>36/46</b>

<b>Bypass Time (min)</b>	<b>84</b>
<b>Cross Clamp Time (min)</b>	<b>53</b>
<b>Urine Output (ml)</b>	<b>200</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	70	60
<b>p<sup>H</sup></b>	7.43	7.43
<b>PCO<sub>2</sub></b>	36.7	35.9
<b>PO<sub>2</sub></b>	229	244
<b>BASE</b>	0.8	-0.1
<b>O<sub>2</sub> SATURATION</b>	100.1	100.1
<b>K<sup>+</sup></b>	3.3	4.0
<b>HAEMOGLOBIN</b>	10.8	10.9
<b>HCT</b>	33.2	33.7

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Yohannan Jose</b>
<b>Hospital Number</b>	<b>208034</b>
<b>Height (cm)</b>	<b>159</b>
<b>Weight (Kg)</b>	<b>67</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.72</b>
<b>Avg.Flow (L/min)</b>	<b>4.12</b>
<b>Procedure</b>	<b>MVR</b>
<b>Diagnosis</b>	<b>RHD,SEV MS,MILD MR,AF</b>
<b>Surgeons</b>	<b>DrVarghese,DrMahendra</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13</b>	<b>1.27</b>	<b>4.0</b>	<b>14</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200,600(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>22</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>72</b>
<b>Cross Clamp Time (min)</b>	<b>54</b>
<b>Urine Output (ml)</b>	<b>-3</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	70	60
<b>p<sup>H</sup></b>	7.41	7.42
<b>PCO<sub>2</sub></b>	39.3	35.6
<b>PO<sub>2</sub></b>	228	219
<b>BASE</b>	0.4	-1.0
<b>O<sub>2</sub> SATURATION</b>	100.3	99.3
<b>K<sup>+</sup></b>	3.4	4.4
<b>HAEMOGLOBIN</b>	9.0	9.0
<b>HCT</b>	28.0	27.9

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Syed MydeenBeevi</b>
<b>Hospital Number</b>	<b>429411</b>
<b>Height (cm)</b>	<b>156</b>
<b>Weight (Kg)</b>	<b>58</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.58</b>
<b>Avg.Flow (L/min)</b>	<b>3.80</b>
<b>Procedure</b>	<b>142</b>
<b>Diagnosis</b>	<b>103</b>
<b>Surgeons</b>	<b>RHD,SEV MS,SEV AS,MOD MR,GDLV,SR,Hypothyroid</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.8</b>	<b>0.97</b>	<b>3.1</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>(750,400,400 LCA) (400,200,200 RCA)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>22</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>142</b>
<b>Cross Clamp Time (min)</b>	<b>103</b>
<b>Urine Output (ml)</b>	<b>1000</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	60	70
<b>p<sup>H</sup></b>	7.36	7.39
<b>PCO<sub>2</sub></b>	40.3	37.8
<b>PO<sub>2</sub></b>	214	254
<b>BASE</b>	-2.0	-1.8
<b>O<sub>2</sub> SATURATION</b>	100.4	100.3
<b>K<sup>+</sup></b>	4.3	4.4
<b>HAEMOGLOBIN</b>	10.8	11.5
<b>HCT</b>	33.4	35.5

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Bhadran D</b>
<b>Hospital Number</b>	<b>426135</b>
<b>Height (cm)</b>	<b>161</b>
<b>Weight (Kg)</b>	<b>59</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.62</b>
<b>Avg.Flow (L/min)</b>	<b>3.89</b>
<b>Procedure</b>	<b>AVR</b>
<b>Diagnosis</b>	<b>SEV CAL AS,MILD AR,SEV LVD,NC,ASC AORTIC</b>
<b>Surgeons</b>	<b>DrVarghese,DrParithosh</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.3</b>	<b>0.97</b>	<b>4.0</b>	<b>16</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>(700,350 LCA)(500,250 RCA)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>-</b>	<b>-</b>	<b>32/40</b>

<b>Bypass Time (min)</b>	<b>125</b>
<b>Cross Clamp Time (min)</b>	<b>76</b>
<b>Urine Output (ml)</b>	<b>800</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	50	50
<b>p<sup>H</sup></b>	7.60	7.54
<b>PCO<sub>2</sub></b>	25.8	30.0
<b>PO<sub>2</sub></b>	316	298
<b>BASE</b>	3.5	2.0
<b>O<sub>2</sub> SATURATION</b>	100	100
<b>K<sup>+</sup></b>	4.1	4.2
<b>HAEMOGLOBIN</b>	11.8	12
<b>HCT</b>	36	36.2

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Maimoona V</b>
<b>Hospital Number</b>	<b>427350</b>
<b>Height (cm)</b>	<b>163</b>
<b>Weight (Kg)</b>	<b>36</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.27</b>
<b>Avg.Flow (L/min)</b>	<b>3.06</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OSASD,MILD PAH,PAROX AF</b>
<b>Surgeons</b>	<b>DrSivaPresad,DrAbid</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Sorin Inspire</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13</b>	<b>0.99</b>	<b>4.12</b>	<b>14</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1000 ml Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>24</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>68</b>
<b>Cross Clamp Time (min)</b>	<b>24</b>
<b>Urine Output (ml)</b>	<b>300</b>

### BYPASS DATA

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.39	7.54
<b>PCO<sub>2</sub></b>	30	33
<b>PO<sub>2</sub></b>	283	336
<b>BASE</b>	-6.1	-5.5
<b>O<sub>2</sub> SATURATION</b>	100.4	100.8
<b>K<sup>+</sup></b>	4.2	4.1
<b>HAEMOGLOBIN</b>	7.7	7.1
<b>HCT</b>	24	22.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Karthika S</b>
<b>Hospital Number</b>	<b>425330</b>
<b>Height (cm)</b>	<b>151</b>
<b>Weight (Kg)</b>	<b>51</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.46</b>
<b>Avg.Flow (L/min)</b>	<b>3.50</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,GDLV,SR</b>
<b>Surgeons</b>	<b>DrSivaPresad,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Shanu,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>11.1</b>	<b>0.67</b>	<b>3.6</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100 ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>20(DLP)</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>40</b>
<b>Cross Clamp Time (min)</b>	<b>15</b>
<b>Urine Output (ml)</b>	<b>30</b>

## **BYPASS DATA**

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.37	7.44
<b>PCO<sub>2</sub></b>	41.1	34.5
<b>PO<sub>2</sub></b>	288	281
<b>BASE</b>	-1.1	-0.6
<b>O<sub>2</sub> SATURATION</b>	100	98.6
<b>K<sup>+</sup></b>	4.0	4.3
<b>HAEMOGLOBIN</b>	8.6	9.6
<b>HCT</b>	26.8	29.6

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Gopi J</b>
<b>Hospital Number</b>	<b>432132</b>
<b>Height (cm)</b>	<b>157</b>
<b>Weight (Kg)</b>	<b>50</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.47</b>
<b>Avg.Flow (L/min)</b>	<b>3.54</b>
<b>Procedure</b>	<b>MVR</b>
<b>Diagnosis</b>	<b>RHD,SEV MS,MILD MR,CAL VALVE,GDLV</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Karthik</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12</b>	<b>0.84</b>	<b>3.5</b>	<b>12</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100,600(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>112</b>
<b>Cross Clamp Time (min)</b>	<b>65</b>
<b>Urine Output (ml)</b>	<b>160</b>

## **BYPASS DATA**

<b>TEMPERATURE</b>	27	36
<b>ARTERIAL PRESSURE</b>	60	65
<b>p<sup>H</sup></b>	7.24	7.48
<b>PCO<sub>2</sub></b>	32.7	29.2
<b>PO<sub>2</sub></b>	357	321
<b>BASE</b>	-2.7	-1.0
<b>O<sub>2</sub> SATURATION</b>	100.6	100.6
<b>K<sup>+</sup></b>	3.4	4.1
<b>HAEMOGLOBIN</b>	9.6	10.4
<b>HCT</b>	29.7	32.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sobhitha M</b>
<b>Hospital Number</b>	<b>24872</b>
<b>Height (cm)</b>	<b>150</b>
<b>Weight (Kg)</b>	<b>62</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.60</b>
<b>Avg.Flow (L/min)</b>	<b>3.85</b>
<b>Procedure</b>	<b>MVR</b>
<b>Diagnosis</b>	<b>RHD,SEV MR,MOD MS,MOD PAH,GDLV,SR</b>
<b>Surgeons</b>	<b>DrBineesh,DrAbid</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.7</b>	<b>4.1</b>	<b>3.7</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>	
<b>1200,600,350(Aortic Root)</b>	

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>102</b>
<b>Cross Clamp Time (min)</b>	<b>67</b>
<b>Urine Output (ml)</b>	<b>350</b>

### BYPASS DATA

<b>TEMPERATURE</b>	34	36
<b>ARTERIAL PRESSURE</b>	60	70
<b>p<sup>H</sup></b>	7.33	7.39
<b>PCO<sub>2</sub></b>	38.4	37.6
<b>PO<sub>2</sub></b>	273	264
<b>BASE</b>	-3.9	-1.1
<b>O<sub>2</sub> SATURATION</b>	99.9	99.9
<b>K<sup>+</sup></b>	4.8	4.7
<b>HAEMOGLOBIN</b>	13.6	12.6
<b>HCT</b>	41.9	38.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sivadasan R</b>
<b>Hospital Number</b>	<b>434334</b>
<b>Height (cm)</b>	<b>161</b>
<b>Weight (Kg)</b>	<b>71</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.78</b>
<b>Avg.Flow (L/min)</b>	<b>4.27</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OSASD,MOD PAH,GDLV,SR,NC</b>
<b>Surgeons</b>	<b>Dr Siva Presad,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Maya,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>16.2</b>	<b>1.0</b>	<b>3.8</b>	<b>6</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200,300(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>96</b>
<b>Cross Clamp Time (min)</b>	<b>57</b>
<b>Urine Output (ml)</b>	<b>300</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	36
<b>ARTERIAL PRESSURE</b>	60	65
<b>p<sup>H</sup></b>	7.40	7.47
<b>PCO<sub>2</sub></b>	31.3	29.2
<b>PO<sub>2</sub></b>	340	289
<b>BASE</b>	-4.5	-2.0
<b>O<sub>2</sub> SATURATION</b>	100.2	100.4
<b>K<sup>+</sup></b>	4.2	4.1
<b>HAEMOGLOBIN</b>	10.7	10.3
<b>HCT</b>	33.0	31.8

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>HaripriyaM.S</b>
<b>Hospital Number</b>	<b>379413</b>
<b>Height (cm)</b>	<b>160</b>
<b>Weight (Kg)</b>	<b>47</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.44</b>
<b>Avg.Flow (L/min)</b>	<b>3.46</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,MILD PAH,SR</b>
<b>Surgeons</b>	<b>DrSivaPresad,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Shanu,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.9</b>	<b>0.73</b>	<b>3.3</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>28</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>82</b>
<b>Cross Clamp Time (min)</b>	<b>35</b>
<b>Urine Output (ml)</b>	<b>650</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	34	36
<b>ARTERIAL PRESSURE</b>	60	50
<b>p<sup>H</sup></b>	7.43	7.41
<b>PCO<sub>2</sub></b>	31.8	29.0
<b>PO<sub>2</sub></b>	263	249
<b>BASE</b>	-2.3	0.9
<b>O<sub>2</sub> SATURATION</b>	97.5	99
<b>K<sup>+</sup></b>	3.0	3.2
<b>HAEMOGLOBIN</b>	8.9	9.0
<b>HCT</b>	27.7	28

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sreelekshmi Mohan C</b>
<b>Hospital Number</b>	<b>421911</b>
<b>Height (cm)</b>	<b>159</b>
<b>Weight (Kg)</b>	<b>42.5</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.37</b>
<b>Avg.Flow (L/min)</b>	<b>3.28</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,GDLV,SR</b>
<b>Surgeons</b>	<b>DrSivaPresad,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Sorin Inspire</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>9.9</b>	<b>2.9</b>	<b>3.1</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>24</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>42</b>
<b>Cross Clamp Time (min)</b>	<b>26</b>
<b>Urine Output (ml)</b>	<b>40</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	33	36
<b>ARTERIAL PRESSURE</b>	55	60
<b>p<sup>H</sup></b>	7.38	7.43
<b>PCO<sub>2</sub></b>	35	34.3
<b>PO<sub>2</sub></b>	365	234
<b>BASE</b>	-3.6	-1.1
<b>O<sub>2</sub> SATURATION</b>	100.3	100.1
<b>K<sup>+</sup></b>	4.9	4.5
<b>HAEMOGLOBIN</b>	8.8	8.4
<b>HCT</b>	27.3	26.3

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Suharban Ibrahim A</b>
<b>Hospital Number</b>	<b>394517</b>
<b>Height (cm)</b>	<b>154</b>
<b>Weight (Kg)</b>	<b>74</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.77</b>
<b>Avg.Flow (L/min)</b>	<b>4.26</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,LARGE OSASD,MOD PAH,BA</b>
<b>Surgeons</b>	<b>DrSimon,DrMahendra</b>
<b>Perfusionist</b>	<b>Lekshmi,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.6</b>	<b>0.87</b>	<b>4.1</b>	<b>11</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>82</b>
<b>Cross Clamp Time (min)</b>	<b>41</b>
<b>Urine Output (ml)</b>	<b>450</b>

## **BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	55	65
<b>p<sup>H</sup></b>	7.51	7.48
<b>PCO<sub>2</sub></b>	29.2	27.4
<b>PO<sub>2</sub></b>	408	331
<b>BASE</b>	0.4	-2.4
<b>O<sub>2</sub> SATURATION</b>	100.5	100.4
<b>K<sup>+</sup></b>	4.4	4.3
<b>HAEMOGLOBIN</b>	6.0	7.4
<b>HCT</b>	19	23.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Anishma M</b>
<b>Hospital Number</b>	<b>395254</b>
<b>Height (cm)</b>	<b>152</b>
<b>Weight (Kg)</b>	<b>44</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.36</b>
<b>Avg.Flow (L/min)</b>	<b>3.27</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,GDLV</b>
<b>Surgeons</b>	<b>DrSimon,DrParithosh</b>
<b>Perfusionist</b>	<b>Shanu,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>10.9</b>	<b>0.76</b>	<b>4.3</b>	<b>10</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1000ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>28</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>46</b>
<b>Cross Clamp Time (min)</b>	<b>33</b>
<b>Urine Output (ml)</b>	<b>300</b>

### BYPASS DATA

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.41	7.45
<b>PCO<sub>2</sub></b>	34.7	31.9
<b>PO<sub>2</sub></b>	109	310
<b>BASE</b>	-2.2	-1.0
<b>O<sub>2</sub> SATURATION</b>	98.5	99.9
<b>K<sup>+</sup></b>	3.8	3.5
<b>HAEMOGLOBIN</b>	9.8	10
<b>HCT</b>	30.5	31.0

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Mahalekshmi S</b>
<b>Hospital Number</b>	<b>417910</b>
<b>Height (cm)</b>	<b>114</b>
<b>Weight (Kg)</b>	<b>15</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>0.68</b>
<b>Avg.Flow (L/min)</b>	<b>1.79</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>OSASD,GDLV,SR,NO PAH</b>
<b>Surgeons</b>	<b>DrSowmya,Dr Nikhil</b>
<b>Perfusionist</b>	<b>Thaslim,Sumayya</b>
<b>Oxygenator</b>	<b>Lilliput</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.4</b>	<b>0.54</b>	<b>3.3</b>	<b>8</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>300</b>	<b>15</b>	<b>15</b>	<b>100</b>	<b>100</b>	<b>-</b>

<b>Cardioplegia</b>
<b>300ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>12</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>16</b>	<b>18</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>96</b>
<b>Cross Clamp Time (min)</b>	<b>45</b>
<b>Urine Output (ml)</b>	<b>5</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	55	60
<b>p<sup>H</sup></b>	7.45	7.41
<b>PCO<sub>2</sub></b>	32.3	33
<b>PO<sub>2</sub></b>	318	259
<b>BASE</b>	-1.8	100.3
<b>O<sub>2</sub> SATURATION</b>	100.3	100
<b>K<sup>+</sup></b>	4.0	3.8
<b>HAEMOGLOBIN</b>	11.4	11.5
<b>HCT</b>	35	36

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Rajesh K B</b>
<b>Hospital Number</b>	<b>419797</b>
<b>Height (cm)</b>	<b>170</b>
<b>Weight (Kg)</b>	<b>60</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.68</b>
<b>Avg.Flow (L/min)</b>	<b>4.03</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,GDLV</b>
<b>Surgeons</b>	<b>DrVarghese,DrAbid</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14.3</b>	<b>1.3</b>	<b>4.1</b>	<b>8</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1000</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200 ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>24</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>82</b>
<b>Cross Clamp Time (min)</b>	<b>35</b>
<b>Urine Output (ml)</b>	<b>100</b>

### BYPASS DATA

<b>TEMPERATURE</b>	30	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.43	7.40
<b>PCO<sub>2</sub></b>	34.6	39.0
<b>PO<sub>2</sub></b>	344	328
<b>BASE</b>	-1.1	-0.2
<b>O<sub>2</sub> SATURATION</b>	100.1	100.1
<b>K<sup>+</sup></b>	3.9	4.8
<b>HAEMOGLOBIN</b>	8.9	10.2
<b>HCT</b>	27.6	31.5

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Sarojini C</b>
<b>Hospital Number</b>	<b>426555</b>
<b>Height (cm)</b>	<b>143</b>
<b>Weight (Kg)</b>	<b>50</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.40</b>
<b>Avg.Flow (L/min)</b>	<b>3.38</b>
<b>Procedure</b>	<b>MVR</b>
<b>Diagnosis</b>	<b>RHD,SEV MS,MOD PAH,HTN,DM</b>
<b>Surgeons</b>	<b>DrBineesh,Dr Manfred</b>
<b>Perfusionist</b>	<b>Rijesh,Sumayya</b>
<b>Oxygenator</b>	<b>Quadroxi</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>13.2</b>	<b>1.08</b>	<b>3.5</b>	<b>9</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1100</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1000ml,600ml (Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>20</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>75</b>
<b>Cross Clamp Time (min)</b>	<b>51</b>
<b>Urine Output (ml)</b>	<b>200</b>

**BYPASS DATA**

<b>TEMPERATURE</b>	32	36
<b>ARTERIAL PRESSURE</b>	50	55
<b>p<sup>H</sup></b>	7.31	7.40
<b>PCO<sub>2</sub></b>	49.8	41.7
<b>PO<sub>2</sub></b>	109	253
<b>BASE</b>	-1.7	1.4
<b>O<sub>2</sub> SATURATION</b>	97.7	100.2
<b>K<sup>+</sup></b>	4.5	4.6
<b>HAEMOGLOBIN</b>	12.1	10.4
<b>HCT</b>	37	32.1

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Santeesh K</b>
<b>Hospital Number</b>	<b>394406</b>
<b>Height (cm)</b>	<b>170</b>
<b>Weight (Kg)</b>	<b>54</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.59</b>
<b>Avg.Flow (L/min)</b>	<b>3.80</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD</b>
<b>Surgeons</b>	<b>DrBineesh,DrSirish</b>
<b>Perfusionist</b>	<b>Maya,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>14.6</b>	<b>1.05</b>	<b>4.1</b>	<b>7</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1100ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>28</b>	<b>30</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>59</b>
<b>Cross Clamp Time (min)</b>	<b>35</b>
<b>Urine Output (ml)</b>	<b>50</b>

### BYPASS DATA

<b>TEMPERATURE</b>	33	36
<b>ARTERIAL PRESSURE</b>	50	60
<b>p<sup>H</sup></b>	7.45	7.51
<b>PCO<sub>2</sub></b>	32.5	33.0
<b>PO<sub>2</sub></b>	266	258
<b>BASE</b>	-1.1	0.8
<b>O<sub>2</sub> SATURATION</b>	100.3	100.3
<b>K<sup>+</sup></b>	4.0	4.2
<b>HAEMOGLOBIN</b>	8.0	9.2
<b>HCT</b>	24.9	28

**PERFUSION DATA****PATIENT DETAILS :-**

<b>Name</b>	<b>Seena S</b>
<b>Hospital Number</b>	<b>233820</b>
<b>Height (cm)</b>	<b>154</b>
<b>Weight (Kg)</b>	<b>56</b>
<b>B.S.A (m<sup>2</sup>)</b>	<b>1.54</b>
<b>Avg.Flow (L/min)</b>	<b>3.69</b>
<b>Procedure</b>	<b>ASD CLOSURE</b>
<b>Diagnosis</b>	<b>ACHD,OSASD,GDLV,NO PAH</b>
<b>Surgeons</b>	<b>DrSimon,DrSirish</b>
<b>Perfusionist</b>	<b>Don,Sumayya</b>
<b>Oxygenator</b>	<b>Affinity</b>

<b>Preoperative</b>	<b>Hb (g%)</b>	<b>Creatinine(mg/dl)</b>	<b>K<sup>+</sup></b>	<b>Urea/Nitrogen</b>
	<b>12.3</b>	<b>0.99</b>	<b>3.8</b>	<b>8</b>

<b>Prime (ml)</b>	<b>Ringer</b>	<b>Mannitol</b>	<b>NaHCO<sub>3</sub></b>	<b>Blood</b>	<b>FFP</b>	<b>Albumin</b>
	<b>1200</b>	<b>50</b>	<b>50</b>	<b>-</b>	<b>-</b>	<b>-</b>

<b>Cardioplegia</b>
<b>1200ml(Aortic Root)</b>

<b>Cannula (Fr)</b>			
<b>Arterial</b>	<b>Venous</b>		
<b>21</b>	<b>SVC</b>	<b>IVC</b>	<b>RA</b>
	<b>30</b>	<b>32</b>	<b>-</b>

<b>Bypass Time (min)</b>	<b>65</b>
<b>Cross Clamp Time (min)</b>	<b>34</b>
<b>Urine Output (ml)</b>	<b>400</b>

