

**SREE CHITRA THIRUNAL INSTITUTE FOR
MEDICAL SCIENCES AND TECHNOLOGY
(An Institute of National Importance)
THIRUVANANTHAPURAM, KERALA- 695011**



**LOG BOOK
LIST OF PROCEDURES DONE
MANU.P
DIPLOMA IN CLINICAL PERFUSION
DEPARTMENT OF CVTS
2014-2015**

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 center 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 Mr.MANU.P hereby declare that I have performed all procedures listed under report.

Place: Thiruvananthapuram

Signature :.....

Date:

Name : MANU.P

Forwarded, he has carried out the minimum requiremnt of the procedures.

Signature:.....

Head of the Department,CVTS

SCTIMST, 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.

I would like to thank **Dr.Baiju.S.Dharan, Dr.Vivek Pillai, Dr.Varghese.T.Panicker, Dr.Thomas Mathew, Dr.Sabarinath Menon** and **Dr.Bineesh** who had given a kind attention towards me.

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

I thank the director of the institute **Dr.Asha Kishore**, Dean **Dr.Suresh Nair** 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.

MANU.P

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CASES OBSERVED

SL No	PATIENT'S ID	DIAGNOSIS	PROCEDURES	SURGEONS	PERFUSIONIST	ITEMS USED	Wt. (Kg)	BSA (m ²)	CPB TIME (min)	CROSS CLAMP TIME (min)
1	Sajeevan 369755	CAD, TVD, GD LV, DM, SR	CABG	Dr.Vivek Dr.Sivaprasad	Shanu Manu	D.Evo ALF BCDS	70	1.74	116	67
2	Gopalakrishnan 371722	CAD, TVD, SEV LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	D.Evo ALF	48.5	1.46	96	41
3	Parthasaradhi 371115	CAD, TVD, FAIR LV, MILD MR, DM, DLP	CABG	Dr.Jayakumar Dr.Vivek	Sujith Manu	D.Evo ALF	53.7	1.56	150	68
4	Chathu 363697	SEV CAL AS, MILD AR, GD LV	AVR	Dr.Varghese Dr.Idhrees	Shanu Manu	D.Evo ALF BCDS	47.5	1.30	172	112
5	Kaladharan 372541	SEV AR, CAL AS, MILD MR, NC	AVR	Dr.Vivek Dr.Ashok	Maya Manu	D.Evo ALF BCDS	70	1.79	82	56
6	Babu Daniel 372451	CAD, TVD, AWMI, MOD LVD, DM	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	D.Evo ALF	74	1.85	76	40
7	Ayyapan 366297	CAD, DVD, IWMI, MILD AR, DLP	CABG	Dr.Jayakumar Dr.Vivek	Maya Manu	D.Evo ALF	60	1.63	101	71
8	Babu Thomas 368376	SEV MR, MOD MS, MOD LVD, AF	MVR	Dr. Praveen Dr.Sudheep	Shanu Manu	D.Evo ALF BCDS	64	1.69	219	149
9	Kumaran 271081	RHD, MOD MS, SEV AR, GD LV	DVR	Dr.Praveen Dr.Ashok	Don Manu	D.Evo ALF	60	1.65	82	44

10	Purushothaman 236701	RHD, S/P BMV, CAL MS, SEV PAH	MVR	Dr.Vivek Dr.Sivapradad	Maya Manu	D.Evo ALF BCDS	64.2	1.74	115	90
11	Christhu Das 369792	CAD, TVD, IWMI, GD LV, DM	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	D.Evo ALF	51.5	1.53	133	52
12	Ajnama Thanve 369506	CAL MS, SEV MR, MILD TR, FAIR LV	MVR	Dr.Praveen Dr.Ashok	Shanu Manu	D.Evo ALF BCDS	43.2	1.39	62	43
13	Adhil Krishna 357839	CCHD.SI,LC,DORV,B/L SVC,OS ASD	LPA Plasty+BT Shunt	Dr.Sabarinath Dr.Ananthu	Monsy Manu	Baby Rx	7	0.36	127	-
14	Samdev 367970	ACHD, SP VSD, MILD AR, SR	VSD Closure	Dr.Thomas Dr.Sujih	Thaslim Manu	Baby Rx PBCDS	4.1	0.25	63	36
15	Sreehari 371682	DTGA,INTACT IVS AORT,SR,P/BAS	ASO+VSD Closure	Dr.Baiju Dr.kalmath	Monsy Manu	BabyRX PBCDS HC(i)	3	0.20	338	218
16	Betsin 373733	CCHD,C-TAPVC, RESTRICTIVE ASD,MOD PAH,SR,NC	TAPVC Repair	Dr.Baiju Dr.Kalmath	Monsy Manu	BabyRX PBCDS HC(i)	4.1	0.24	129	64
17	Anuranj 335836	CCHD, TOF, GD PA, SR, NC	ICR	Dr.Baiju Dr.Kalmath	Monsy Manu	D.902 PBCDS	10	0.47	77	54
18	Adithyan 330252	SA VSD, SEV PAH, MILD INFUNDIBULAR AR	VSD Closure	Dr.Sabarinath Dr.Ananthu	Thaslim Manu	Capiox SX	15	0.65	101	36
19	Somarajan 356415	CAD, TVD, GD LV, SR, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	66.7	1.74	194	-
20	Thankamani 365221	CAD, TVD, MOD LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	52	1.50	97	44

21	Prabhakaran 371462	CAD, TVD, FAIR LV, MILD AR, DM	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	56	1.63	95	50
22	Mohanan 368439	CAD, TVD, MILD TO MOD LVD, AWTMI, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Mau	Affinity ALF	61	1.67	131	35
23	Suresh 373578	CAD, TVD, MOD LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Vivek	Don Manu	Affinity ALF	73.4	1.88	105	54
24	Remanan 355572	SEV CAL AS, MOD AR, MILD TR, DM	AVR	Dr.Varghese Dr.Idhrees	Prashanth Manu	Affinity ALF BCDS	69	1.82	123	64
25	Nagulu 373603	MARFAN'S SYND,ANNULO AO ECTASIA,SEV AR	Bentall's Procedure	Dr.Jayakumar Dr.Vivek	Don Manu	Affinity ALF BCDS	57	1.74	173	114
26	Karunakaran 366994	CAD, TVD, GDLV, SR, DM	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	58.5	1.66	151	63
27	Shirley 32284	SEV MR, CAL MS, RHD, NC	MVR	Dr.Praveen Dr.Kalmath	Don Manu	Affinity ALF BCDS	54	1.50	60	44
28	Muhsin 365343	ACHD, OS ASD, MILD PAH	ASD Closure	Dr.Varghese Dr.Idhrees	Shanu Manu	Affinity ALF	52	1.54	67	29
29	Ayyappan 354913	CCHD, DTGA, IVS, ASD, P/BAS, SEV PAH,SR	Senning's Procedure	Dr.Baiju Dr.Ananthu	Thaslim Manu	A.Pixie PBCDS HC(i)	7	0.36	180	139
30	Ardra 373561	DTGA, CCHD, IVS, REGRESSING LV, ASD	ASO	Dr.Baiju Dr.Sabarinath	Monsy Manu	BabyRX PBCDS HC(i)	2.9	0.20	224	130
31	Ashraf 227463	ACHD,SPVSD,MOD AR,SR,NC	VSD Closure AV Repair	Dr.Thomas Dr.Ananthu	Thaslim Manu	D.905 BCDS	20	0.83	213	181

32	Athish 351422	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Thomas Dr.Kalmath	Thaslim Manu	A.Pixie PBCDS	8.1	0.40	401	33
33	Joel 345973	CCHD,TOF,GD PA,SR,NC,GDLV	ICR	Dr.Sabarinath Dr.Ananthu	Thaslim Manu	A.Pixie PBCDS	8.1	0.42	184	133
34	Omana 366191	SEV AR, MOD AS, GD LV	AVR	Dr.Praveen Dr.Idhrees	Don Manu	Affinity ALF BCDS	63.5	1.61	104	72
35	Padmakumar 196017	CAD, TVD, MOD LVD, SR	CABG	Dr.Vivek Dr.Sivaprasad	Sujith Manu	Affinity ALF BCDS	48	1.42	106	66
36	Fathima Shahan 363678	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Baiju Dr.Ananthu	Sujith Manu	D.905 PBCDS	33	1.16	149	109
37	Kavitha 240909	CCHD,TOF,GD PA,SR,NC,GDLV	ICR	Dr.Baiju Dr.Ananthu	Thaslim Manu	D.905 BCDS	43	1.38	201	170
38	Akash 344639	CCHD,C-TAPVC, RESTRICTIVE ASD,MOD PAH,SR,NC	TAPVC Repair	Dr.Sabarinath Dr.Kalmath	Sujith Manu	A.pixie PBCDS	10.5	0.49	159	68
39	Aswin 370408	ACHD,SPVSD,MOD AR,SR,NC	VSD Closure	Dr.Baiju Dr.Sabarinath	Thaslim Manu	Baby Rx PBCDS	6	0.33	132	95
40	M.Shifin 353172	CCHD,TOF,GD PA,SR,NC,GDLV	ICR	Dr.Thomas Dr.Ananthu	Monsy Manu	A.pixie PBCDS HC(i)	8	0.40	106	75
41	Vismaya 357967	ACHD,OS ASD,GDLV,SR	ASD Closure	Dr.Sabarinath Dr.Kalmath	Thaslim Manu	D.905	42	0.12	50	19
42	Abdul latheef 359154	CAD, TVD, GD LV, SR, DM, HTN	CABG	Dr.Vivek Dr.Sivaprasad	Prashanth Manu	Affinity ALF BCDS	54	1.56	113	89

43	Vijesh 363360	CCHD,TOF,GD PA,SR,NC,GDLV	ICR	Dr.Sabarinath Dr.Idhrees	Monsy Manu	D.905 PBCDS	22.5	0.96	203	128
44	Soorya 334718	ACHD,OS ASD,MILD PAH	ASD	Dr.Sabarinath Dr.Kalmath	Thaslim Manu	Capiox SX	14	0.63	79	37
45	Abjith 369037	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Baiju Dr.Sabarinath	Thaslim Manu	BabyRX PBCDS HC(i)	3.7	0.23	206	126
46	Abhinanth 374556	ACHD,SAVSD,SMALL PDA,MOD PAH	VSD	Dr.Sabarinath Dr.Kalmath	Sujith Manu	Baby RX PBCDS	4.7	0.27	67	52
47	Adhina mol 358086	PA IVS,PDA DEP PULM CIRC,S/P PDA	B/L BDG	Dr.Thomas Dr.Kalmath	Monsy Manu	A.Pixie	6.2	0.33	170	48
48	Rajeswary 361230	ACHD,SAVSD,SMALL PDA,MOD PAH	VSD	Dr.Sabarinath Dr.Idhrees	Monsy Manu	Affinity BCDS	50	1.45	123	100
49	Kumaran potty 373436	CAD,SVD, SEV MS, GD LV, DM	MVR+CABG	Dr.Vivek Dr.Sudheep	Prashanth Manu	Affinity ALF BCDS	56.5	1.63	106	64
50	Sreejesh 371765	ACHD,SPVSD,MOD AR,SR,NC	VSD	Dr.Sabarinath Dr.Kalmath	Sujith Manu	A.Pixie PBCDS	8	0.39	63	46

CASES ASSISTED

1	Sivarna veena 369126	ACHD,OS ASD, MILD PAH,GD LV	ASD Closure	Dr.Sabarinath	Monsy Manu	Dideco 902	16	0.71	90	21
2	B/O Shani 376055	CCHD,C-TAPVC, RESTRICTIVE ASD,MOD PAH,SR,NC	TAPVC Repair	Dr.Thomas Dr.Ananthu	Monsy Manu	Baby RX PBCDS HC	4.9	0.27	74	42
3	Muhammed Kaif 349095	DIL LV,SV,MILD TR,SEV PS	Atrial Septectomy + BDG	Dr.Sabarinath Dr.Kalmath	Thaslim Manu	Baby RX	5.9	0.31	68	8
4	Ananya Suresh 384698	ACHD,OSASD,NO PAH	ASD Closure	Dr.Sabarinath Dr.Kalmath	Monsy Manu	Dideco 902	17.5	0.75	69	20
5	Farvia Basri 337674	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD Closure	Dr.Sabarinath Dr.Kalmath	Monsy Manu	CXSX10 PBCDS	12.5	0.56	52	55
6	Gopika 368796	SA VSD,MILD INFUNDIBULAR AR, HYPERKINETIC PAH	VSD Closure	Dr.Thomas	Thaslim Manu	Baby RX PBCDS	6.3	0.32	50	32
7	Naswa 373698	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD Closure	Dr.Sabarinath Dr.Ananthu	Thaslim Manu	Baby RX PBCDS	4.3	0.26	131	113
8	Hilari 8701606	RHD, SEV MS, AO ROOT DILATION, DLP	MVR + Aneurysm Repair	Dr.Varghese Dr.Ananthu	Shanu Manu	Affinity BCDS	58	1.46	150	89
9	B/O Sandhya 374456	DTGA,CCHD,IVS, REGRESSING LV,ASD,PDA,SR	ASO	Dr.Baiju Dr.Sabarinath	Monsy Manu	Baby RX PBCDS HC	2.7	0.18	210	124
10	Raveendran Pillai	CAD, TVD, FAIR LV, DM, DLP	CABG	Dr.Jayakumar Dr.Sivaprasad	Don Manu	Affinity ALF	57	1.66	99	66

11	Velu.k 682570	SEV CAL AS, MILD AR, GD LV	AVR	Dr.Bineesh Dr.Kalmath	Prashanth Manu	Affinity ALF BCDS	80.5	1.92	130	76
12	Padmakumari 370459	SEV CAL AS, MOD AR, MILD MR, SR	AVR	Dr.Bineesh Dr.Ananthu	Don Manu	Affinity ALF BCDS	40	1.29	104	65
13	Thankamani 370459	CAD, TVD, MILD LVD, DM, DLP	CABG	Dr.Praveen Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	65	1.66	98	77
14	Nanci John 374940	RHD, SEV MR, SEV CAL AS, AF,NC	DVR	Dr.Varghese Dr.Sudheep	Maya Manu	Affinity ALF BCDS	54	1.51	147	106
15	Stella.K 325423	MOD MR, CAL MS, MILD LVD, DM	MVR	Dr.Praveen Dr.Kalmath	Prashanth Manu	Affinity ALF BCDS	42	1.31	79	58
16	Veerankutty.CP 374090	DIL ROOT OF AO,MOD AS,SEV AR,MOD MR	Bentall's Procedure	Dr.Jayakumar Dr.Varghese	Don Manu	Affinity ALF BCDS	51.5	1.55	115	80
17	Saradha.C 370505	CAD, TVD, GD LV, HTN, DM, DLP	CABG	Dr.Praveen Dr.Ananthu	Prashanth Manu	Affinity ALF BCDS	43.8	1.31	105	86
18	Pradeep Kumar 374264	MOD MR, RHD, GD LV,DM,HTN	MV Repair	Dr.Praveen Dr.Kalmath	Prashanth Manu	Affinity ALF BCDS	55	1.52	134	108
19	Purushothaman 202042	CAD, TVD, MOD LVD, SR,DM, HTN	CABG	Dr.Vivek Dr.Varghese	Maya Manu	Affinity ALF BCDS	55	1.59	122	67
20	Raveendran 371535	CAD, TVD, MILD LVD, DM, HTN, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	64.5	1.71	150	69

21	Sreejesh.KP 371765	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD	Dr.Sabarinath Dr.Idhrees	Sujith Manu	A.Pixie PBCDS	8	0.39	63	46
22	Gopakumar.K 368344	CAD, TVD, GD LV, SR, DM	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	77.5	1.92	130	57
23	Nasthar.K A 373181	ACHD, OS ASD, GD LV, SR	ASD	Dr.Varghese Dr.Ananthu	Prashanth Manu	Affinity	58	1.68	90	63
24	Sukumaran 295104	CAD, TVD, GD LV, HTN, DM	CABG	Dr.Praveen Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	50.7	1.45	128	108
25	Sreelatha bai 353091	CAD, SVD, SEV AR, CAL AS, MILD LVD	AVR+CABG	Dr.Praveen Dr.Ananthu	Don Manu	Affinity ALF BCDS	59.5	1.57	195	144
26	Vincent. P 346771	RHD, MOD MR, S/P BMV, GD LV	MVR	Dr.Praveen Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	89	2.03	73	58
27	Remesh 370685	RHD, SEV MR, AF, LA CLOT, DM	MVR+ LA Clot Removal	Dr.Praveen Dr.Sivaprasad	Shanu Manu	Affinity ALF BCDS	54	1.56	113	89
28	Abddul Latheef 359154	CAD, TVD, SEV LVD, HTN	CABG	Dr.Vivek Dr.Sivaprasad	Prashanth Manu	Affinity ALF BCDS	63	1.67	151	86
29	John.KJ 374755	CAD, DVD, MILD MR, HTN, DM, DLP	CABG	Dr.Vivek Dr.Sivaprasad	Shanu Manu	Affinity ALF BCDS	58	1.59	269	79
30	Abdul basher 377526	VSR.SEV LVD,MOD RV DYS,CARDIOGENIC SHOCK	VSR Repair	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF BCDS	67	1.72	98	68

31	Akshay soorya 360181	ACHD, OS ASD, MILD PAH, GD LV	ASD	Dr.Kalmath Dr.Sourav	Thaslim Manu	D.902	14.5	0.62	48	16
32	Barath.S 373690	ACHD,SAVSD,MILD AR,SR,NC	VSD Closure	Dr.Thomas Dr.Kalmath	Monsy Manu	BabyRX PBCDS	3	0.20	78	49
33	B/O Prameela 362501	CCHD TA-IB WITH RESTRICTIVE VSD LARGE OS ASD,SR	BDG	Dr.Thomas Dr.Kalmath	Monsy Manu	A.Pixie	7.5	0.37	78	-
34	Abhinav.KS 339042	CCHD,TOF,GD,PA,SR, GD LV	ICR	Dr.Thomas Dr.Kalmath	Monsy Manu	A.Pixie PBCDS	8	0.40	178	138
35	Anakha.A 330632	ACHD,SPVSD,MILD AR,SR,NC	ICR	Dr.Sabarinath Dr.Kalmath	Thaslim Manu	Capiox SX PBCDS	14	0.61	138	36
36	M.Ameen 372340	CCHD,TOF,GD,PA,SR, GD LV	ICR	Dr.Thomas Dr.Ananthu	Monsy Manu	Baby RX PBCDS	5.1	0.27	140	110
37	Mijvada 363163	ACHD,SAVSD,MILD AR,SR,NC	VSD	Dr.Thomas Dr.Kalmath	Monsy Manu	Baby RX PBCDS	5.5	0.30	43	26
38	Anas.cp	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD	Dr.Thomas Dr.Kalmath	Thaslim Manu	Capiox SX PBCDS	12	0.56	124	69
39	B/O Selvi	CCHD,C-TAPVC,MOD PAH,SR,NC	TAPVC	Dr.Baiju Dr.Ananthu	Monsy Manu	Baby RX PBCDS HC	2.7	0.18	153	75
40	Aiswrya.N 356004	RHD, S/P BMV, MOD TR, CAL MS, DLP	MVR+TV Repair	Dr.Vivek Dr.Sudheep	Shanu Manu	Affinity ALF BCDS HC	35	1.23	107	70

41	Soorya.VS 334718	ACHD, SV ASD, PAPVC OF RUPV	ASD+PAPVC Rerouting	Dr.Sabarinath Dr.Ananthu	Thaslim Manu	Capiox SX PBCDS	14	0.63	79	31
42	Abjith 369037	CCHD,TOF,GD,PA,SR, GD LV	ICR	Dr.Baiju Dr.Sabarinath	Thaslim Manu	BabyRX PBCDS HC	3.7	0.23	206	126
43	Abhina Ani 374556	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD	Dr.Sabarinath Dr.Kalmath	Sujith Manu	BabyRX PBCDS	4.7	0.27	67	52
44	Adhinand cv 358086	CCHD TA-IB WITH RESTRICTIVE VSD LARGE OS ASD,SR	B/L BDG	Dr.Thomas Dr.Thomas	Monsy Manu	A.Pixie	6.2	0.33	170	48
45	Rajeswari 361230	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD	Dr.Sabarinath Dr.Kalmath	Monsy Manu	Affinity ALF BCDS	50	1.48	123	100
46	Kumaranpotty 373436	CAD, SVD, SEV MR, MOD LVD, DM	MVR+CABG	Dr.Vivek Dr.Sudheep	Don Manu	Affinity ALF BCDS	56.5	1.63	106	64
47	Benny Mon 326548	CAD, TVD, MILD MR, HTN, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	67	1.71	120	90
48	Narayanadas 196317	DIL AO ROOT, SEV AR, MARFANS SYNDROME	Bentall's Procedure	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF BCDS	64	1.71	120	90
49	Syamala baby 373151	CAD, TVD, MOD LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Varghese	Don Manu	Affinity ALF	52.3	1.49	155	67
50	Rajappan 9806577	CAD, TVD, FAIR LV, CAL CORONARIES, DLP	CABG	Dr.Vivek Dr.Sivaprasad	Maya Manu	Affinity ALF BCDS	72.5	1.83	138	79

51	Kannan.PK 370767	CAD, TVD, MOD LVD, DM, DLP, HTN	CABG	Dr.Praveen Dr.Sivaprasad	Sujith Manu	Affinity ALF BCDS	53	1.57	170	129
52	Abdul Rahim 365801	SEV CAL AS, MOD AR, GD LV, DM	AVR	Dr.Vivek Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	86	1.96	225	167
53	Kuttappan.N 363799	CAD, TVD, GD LV, SR, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	55	1.49	115	50
54	Ashok kumar 369838	SEV CAL AS, MILD AR, NC, GD LV	AVR	Dr.Varghese Dr.Ananthu	Shanu Manu	Affinity ALF BCDS	58	1.65	114	72
53	Rajeevan 315466	CAD, TVD, MOD LVD, MILD MR, HTN	CABG	Dr.Praveen Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	60	1.60	104	69
54	Leela.U 369239	SEV AR, MILD AS, GD LV, SR, HTN	AVR	Dr.Varghese Dr.Ananthu	Don Manu	Affinity ALF BCDS	45	1.36	150	114
55	Santha.K 365575	CAD, TVD, GD LV, SR, HTN, DLP	CABG	Dr.Jayakumar Dr.Kalmath	Don Manu	Affinity ALF	40	1.24	90	39
56	Ambujan 374791	RHD,SEV MS,MILD MR,TR,GD LV	MVR+LA Reduction	Dr.Varghese Dr.Ananthu	Shanu Manu	Affinity ALF BCDS	58.5	1.67	92	60
57	Nagoor Pichai 356381	RHD, SEV CAL AS, MOD MR, BMV, MOD LVD, DM	DVR	Dr.Praveen Dr.Sivaprasad	Shanu Manu	Affinity ALF BCDS	77.5	1.90	151	130
58	Aravindakshan 370837	CAD, TVD, MOD MR, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	47	1.44	59	48
59	Geethanandan 375583	DIL ROOT OF AO,MOD AS,SEV AR,MOD MR	BENTALL'S Procedure	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity BCDS	68	1.81	182	124

61	Abdul Ahad 371376	CAD, TVD, SEV LVD, MILD MR, DLP	CABG	Dr.Vivek Dr.Sivaprasad	Maya Manu	Affinity ALF BCDS	60	1.62	112	67
62	Pathrose 371376	CAD, TVD, MILD AR, FAIR LV, DM, DLP	CABG	Dr.Praveen Dr.Sivaprasad	Sujith Manu	Affinity ALF BCDS	58	1.57	142	119
63	Subhadra 377027	CAD, TVD, MILD LVD, SR, DM, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	60	1.56	73	42
64	Gopi.D 375359	CAD, TVD, GD LV, MILD MR, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	64	1.66	88	45
65	Sreekumari 368176	CAD, DVD, AWMI, HTN, DLP	CABG	Dr.Vivek Dr.Ananthu	Sujith Manu	Affinity ALF BCDS	53.5	1.46	154	97
66	Jiji.K.V 371797	CAD, TVD, IWMI, GD LV	CABG	Dr.Vivek Dr.Ananthu	Sujith Manu	Affinity ALF BCDS	81	1.93	121	71
67	Abdul Salam 392231	CAD, TVD, MILD AR, GD LV, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	60	1.58	87	44
68	Sundara Rajan 372156	CAD, TVD,MOD LVD, HTN, DM	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	80	1.89	104	44
69	Prabhavathi.K 361192	CAD, TVD, FAIR LV, HTN, DLP	AVR+CABG	Dr.Varghese Dr.Ananthu	Maya Manu	Affinity ALF BCDS	70.5	1.70	207	146
70	Vijayakumar 364151	CAD, TVD, MILD AR, GD LV, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	61	1.67	126	55

71	Kathireshan 364151	CAD, TVD, MILD MR, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	73	1.88	100	56
72	Babu 9009541	SEV CAL AS, MOD AR, HTN, NC	AVR	Dr.Praveen Dr.Sivaprasad	Shanu Manu	Affinity ALF BCDS	52	1.54	81	54
73	Rajashekharan 372477	CAD, TVD, GD LV, HTN, DM, EX SMOKER	CABG	Dr.Vivek Dr.Sivaprasad	Shanu Manu	Affinity ALF	70	1.86	159	93
74	Sivanpillai 369156	CAD, TVD, GD LV, DM, DLP	CABG	Dr.Praveen Dr.Kalmath	Sujith Manu	Affinity ALF BCDS	52.5	1.50	97	79
75	Nelson 311901	CAD, TVD, MILD LVD, IWMI, DM	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	56	1.53	115	55
76	Alagappan 374107	CAD, TVD, MILD MR, MOD LVD, HTN	CABG	Dr.Vivek Dr.Sivaprasad	Shanu Manu	Affinity ALF BCDS	73	1.81	170	92
76	Indira 351232	CAD, TVD, AWTMI, GD LV, DM	CABG	Dr.Jayakumar Dr.Varghese	Don Manu	Affinity ALF	62	1.66	124	59
77	Kamalam 369196	RHD, S/P BMV, SEV MR, CAL MS, DM	MVR	Dr.Bineesh Dr.Ananthu	Rijesh Manu	Affinity ALF BCDS	61.5	1.61	115	84
78	Parameswaran 372619	CAD, TVD, SEV LVD, HTN	CABG	Dr.Jayakumar Dr.Sivaprasad	Don Manu	Affinity ALF	56.5	1.61	88	48
79	Sanalkumar 37668	CAD, TVD, AWTMI, IWMI, SEV LVD, DLP	CABG	Dr.Praveen Dr.Kalmath	Shanu Manu	Affinity ALF BCDS	65	1.76	145	120
80	Mohammed 373871	CAD, TVD, MILD LVD, HTN, DM	CABG	Dr.Praveen Dr.Idhrees	Rijesh Manu	Affinity ALF BCDS	53	1.50	113	92

81	Sunil Kumar 375495	SEV AR, SEV AS, MOD LVD, SR, NC	AVR	Dr.Bineesh Dr.Vijay	Rijesh Manu	Affinity ALF BCDS	44	1.28	97	67
82	Draupathi 379332	CAD, DVD, SEV AR, CAL AS, DM	CABG+AVR	Dr.Praveen Dr.Idhrees	Shanu Manu	Affinity ALF BCDS HC	43	1.36	177	139
83	Vishalakshi 370815	CAD, TVD, MOD LVD, AWMI, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	66	1.68	81	41
84	Sidharth 368746	RHD,MOD TR,MILD MR, MOD PAH	TV Annuloplasty	Dr.Vivek Dr.Varghese	Rijesh Manu	D.905 PBCDS	35	1.21	65	50
85	Subhash Kumar 380432	DIL ROOT OF AO,MOD AS,SEV AR,MOD MR	BENTALL'S Procedure	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF BCDS	70	1.88	145	88
86	Vijayan 370136	CAD, TVD, GD LV,HTN, DLP, DM	CABG	Dr.Praveen Dr.Ananthu	Rijesh Manu	Affinity ALF BCDS	56	1.56	89	68
87	Rani 369181	RHD, MOD MR, CAL MS, AF, NC	MVR	Dr.Varghese Dr.Kalmath	Rijesh Manu	Affinity ALF BCDS	57	1.58	89	62
88	Biji.T.C 373317	SEV CAL MS, SEV AR, NC, DM	AVR	Dr.Varghese Dr.Idhrees	Don Manu	Affinity ALF BCDS	64	1.65	79	35
89	Leelamma 370909	CAD, TVD, MOD LVD, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	61	1.62	100	72
90	Devarajan 370909	CAD, TVD, MILD LVD, MILD MR, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	55.2	1.58	108	52

91	Saifudheen 306228	DIL ROOT OF AO,MOD AS,SEV AR,MOD MR	BENTALL'S Procedure	Dr.Jayakumar Dr.Varghese	Sujith Manu	Affinity ALF BCDS HC	63	1.79	133	91
92	Vilasini 350536	SEV CAL AS, SEV AR, MOD LVD, NC	AVR	Dr.Varghese Dr.Vijay	Shanu Manu	Affinity ALF BCDS	50	1.38	109	83
93	Joby david 366795	SEV AR, CAL AS, MOD MR, RHD, AF	AVR + MV Repair	Dr.Praveen Dr.Kalmath	Shanu Manu	Affinity ALF BCDS	76.5	1.92	108	92
94	Prabhakaran 374503	SEV AR, SEV CAL AS, MILD LVD, DM	AVR	Dr.Vivek Dr.Vijay	Rijesh Manu	Affinity ALF BCDS	78	1.91	103	60
95	Sathyabalan 373843	CAD, TVD, GD LV, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	55.5	1.55	169	64
96	Rajeevan 377616	CAD, TVD, MILD LVD, HTN, DLP	CABG	Dr.Vivek Dr.Bineesh	Don Manu	Affinity ALF BCDS	65	1.76	100	70
97	Stanly John 376701	SEV AR, CAL AS, FAIR LV, NC	AVR	Dr.Varghese Dr.Kalmath	Maya Manu	Affinity ALF BCDS	46.5	1.41	96	54
98	PrasannaKumar 378549	SEV PAH, IAA, OP ASD	SOV Repair	Dr.Vivek Dr.Idhrees	Sujith Manu	Affinity ALF BCDS	32.5	1.58	91	64
99	Badran.P 373034	CAD, TVD, AWMI, GD LV, DM	CABG	Dr.Vivek Dr.Kalmath	Don Manu	Affinity ALF BCDS	44	1.34	125	86
100	Subramanyan 377306	CAD, TVD, GD LV, SR, DM, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	49	1.51	133	70

101	Ramesh 367380	RHD, BMV, SEV MR, MILD TR, GD LV	MVR	Dr.Vivek Dr.Bineesh	Don Manu	Affinity ALF BCDS	51	1.55	78	53
102	Kuruvila 388575	RHD,SEV AS,MOD AR,AF,AV BLOCK	AVR+PPI	Dr.Varghese Dr.Kalmath	Shanu Manu	Affinity ALF BCDS HC	65	1.75	136	90
103	Shasheedharan 370910	SEV CAL AS, MOD AR, DIL LV, DM	AVR	Dr.Praveen Dr.Kalmath	Rijesh Manu	Affinity ALF BCDS	56.5	1.61	98	75
105	Adithyan 368217	SV ASD,PAPVC OF RUPV	ASD+PAPVC REROUTING	Dr.Sabarinath Dr.Ashok	Monsy Manu	D.902	14	0.62	114	61
106	Jojith 351449	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Sabarinath Dr.Ashok	Don Manu	Capiox SX HC	10	0.46	159	90
107	Aiden Varghese 325689	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Baiju	Thaslim Manu	A.pixie PBCDS	6.3	0.33	251	123
108	Aswathi 229070	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Sabarinath Dr.Ashok	Don Manu	Affinity BCDS	43	1.32	147	83
109	Haseeb 343859	ACHD,SVASD,SR,NC	ASD Closure	Dr.Sabarinath	Don Manu	Capiox SX BCDS	26.5	0.96	66	40
110	Roopesh 364218	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Baiju	Thaslim Manu	Baby Rx PBCDS	6.3	0.32	193	128
111	M.Aflah 325645	TYPE II TA, PM VSD, SEV PAH, LT ARCH	Truncus Arteriosus Repair	Dr.Baiju	Monsy Manu	BabyRX HC	3.2	0.21	218	16

112	Athira 338531	ACHD,OSASD,MILD PAH	ASD Closure	Dr.Ananthu	Monsy Manu	Capiox SX	14	0.63	74	24
113	M Jasim 387142	ACHD,SAVSD,SMALL PAH,MOD PAH	VSD Closure	Dr.Thomas	Monsy Manu	Baby Rx	3	0.20	76	51
114	Midvin manoj 377812	TOF,INF+VALVULAR PS,GD CONFLUENT PA,SR	ICR	Dr.Thomas	Monsy Manu	A.Pixie PBCDS	9	0.43	185	131
115	Hanna rajan 341530	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Sabarinath	Monsy Manu	A.Pixie PBCDS	9.5	0.45	201	118
116	Sulthan 302122	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Sabarinath	Thaslim Manu	Affinity BCDS	59	1.68	450	267
117	Dhyan sreeya 369154	ACHD,OSASD,MILD PAH	ASD Closure	Dr.Sabarinath	Sujith Manu	Capiox SX	10.5	0.51	75	20
118	Ashok kumar 317288	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Sabarinath Dr.Rhenus	Monsy Manu	Affinity BCDS	47	1.44	265	165
119	B/o Sajna 353221	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Thomas Dr.Vijay	Thaslim Manu	Baby Rx PBCDS	8	0.29	84	60
120	Adinan 342027	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Thomas Dr.Sudheep	Monsy Manu	Capiox SX PBCDS	11	0.49	129	92
121	Asish 372615	ACHD,SAVSD,SMALL PDA,MOD PAH	VSD Closure	Dr.Baiju Dr.Ananthu	Monsy Manu	Baby Rx PBCDS	5.6	0.32	75	48

122	Abdul Majeed 9509485	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	69	1.63	111	62
123	Pratheeksha 380941	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Thomas Dr.Vijay	Don Manu	Affinity BCDS	75	1.82	110	86
124	Muhsina 345351	CCHD,TOF,GD PA,SR,NC GDLV	ICR	Dr.Thomas Dr.Ananthu	Don Manu	A.Pixie PBCDS	10.5	0.49	69	46
125	Bhaskaran 375119	CAD TVD LMCA,GDLV, SR,DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	57	1.57	148	64
126	Hari 8700774	CAD,TVD,FLAIL AML,SEV MR,MILD AR,MOD TR,SEV LVD	CABG+MVR	Dr.Vivek Dr.Kalmath	Maya Manu	Affinity BCDS ALF	53	1.54	116	73
127	Lalitha 375452	RHD,SEV MS,SEV MR,SEV PAH,AF,SEV TR	MVR	Dr.Varghese Dr.Sivaprasad	Shanu Manu	Affinity BCDS ALF	60	1.62	122	80
128	Radha 382709	CAD,TVD,PRIM AV BLOCK,LVD,DM	CABG+LV Aneurysm Repair	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF HC	55	1.63	57	37
129	Manoharan 332222	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	64.5	1.64	85	39
130	Usman 381454	CAD,DVD,GDLV,SR,SR, P /PCI TO LCX DM	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	79.2	1.93	101	49
131	Subaida 317287	RHD,SEV MS,MOD MR,SEV TR,DD LV	MVR+TV Repair	Dr.Varghese Dr.Ashok	Rijesh Manu	Affinity BCDS ALF	40	1.31	163	96

132	Gopinathan 379289	RHD,SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Varghese Dr.Ashok	Shanu Manu	Affinity BCDS ALF	95	2.14	132	93
133	Jabaraj 373285	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Praveen Dr.Kalmath	Sujith Manu	Affinity BCDS ALF	67	1.75	82	56
134	Subaida 374725	RHD,SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Praveen Dr.Kalmath	Sujith Manu	Affinity BCDS ALF	68.4	1.76	104	76
135	Indhira Bhai 381017	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	66.2	1.68	84	43
136	Rinshad 356514	RHD,SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Varghese Dr.Kalmath	Shanu Manu	Affinity BCDS ALF	61.8	1.72	85	68
135	Radhamani 380552	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Sivaprasad	Rijesh Manu	Affinity ALF	54.5	1.50	146	71
136	Babu 381536	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	66	1.73	83	43
137	Valsaladevi 366873	SEV MR,MVP CHORDAL RUPTURE,FLAIL AML	MVR	Dr.Praveen Dr.Ashok	Sujith	Affinity BCDS ALF	53	1.52	67	51
138	Sumathy 880878	RHD,SEV MS,MOD MR,SEV TR,MILD PAH,MOD LVD	MVR	Dr.Varghese Dr.Ashok	Rijesh Manu	Affinity BCDS ALF	43	1.35	98	48
139	Vallinayagam 370354	SEV CAL AS,CONC LVH,CAD,DVD	AVR+CABG	Dr.Praveen Dr.Ashok	Rijesh Manu	Affinity BCDS ALF HC	72	1.80	164	118

140	Suliman 9009798	SEV MR,MVP CHORDAL RUPTURE,FLAIL AML	MVR	Dr.Varghese Dr.Kalmath	Don Manu	Affinity BCDS ALF	62	1.70	109	65
141	Arifa Bheevi 361643	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	81.7	1.90	120	43
142	Noushad 373987	RHD,SEV AS,MOD AR,MOD MS,MOD TR,GD LV	DVR	Dr.Praveen Dr.Ashok	Shanu Manu	Affinity BCDS	64	1.75	166	155
143	Dhanya 260298	SEV MR,MVP CHORDAL RUPTURE,FLAIL AML	MVR	Dr.Bineesh Dr.Kalmath	Shanu Manu	D.905 BCDS ALF	36.6	1.24	71	50
144	Sanal kumar 9203641	MARFAN'S SYND,ANNULO AO ECTASIA,SEV AR	Bentall's Procedure	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity BCDS ALF	61	1.70	177	137
145	Sukumaram 382933	CAD,TVD,FLAIL AML,SEV MR,MILD AR,MOD TR,SEV LVD	CABG+MV Repair	Dr.Praveen Dr.Kalmath	Rijesh Manu	Affinity BCDS ALF HC	56	1.56	200	157
146	Babu 381062	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	55.6	1.54	98	47
147	Ibrahim 9002695	RHD,SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Varghese Dr.Kalmath	Rijesh Manu	Affinity BCDS ALF	50.5	1.50	150	89
148	Girija 383723	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Vivek Dr.Kalmath	Sujith Manu	Affinity BCDS ALF	60	1.56	82	35
149	Sankaran kutty 378811	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	57	1.55	97	54

150	Prabhavathi 374733	CAD,DVD,GDLV,SR,SR, P /PC 1 TO LCX DM	CABG	Dr.Vivek Dr.Sivaprasad	Sujith Manu	Affinity BCDS ALF	51.8	1.48	99	49
151	Radhakrishnan 325998	CAD,TVD,IWMI,ACS, FAIR LV,SR,DM,HTN	CABG	Dr.Jayakumar Dr.Vivek	Sujith Manu	Affinity ALF	79	1.92	100	57
152	Suryakumar 326587	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Sivaprasad	Sujith Manu	Affinity ALF	66	1.71	121	50
153	Lalitha 219019	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Vivek Dr.Sujith	Sujith Manu	Affinity BCDS ALF	53	1.45	136	70
154	Manoharan 383866	SEV MR,MVP CHORDAL RUPTURE,FLAIL AML	MVR	Dr.Bineesh Dr.Sujith	Lekshmi Manu	Affinity BCDS	68	1.84	107	74
155	Mynudheen 388223	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	64.5	1.70	104	48
156	Anilkumar 384885	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF	83.3	2.06	110	45
157	Raghavan 397429	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	71.8	1.81	134	58
158	Johny 384312	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	71	1.84	210	43
159	Anilkumar 372838	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Vivek Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	56.2	1.62	89	52

160	Kumari sheela 390807	SEV CALC AS,MILD AR,MILD LVD	AVR	Dr.Vivek Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	55.5	1.51	98	73
161	Babu 394904	CAD,TVD,LMCA,GDLV, DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	66.5	1.74	93	45
162	Ismail 376371	ACHD,OS ASD,GDLV,SR	ASD	Dr.Bineesh Dr.Vijay	Maya Manu	D.905	47	1.48	66	38
163	Jayakumar 383680	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Vivek Dr.Sujith	Sujith Manu	Affinity ALF BCDS	62	1.68	99	62
164	Satheeshan 390328	SEV MR,MVP CHORDAL RUPTURE,FLAIL AML	MVR	Dr.Bineesh Dr.Rhenus	Sujith Manu	Affinity ALF BCDS	80	1.96	97	75
165	Ransik 392761	ACHD,OSASD,NO PAH	ASD	Dr.Bineesh Dr.Rhenus	Lekshmi Manu	D.905	47.3	1.46	51	22
166	Soman 326684	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Vivek Dr.Rhenus	Maya Manu	Affinity ALF BCDS	68.9	1.78	127	68
167	Chandran 386534	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	75.8	1.86	124	61
168	Sugunakumar 380249	CAD,TVD,IWMI ACS,FAIR LV,DM,SR,	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	72.8	1.85	89	47
170	Appukutan nair 395121	CAD TVD,FLAIL AML,SEV MR,AR,MOD TR,SEV LVD	MVR+CABG	Dr.Vivek Dr.Rhenus	Sujith Manu	Affinity ALF BCDS	69.5	1.75	185	102

171	Podiyan 387891	SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Bineesh Dr.Sujith	Shanu Manu	Affinity ALF BCDS	77	1.84	106	70
172	Ramlath 388688	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Vivek Dr.Sourav	Shanu Manu	Affinity ALF BCDS	56.4	1.55	88	52
173	Aysha 384269	RHD,SEV MS,MOD MR,SEV TR,GD LV	MVR+TVA	Dr.Bineesh Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS HC	46.5	1.41	236	158
174	Kunjumol 378337	CAD,TVD,FLAIL AML,SEV MR,MILD AR,MOD TR,SEV LVD	CABG+MVR	Dr.Vivek Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	71	1.73	203	119
175	Ramachandran 250403	SEV AS,MOD AR,TRIVIAL MR,MILD LVD	AVR	Dr.Bineesh Dr.Vijay	Maya Manu	Affinity ALF BCDS	48.7	1.50	87	41
176	Najeeb 385062	CAD,TVD,IWMI ACS,FAIR LV,DM,SR,	CABG	Dr.Jayakumar Dr.Varghese	Shanu Manu	Affinity ALF	71.5	1.81	107	49
177	Manoj 396707	CAD,TVD,FAIR LV,PRIM AV BLOCK,DM	CABG	Dr.Vivek Dr.Rhenus	Maya Manu	Affinity ALF BCDS	64.7	1.75	101	56
178	Sadashivan 389921	CAD,TVD,SEV LVD,MILD MR,MILD PAH,PAROX AF,DM	CABG	Dr.Vivek Dr.Rhenus	Shanu Manu	Affinity ALF	59.8	1.63	124	77
179	Mahendran 395327	CAD,TVD,GDLV,P/PCI LAD RCX,SR,DM,DLP, SMOKER	CABG	Dr.Vivek Dr.Rhenus	Maya Manu	Affinity ALF	52	1.52	168	97
180	Rajeev 388865	ACHD,SV ASD,SR	ASD Closure	Dr.Bineesh Dr.Rhenus	Shanu Manu	Affinity ALF	66.5	1.75	66	31

181	Reghunathan 391107	CAD,TVD,LMCA,GDLV, SR,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	57	177	125	60
182	Chithiravel 387052	OS ASD,GDLV,MOD MR,MOD MS,SR	ASD+MV Repair	Dr.Varghese Dr.Sujith	Shanu Manu	Affinity ALF BCDS	56	1.61	123	72
183	Rajendran 9706907	CAD,TVD,GDLV,P/PCI LAD RCX,SR,DM,DLP, SMOKER	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	78	1.92	69	32
184	Venukumaran 9208624	SEV MR,MVP,CHORDAL RUPTURE,FLAIL AML,PAH,GDLV,AF	MVR	Dr.Varghese Dr.Vijay	Lekshmi Maya	Affinity ALF BCDS HC	51.4	1.53	103	61
185	Madhusoodanan 393067	CAD,TVD,LMCA,GDLV, SR,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF Biopump	58.3	1.61	137	57
186	Haridas 395845	SEV CAL AS,MOD AR,CONC LVH, GDLV,SR	AVR	Dr.Bineesh Dr.Varghese	Lekshmi Maya	Affinity ALF BCDS	70.5	1.84	99	72
187	Raveendran 363984	CAD,TVD,LMCA,GDLV, SR,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	72.2	1.86	108	45
188	Jazil 393038	RHD,SEV MS,MOD MR,SEV TR,GDLV	MVR+TV Repair	Dr.Varghese Dr.Rhenus	Shanu Manu	Affinity ALF BCDS HC	59	1.72	151	98
189	Shibukumar 391304	CAD,TVD,LMCA,GDLV, SR,DM,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	77.3	1.94	134	61
190	Bhaskaran nair 381547	SEV CALC AS,MILD PAH,GD LV,SR	AVR	Dr.Bineesh Dr.Sujith	Maya Manu	Affinity ALF BCDS	55.5	1.58	79	54

191	Saleek 387836	ACHD,OS ASD,GDLV,SR	ASD Closure	Dr.Bineesh Dr.Vijay	Shanu Manu	Affinity ALF	75.1	1.95	66	37
192	Sabu 222782	RHD,SEV MS,SEV AS,MILD LVD,REAC AIRWAY DISEASE	DVR	Dr.Vivek Dr.Vijay	Lekshmi Manu	D.905 ALF BCDS	50	1.51	79	68
193	Muthuraman 395131	RHD,S/P BMV,SEV MS,MOD MR,MILD AR,MOD LVD	MVR	Dr.Bineesh Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	47.5	1.42	82	63
194	Haris 384552	RHD,SEV MS,SEV MR,SEV PAH	MVR	Dr.Bineesh Dr.Ashok	Rijesh Manu	Affinity ALF BCDS	75	1.90	79	60
195	Gopakumar 296415	BAV,SEV AR,FAIR LV,S/PSOV REPAIR,MILD PAH,SR	Redo Sternotomy + AVR	Dr.Varghese Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	50	1.53	127	87
196	Vijayamma 370553	SEV CAL AS,MOD AR,CONC LVH, GDLV,HIAT HERNIA	AVR	Dr.Varghese Dr.Sivaprasad	Shanu Manu	D.905 ALF BCDS	45	1.38	169	88
197	Mareeswary 379592	RHD,SEV MS,SEV MR,SEV PAH	MVR	Dr.Bineesh Dr.Sujith	Don Manu	D.905 ALF BCDS	48	1.39	78	60
198	Devasia 278369	CAD,TVD,MOD LVD,MILD PAH,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	79	1.96	124	54
199	Nithya 382767	ACHD OS ASD,PILD PAH,MOD MR MILD MS	ASD+MV Repair	Dr.Varghese Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	52.6	1.54	95	54
200	Remadevi 380046	CAD,TVD,MOD LVD,MILD PAH,DLP	CABG	Dr.Jayakumar Dr.Varghese	Lekshmi Manu	Quadrox ALF	53	1.53	127	55

201	Raymond 377392	SEV CAL AS,MOD AR,CONC LVH, GDLV,HIAT HERNIA	AVR	Dr.Vivek Dr.Sivaprasad	Maya Manu	Affinity ALF BCDS	78	1.91	101	68
202	Thankappan 386686	CAD,TVD,LMCA,GDLV, SR,DM,DLP	CABG	Dr.Varghese Dr.Vijay	Maya Manu	Affinity ALF	79.5	1.89	152	67
203	Suneesh 336173	SEV MR,MVP CHORDL RUPTURE,FLAIL PAROX AF	MV Repair	Dr.Varghese Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	58	1.68	140	93
204	Baby Jalaja 9906969	RHD,SEV MS,SEV MR,SEV PAH,SEV TR	MVR	Dr.Bineesh Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	56	1.61	69	49
205	Narayanan 381308	CAD,TVD,GDLV,SR,DM, HTN	CABG	Dr.Vivek Dr.Sivaprasad	Maya Manu	Affinity ALF BCDS HC	76	1.85	149	95
206	Shahanas 381446	RHD, S/P BMV, MOD TR, CAL MS, DLP	MVR+TV Repair	Dr.Varghese Dr.Ashok	Shanu Manu	Affinity ALF BCDS	48.5	1.51	117	105
207	Jalaja mony 380015	CAD,LMCA,TVD,REC,A CS,SR,DM,HTN,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF BCDS	60	1.57	109	52
208	Mery Thomas 385720	SEV CAL AS,MILD PAH,GDLV,SR	AVR	Dr.Bineesh Dr.Ashok	Maya Manu	Affinity ALF BCDS	48	1.43	115	71
209	Shankaran 377646	CAD,CSA,LMCA,TVD CAL CORONARIES ,GDLV	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	52	1.48	100	45
210	Sreekumar 382747	CAD,LMCA,TVD,REC, ACS,SR,DM,HTN,DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	52	1.48	124	49

211	Ramamoorthy 351887	CAD,TVD,GDLV,SR,DM, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	73	1.82	104	47
212	Mukundan 377173	RHD,SEV MS,SEV AS,MILD LVD,REAC AIRWAY DISEASE	DVR	Dr.Varghese Dr.Ananthu	Lekshmi Manu	Affinity ALF BCDS	53	1.53	139	101
213	Latha 381427	RHD,SEV MS,SEV AS,MILD LVD,REAC AIRWAY DISEASE	DVR	Dr.Varghese Dr.Ananthu	Lekshmi Manu	Affinity ALF BCDS	47	1.39	166	126
214	Shahul 386375	RSOV TO RVOT, SP VSD, GD LV, SR	RSOV Repair	Dr.Vivek Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	60	170	63	49
215	Ramachandran 383685	CAD,TVD,GDLV,SR, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	63.5	1.67	120	56
217	Shahana 387028	SUB AORTIC MEMBRANE, LVOTO, MILD AS	SAM EXCISION	Dr.Varghese Dr.Ananthu	Lekshmi Manu	Affinity ALF BCDS	55	1.54	64	33
218	Vadhayar 388228	CAD,TVD,GDLV,SR, HTN	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	75.5	1.88	95	46
219	Majeesh 9304480	SEV CAL AS,GDLV,MILD MR,SR	AVR	Dr.Varghese Dr.Ananthu	Lekshmi Manu	Affinity ALF BCDS	49	1.47	85	58
220	Arumugam 387135	SEV CAL AS, MOD AR, SEV TR, MILD MR	AVR+TVA	Dr.Vivek Dr.Idhrees	Don Manu	Affinity ALF BCDS	62	1.70	117	83
221	Sasidharan 382301	CAD, TVD, GD LV, AWMI, HTN	CABG	Dr.Jayakumar Dr.Varghese	Lekshmi Manu	Affinity ALF	73.5	1.62	117	54

222	Mohanakumar 386904	CAD, TVD, MOD LVD, DM, DLP, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	73	1.81	115	55
223	Merlin 380126	ACHD, OS ASD, MILD PAH, GD LV	ASD Closure	Dr.Bineesh Dr.Ananthu	Lekshmi Manu	D.905 ALF	38	1.27	75	54
224	Sivashankaran 383301	CAD, TVD, IWMI, MILD LVD	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	64.5	1.76	110	57
225	Levi 380380	CAD, TVD, SEV LVD, DLP	CABG	Dr.Jayakumar Dr.Varghese	Sujith Manu	Affinity ALF	54.5	1.59	117	55
226	Prasannakumari 385142	CAD, DVD, SEV MR, SEV CAL MS, GD LV	CABG+MVR	Dr.Vivek Dr.Sivaprasad	Don Manu	Affinity ALF BCDS	75	1.78	109	67
227	Padma Dev 387940	CAD, TVD, MILD LVD, HTN, DM	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF	54	1.55	77	97
228	Vijayan 384221	CAL AS, SEV AR, MILD MR, LVD	AVR	Dr.Bineesh Dr.Vijay	Shanu Manu	Affinity ALF BCDS	53.5	1.53	107	77
229	Babu 381966	CAD, TVD, ACS, MOD TO SEV LVD, DLP	CABG	Dr.Jayakumar Dr.Varghese	Lekshmi Manu	Affinity ALF	63	1.67	101	47
230	Asmabi 380589	RHD, SEV AR, MOD MR, CAL AS, SR	DVR	Dr.Varghese Dr.Vijay	Don Manu	Affinity ALF BCDS HC	73	1.76	152	110
231	Anilkumar 388404	CAD, TVD, MOD LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Varghese	Shanu Manu	Affinity ALF	64	1.70	111	54

232	Jayalal mohan 367717	CAD, TVD, SEV LVD, DM, DLP, HTN	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	67	1.68	83	50
233	Saradha 383620	CAD, TVD, IWMI, DM, HYPOTHYROIDISM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	50	1.46	126	60
234	Sheela 253997	SEV CAL AS, SEV MR, MOD MS, MOD LVD	DVR	Dr.Varghese Dr.Vijay	Lekshmi Manu	D.905 ALF BCDS	38.5	1.25	151	106
235	Shoukath 384813	CAD, TVD, IWMI, MILD LVD, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF	76	1.87	102	49
236	Jafar Ali 389267	CAD, TVD, AWMI, ACS, DM, DLP, HTN	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	69	1.78	81	32
237	Hamsa 381384	ACHD, SV ASD, GD LV, SR	ASD Closure	Dr.Bineesh Dr.Sujith	Sujith Manu	Affinity ALF	68	1.81	75	39
238	Sreelal 383624	CAD, TVD, AWMI, GD LV, SR	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	63	1.70	122	59
239	Ramachandran 388427	CAD, TVD, MOD LVD, FAIR LV, EX SMOKER	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	59	1.59	124	67
240	Usha 382610	CAD, TVD, MILD AS, GD LV, SR, HTN	CABG	Dr.Vivek Dr.Vijay	Shanu Manu	Affinity ALF BCDS	62	1.62	175	79
241	Sara 388620	SEV AR, CAL AS, GD LV, NC	AVR	Dr.Bineesh Dr.Sujith	Shanu Manu	Affinity ALF BCDS	69.5	1.74	92	62
242	Soman 380634	CAD, TVD, MOD LVD, IWMI, DM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	69	1.79	91	48

243	Anna Mary 304047	CAD, TVD, SEV LVD, HYPERTHYROIDISM	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	68	1.65	143	83
244	Ambika 374450	CAD, TVD, SEV LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF	72.5	1.77	88	44
245	Radhamma 376278	CAD, TVD, MILD LVD, REC MI, DM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	53	1.48	98	44
246	Sabarinath 384969	MOD AR, SEV CAL MS, MOD AS, MILD TR	DVR	Dr.Varghese Dr.Sujith	Shanu Manu	Affinity ALF BCDS	48	1.47	149	119
247	Aiyappan 253828	SEV AR, CAL AS, CAD, GD LV	AVR	Dr.Vivek Dr.Vijay	Shanu Manu	Affinity ALF BCDS	61	1.66	99	71
248	Sivadasan 384712	CAD, TVD, LMCA, MOD LVD, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Sujith Manu	Affinity ALF	79	1.91	88	46
249	Ramesan 388116	CAD, TVD, IWMI, SEV LVD, DM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	85.5	1.99	125	66
250	Madasamy 291647	CAL AS, SEV AR, MILD MR, GD LV	AVR	Dr.Bineesh Dr.Sujith	Maya Manu	Affinity ALF BCDS	51	1.57	97	69
251	Mammotty 385131	CAD, TVD, MILD LVD, DM, DLP, HTN	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF HC	69	1.78	131	63
252	Saradakumari 371124	SEV CAL AS, GD LV, DM, DLP	AVR	Dr.Bineesh Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	68.5	1.75	87	68
253	Padamakumaran 390296	CAD, TVD, MILD LVD, IWMI, DM	CABG	Dr.Jayakumar Dr.Bineesh	Lekshmi Manu	Affinity ALF	52.2	1.54	130	62

254	Krishnan Niar 385225	CAD, TVD, GD LV, DM, HTN, DLP	CABG	Dr.Jayakumar Dr.Varghese	Lekshmi Manu	Affinity ALF	64	1.74	97	47
255	Satheeshan 385285	CAD, TVD, AWMI, MOD LVD, HTN	CABG	Dr.Jayakumar Dr.Varghese	Sujith Manu	Affinity ALF	74	1.81	118	54
256	Thresial 381382	RHD, SEV MR, SEV TR, MOD MS, GD LV	MVR+TV Repair	Dr.Varghese Dr.Sourav	Maya Manu	Affinity ALF BCDS	53	1.53	196	68
257	Nalinakshan 390677	CAD, TVD, SEV LVD, REC MI, DM	CABG	Dr.Jayakumar Dr.Varghese	Sujith Manu	Affinity ALF	67.6	1.72	129	55
258	Mohandas 367201	CAD, DVD, SEV AR, MILD AS, MILD LVD, DM	AVR+CABG	Dr.Vivek Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	85	2.00	218	158
259	Murali 385091	CAD, TVD, AWMI, MILD LVD, DM, HTN,DLP	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	71	1.74	115	43
260	Prakash Kumar 389459	SEV CAL AS, MOD AR, DM, DLP	AVR	Dr.Varghese Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	65.5	1.74	127	90
261	Balakrishnan 391097	CAD, TVD, FAIR LV, HTN, SR	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF HC	67	1.73	142	68
262	Ratheesh 357483	ACHD, OP ASD, GD LV, SR	ASD Closure	Dr.Bineesh Dr.Sujith	Maya Manu	Affinity ALF	60	1.63	63	40
263	Susheela 392142	CAD, TVD, MILD LVD, DLP, DM	CABG	Dr.Vivek Dr.Vijay	Lekshmi Manu	Affinity ALF BCDS	70	1.74	119	66
264	Subramanyan 391019	CAD, TVD, AWMI, MILD TO MOD LVD, DLP	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF HC	66.3	1.71	120	42

265	Gopalakrishnan 194741	CAD, SVD, MOD AR, CAL AS, GD LV	AVR+CABG	Dr.Varghese Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	61.5	1.64	200	113
266	Narayanan 392203	SEV AR, DIL AO ROOT, CAL AS	Bentall's Procedure	Dr.Jayakumar Dr.Vivek	Shanu Manu	Affinity ALF BCDS	65	1.61	133	98
267	Natarajan 385275	CAD, TVD, SEV LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	57	1.58	131	104
268	Rajagopal 391259	CAD, TVD, MOD LVD, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	64	1.72	107	59
269	Arul Raj 240469	SEV MR, SEV AR, CAL AS, SEV TR, GD LV	DVR+TV Repair	Dr.Varghese Dr.Vijay	Sujith Manu	D.905 ALF BCDS	38	1.28	168	119
270	Sudheer 388960	SEV CAL AS, SEV AR, MILD MS, GD LV	AVR	Dr.Bineesh Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	53.5	1.58	150	78
271	Abdul Rasheed 386507	RHD, SEV MR, GD LV, SR	MV Repair	Dr.Varghese Dr.Chirag	Don Manu	Affinity ALF BCDS	70	1.78	124	88
272	Mathews 357512	TYPE B AORTIC DISSECTION, DTA ANEURYSM	DTA Dissection Aneurysm Repair	Dr.Unikrishnan Dr.Sidharth	Sujith Manu	Affinity ALF BCDS	82	1.97	475	246
273	Hamsa 354796	OS ASD, MILD PAH, GD LV	ASD Closure	Dr.Bineesh Dr.Vijay	Sujith Manu	Affinity ALF	82	1.94	82	35
274	Sukhadev 381608	RHD, SEV MR, CAL MS, GD LV	MV Repair	Dr.Varghese Dr.Vijay	Sujith Manu	Affinity ALF BCDS	60.5	1.65	104	76
275	Chandran 330644	CAD, TVD, MILD LVD, REC MI, HTN	CABG	Dr.Vivek Dr.Vijay	Sujith Manu	Affinity ALF	76.5	1.93	109	59

276	Abdul kalam 385710	CAD, TVD, MOD LVD, HTN, SR	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	61.8	1.69	120	53
278	Ammukuty 371553	ACHD, SV ASD, MOD PAH, GD LV	ASD CLOSURE	Dr.Vivek Dr.Vijay	Lekshmi Manu	Affinity ALF	59	1.57	71	37
279	Muraleedharan 389318	CAD , TVD, SEV LVD, AWMI, ACS, DM, DLP	CABG	Dr.Jayakumar Dr.Varghese	Shanu Manu	Affinity ALF	71.1	1.90	113	56
280	Uthaman 383856	CAD, TVD, MILD AR, MOD LVD, DM, HTN,DLP	CABG	Dr.Vivek Dr.Sourav	Sujith Manu	Affinity ALF BCDS	69	1.79	104	63
281	Divakaran 391859	CAD, TVD, MILD LVD, HTN, DM	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	63.3	1.71	141	60
282	Sarojini 372410	SEV AR, CAL AS, CAD, SVD, HTN	AVR+CABG	Dr.Varghese Dr.Sujith	Shanu Manu	Affinity ALF BCDS	57.6	1.53	185	135
283	Sofiya Rasi 387181	SV ASD, OS ASD, GD LV	ASD CLOSURE	Dr.Vivek Dr.Bineesh	Sujith Manu	Affinity ALF BCDS	68	1.72	99	72
284	Anil Kumar 372838	CAD, TVD, MILD LVD, HTN, SR	CABG	Dr.Vivek Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	56.2	1.62	89	52
285	Johny 384312	CAD, TVD, AWMI, HTN, GD LV	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	71	1.84	210	43
286	Narayana Pillai 389014	CAD, TVD, MOD LVD, HTN, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Shanu Manu	Affinity ALF	58	1.62	121	51
287	Abdulrasheed 15997	RHD, SEV MR, SEV CAL AS, MOD AR, DM	DVR	Dr.Varghese Dr.Sourav	Lekshmi Manu	Affinity ALF BCDS	72.2	1.81	192	131

288	Raghavan 391429	CAD, TVD, MILD MR, HTN, GD LV, SR	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	71.8	1.81	134	58
289	Ameer 377033	ACHD, OP ASD, GD LV, SR	ASD CLOSURE	Dr.Bineesh Dr.Sourav	Maya Manu	D.905	37.5	1.30	59	34
290	Radhakrishnan 230737	CAD, TVD, SEV LVD, MILD AR, DM, DLP	CABG	Dr. Vivek Dr.Sourav	Shanu Manu	Affinity ALF BCDS	73.5	1.75	150	81
291	Mynudheen 388223	CAD, TVD, IWMI, ACS, FAIR LV, DM	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	64.5	1.70	104	48
292	Chelli 390062	CAD, TVD, MOD LVD, HTN, DM, DLP	CABG	Dr. Vivek Dr.Bineesh	Lekshmi Manu	D.905 ALF BCDS	44	1.57	126	70
293	Ramesh 396614	CAD, TVD, GD LV, SR, HTN, DM, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	79.2	1.91	113	54
294	Asma beevi 390088	CAD, TVD, MILD LVD, HTN, DM, DLP	CABG	Dr. Vivek Dr.Vijay	Don Manu	Affinity ALF BCDS	71	1.74	109	63
295	Jayantha kumar 389354	CAD, TVD, AWMI, DLP, HTN, DM	CABG	Dr.Jayakumar Dr.Varghese	Maya Manu	Affinity ALF	78	1.91	143	58
296	Kannan 391170	CAD, TVD, MILD LVD, HTN, DM, DLP	CABG	Dr. Vivek Dr.Vijay	Don Manu	Affinity ALF BCDS	82.5	1.96	136	83
297	Vishnu 394825	OS ASD, ACHD, SEV PAH, GD LV	ASD Closure	Dr.Bineesh Dr.Vijay	Don Manu	Affinity ALF	59.5	1.71	52	22
298	Ambili 295601	SEV MR, SEV TR, MOD MS, GD LV	MVR+TV Repair	Dr.Bineesh Dr.Sourav	Lekshmi Manu	D.905 ALF BCDS	36.5	1.22	213	93

299	Theyyunni 391779	CAD, TVD, GD LV, HTN, DM, DLP	CABG	Dr.Vivek Dr.Rhenus	Lekshmi Manu	Affinity ALF BCDS	63.2	1.71	82	53
300	Nabeel 381844	AC111HD, OS ASD, GD LV, SR	ASD Closure	Dr.Bineesh Dr.Rhenus	Lekshmi Manu	D.905 ALF	55	1.63	48	29
301	Asna 312279	OS ASD, MILD PAH, ACHD, GD LV	ASD Closure	Dr.Thomas Dr.Sujith	Thaslim Manu	D.905	23.5	0.91	33	12
302	Krishnendu 329433	SEV MR, CAL MS, OS ASD, SEV PAH	MVR+ASD	Dr.Thomas Dr.Rhenus	Thaslim Manu	Affinity BCDS	48.5	1.45	94	62
303	Amal Deepu 3609937	ACHD, SP VSD, MILD AR,SEV PAH	VSD Closure	Dr.Sabarinath Dr.Rhenus	Monsy Manu	Capiox SX PBCDS HC(i)	10	0.47	106	59
304	Manya 220354	TOF, VALV PS, GD CONFLUENT PA, SR	ICR	Dr.Thomas Dr.Sujith	Thaslim Manu	D.905 PBCDS HC	28	1.05	143	21
305	Hanna 355941	CCHD,TOF,GD PA, SR, NC, GD LV	ICR	Dr.Sabarinath Dr.Rhenus	Sujith Manu	Baby RX PBCDS HC(i)	5.5	0.33	140	102
306	Pavithra 214294	CCHD, TOF, FAIR PA,RPA STENOSIS	ICR+BDG Take Down	Dr.Baiju Dr.Sujith	Monsy Manu	D.905 PBCDS HC	23.5	0.93	303	143
307	B/O Sinju 384237	SI,DC,MOD PAH,SR	PA Banding	Dr.Sabarinath Dr.Simon	Sujith Manu	Baby RX HC(i)	4.1	0.26	50	10
308	Thalavai 368273	TOF, VALV PS, CONFL PA, SR	ICR	Dr.Thomas Dr.Rhenus	Sujith Manu	Capiox SX HC(i)	17	0.73	147	65
309	Nasriya 366908	ACHD, SV ASD, MILD PAH	ASD Closure	Dr.Sabarinath Dr.Sujith	Sujith Manu	Capiox Sx	11	0.53	97	25
310	Gouri.S.Lal 362321	ACHD, OS ASD, GD LV, SR	ASD Closure	Dr.Sabarinath Dr.Sujith	Sujith Manu	D.905	29	1.01	35	16

311	Geethika 388824	SV ASD, SR, NC, ACHD	ASD Closure	Dr.Sabarinath Dr.Rhenus	Sujith Manu	Capiox Sx	12	0.54	60	25
312	Abdurahiman 389793	DTGA, SEV POST.SCA CoA, ARCH HYPOPLASIA	ASO+ Arch Repair	Dr.Thomas Dr.Sujith	Monsy Manu	Baby RX HC(i)	2.8	0.19	410	220
313	Darshan 348274	SA VSD, MILD AR, SEV PAH	VSD Closure	Dr.Thomas Dr.Rhenus	Thaslim Manu	A.Pixie PBCDS	12.5	0.56	54	27
314	Lavanya 346230	ACHD, SA VSD, SMALL PDA, MOD PAH	VSD Closure	Dr.Baiju Dr.Rhenus	Monsy Manu	D.905 PBCDS	21	0.84	179	148
315	Parvana 340838	TOF, INFUNDIBULAR PS,CONFL PA, SR	ICR	Dr.Sabarinath Dr.Sujith	Sujith Manu	Capiox SX PBCDS	12	0.54	95	63
316	Shadia 386384	CCHD,C-TAPVC, RESTRICTIVE ADS, MOD PAH,SR	TAPVC Repair	Dr.Sabarinath Dr.Rhenus	Monsy Manu	Baby RX HC(i)	2.8	0.19	125	-
317	Binu Kumar 381984	OS ASD, ACHD, GD LV, MOD PAH	ASD Closure	Dr.Sabarinath Dr.Rhenus	Thaslim Manu	D.902	12	0.56	61	24
318	Salman Faris 342700	CCHD, TOF, GD PA, SR,NC	ICR	Dr.Sabarinath Dr.Sujith	Monsy Manu	Capiox SX PBCDS HC(i)	11.5	0.54	140	90
319	B/O Fasila 385241	TOF, INF+VALVL PS, GD CONFL PA, SR	ICR	Dr.Baiju Dr.Sujith	Sujith Manu	Baby RX HC(i)	3.8	0.24	105	73
320	B/O Jaaseena 389603	DTGA, SP VSD, IVS, P/BAS	ASO+VSD Closure	Dr.Thomas Dr.Rhenus	Monsy Manu	Baby RX HC(i)	2.3	0.16	229	135
321	Velayudhan 384458	CAD, TVD, GD LV, HTN, DM	CABG	Dr.Jayakumar Dr.Bineesh	Don Manu	Affinity ALF	6.2	1.67	81	40

322	Soudamini 386442	CAD, DVD, LMCA, HTN, DM	CABG	Dr.Jayakumar Dr.Bineesh	Rijesh Manu	Affinity ALF	36	1.48	76	34
323	Achuthan 380327	CAD, TVD, AWMI, FAIR LV, DLP	CABG	Dr.Jayakumar Dr.Bineesh	Maya Manu	Affinity ALF	62.5	1.69	96	53
324	Mary Kutty 375172	RHD, SEV MR, CAL MS, OS ASD, GD LV	MVR+ASD Closure	Dr.Vivek Dr.Sivaprasad	Rijesh Manu	Affinity ALF BCDS	55.2	1.54	118	90
325	Udaya Kumar 382444	CAD, TVD, MILD LVD, ACS, HTN, DM	CABG	Dr.Vivek Dr.Sivaprasad	Sujith Manu	Affinity ALF BCDS	63.2	1.74	98	51
326	Josna Mathew 401390	CCHD,PA VSD,B/L SVC	BT Shunt	Dr.Sabarinath Dr.Vijay	Don Manu	Baby RX HC(i)	3.1	0.23	126	
327	Abjith 265062	TOF, INF+VALVL PS, GD CONFL PA, SR	ICR	Dr.Baiju Dr.Sourav	Thaslim Manu	D.905 PCP-I BCDS	19	0.77	224	147
328	Albino Shiju 392542	ACHD, SA VSD, SMALL PDA, MOD PAH	VSD Closure	Dr.Sabarinath Dr.Sourav nanda	Don Manu	Capiox SX ICP BCDS	12	0.54	103	81
329	Abhi Manoj 347939	CCHD,TOF,MOD PAH	ICR+BT Shunt	Dr.Baiju Dr.Vijay	Thaslim Manu	Capiox SX ICP BCDS	10.5	0.50	150	105
330	Abdul Hameed 396891	DIL LV,SV,MILD TR,SEV PS	BDG	Dr.Sabarinath Dr.Sourav	Don Manu	Baby Rx HC(i)	3.2	0.21	73	18
331	Rasha Fathima 385986	ACHD, SA VSD, SMALL PDA, MOD PAH	VSD Closure	Dr.Sabarinath Dr.Vijay	Don Manu	Baby RX BCDS HC	5.3	0.31	65	43
332	Abhinav Menon 399355	ACHD,SP VSD,SR,NC	VSD Closure	Dr.Baiju Dr.Sourav	Thaslim Manu	D.905 BCDS HC	23	0.85	60	40

333	Kanishka 401283	ACHD,SV ASD,PDA	ASD+PDA Ligation	Dr.Baiju Dr.Sourav	Don Manu	BabyRX ICP	5.5	0.31	51	16
334	Nashidha Sherin 364005	ACHD, SA VSD, SMALL PDA, MOD PAH	VSD Closure	Dr.Baiju Dr.Vijay	Monsy Manu	D.902 PCP-II BCDS	16	0.69	68	50
335	Prasanna 400273	PA IVS,PDA DEP PULM CRC,	BDG+Atrial Septectomy	Dr.Sabarinath Dr.Vijay	Monsy Manu	BabyRX ICP	5	0.29	95	11
334	Sayyid Alavi 401510	CCHD,TOF,CONFLUEN T PA,LEFT ARCH SR	ICR	Dr.Baiju Dr.Sourav	Don Manu	Baby RX BCDS HC	6.2	0.33	237	177
335	Yamuna Devi 395216	ACHD,SAM,SEV AS,MILD AR,CONC LVH	SAM Excision	Dr.Sabarinath Dr.Sourav	Thaslim Manu	D.905 PCP-II BCDS	18.5	0.80	186	143
336	Abhirami 351201	CCHD,TOF,CONFLUEN T PA,LEFT ARCH SR	ICR	Dr.Sabarinath Dr.Sourav	Don Manu	Capiox SX BCDS	13	0.57	96	58
337	Archana 389705	ACHD,VSD,SEV PAH,SR,NC	VSD Closure	Dr.Baiju Dr.Vijay	Thaslim Manu	BabyRX BCDS HC(i)	7	0.37	54	41
338	B/O Sujisha 399553	ACHD,SAVSD,MOD AR,SR	VSD Closure	Dr.Thomas Dr.Sourav nanda	Don Manu	Baby RX BCDS HC(i)	4	0.25	183	100
339	Muhammaed 394290	CCHD,TOF,VALVAR PS,CONF PA	ICR	Dr.Thomas Dr.Vijay	Monsy Manu	Baby RX BCDS	8	0.41	86	48
340	B/O Revathy 402238	CCHD,SP VSD,DORV,ARCH HYPOPLASIA	ASO+AO Repair	Dr.Baiju Dr.Sabarinath	Thaslim Manu	Baby RX HC(i)	2.2	0.16	401	267
341	Sreehari 397594	ACHD,SAVSD,SR	VSD Closure	Dr.Sabarinath Dr.Sourav	Don Manu	Capiox SX BCDS	11.5	0.53	117	88

342	Anujith 321470	CCHD,TOF,S/P BTS,GD CONF PA,SR	ICR+BTS Take Down	Dr.Baiju Dr.Vijay	Monsy Manu	Capiox SX BCDS HC(i)	10	0.50	147	103
343	Mahalakshmi 392476	OS ASD,NO PAH,GDLV	ASD Closure	Dr.Sabarinath Dr.Vijay	Don Manu	Capiox SX	11	0.54	62	23
344	Dijeesh 393917	CAVCD,OS ASD,MOD AVVRPAH,SR	AV Canal Repair	Dr.Thomas Dr.Sourav	Thaslim Manu	Baby RX BCDS	5.5	0.31	118	91
345	B/O Ajitha 400430	ACHD,POST SB CLVN COA,VSD,SEV PAH	CoA-Repair +VSD Closure	Dr.Thomas Dr.Sujith	Monsy Manu	Baby Rx HC(i)	2.7	0.18	200	104
345	Athul 384766	CCHD,TOF,ABSENT PUL VALVE,ASD	ICR	Dr.Sabarinath Dr.Sourav	Don Manu	Baby RX BCDS HC(i)	6	0.33	197	111
346	Aryaman Misra 379819	CCHD,TOF,VALVAR PS,CONF PA	ICR	Dr.Baiju Dr.Vijay	Monsy Manu	A.pixie BCDS	10	0.44	150	121
347	Shiranjeevi 396523	DIL LV,SV,MILD TR,SEV PS	BDG	Dr.Sabarinath Dr.Vijay	Monsy Manu	Baby RX	5	0.26	64	125
348	Ayana 318090	CCHD,TOF,VALVAR PS,CONF PA	ICR	Dr.Sabarinath Dr.Vijay	Monsy Manu	Capiox SX BCDS	15.5	0.67	190	125
349	Parvathi 384843	CCHD,TOF,CONF PA,LEFT ARCH	ICR	Dr.Baiju Dr.Sourav	Shanu Manu	Baby RX BCDS HC	6.5	0.35	151	118
350	B/O Sabeena 395911	CCHD,C-TAPVC, RESTRICTIVE ASD,MOD PAH,SR,NC	TAPVC	Dr.Thomas Dr.Simon	Monsy Manu	Baby RX BCDS HC	2.3	0.15	115	77

CASES DONE UNDER

SUPERVISION

PERFUSION DATA

PATIENT DETAILS

NAME	MANIKANDAN
HOSPITAL NO	384358
HEIGHT(cm)	165
WEIGHT(kg)	50.5
BSA(m ²)	1.52
Avg.FLOW(L/min)	3.65
PROCEDURE	ASD COLSURE+PAPVC REROUTING
DIAGNOSIS	ACHD,SV ASD,MILD PAH,MILD TR,GD LV
SURGEONS	DR.VARGHESE.T.PANICKER/DR.ROHITH
PERFUSIONIST	MANU/LEKSHMI
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	0.8	3.2	12

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1000ML, 500ML(AORTIC ROOT)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	22(DLP)	28(RMI)	
24(Edwards)			

BYPASS TIME (min)	112
CROSS CLAMP TIME (min)	66
URINE OUTPUT (mL)	225

BYPASS DATA

TEMPERATURE	33	35
ARTERIAL PRESSURE	59	65
Ph	7.36	7.43
pCO₂	50.1	36.5
pO₂	179	179
BASE	0.6	-1.3
O₂ SATURATION	100	99.6
K⁺	4.4	4.5
HEMOGLOBIN	12.7	11.7
Hct	36.0	39.0

PATIENT DETAILS

NAME	SEYADHU SHEBAYEEDEN
HOSPITAL NO	390551
HEIGHT(cm)	58
WEIGHT(kg)	168
BSA(m²)	1.62
Avg.FLOW(L/min)	3.45
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,NO PAH.GDLV,SR
SURGEONS	DR,BINEESH,DR REENUS
PERFUSIONIST	MANU,LEKSHMI
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	1.0	3.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	30(RMI)	30(RMI)	
24(Edwards)			

BYPASS TIME (min)	65
CROSS CLAMP TIME (min)	28
URINE OUTPUT (mL)	300

BYPASS DATA

TEMPERATURE	33	35
ARTERIAL PRESSURE	50	60
Ph	7.38	7.42
pCO₂	36.2	38.0
pO₂	220	265
BASE	0.3	-1.2
O₂ SATURATION	99.9	100
K⁺	3.5	4.0
HEMOGLOBIN	9.6	9.8
Hct	30	30.1

PERFUSION DATA

PATIENT DETAILS

NAME	MAHALAKSHMI
HOSPITAL NO	392476
HEIGHT(cm)	97
WEIGHT(kg)	11
BSA(m ²)	0.54
Avg.FLOW(L/min)	1.30
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD
SURGEONS	DR.SABARI NATH, DR.VIJAY
PERFUSIONIST	MANU, DON
OXYGENATOR	CAPIOX SX 10R

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	0.8	3.5	9

PRIME(ml)	RINGER	MANNITOL	BICARBONATE	BLOOD	FFP
	130	10	10	150	150

CARDIOPLEGIA
220ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	16(DLP)	16(DLP)	
12(DLP)			

BYPASS TIME (min)	62
CROSS CLAMP TIME (min)	23
URINE OUTPUT (mL)	85

BYPASS DATA

TEMPERATURE	36	
ARTERIAL PRESSURE	50	
Ph	7.37	
pCO₂	40.1	
pO₂	168	
BASE	-1.4	
O₂ SATURATION	99.9	
K⁺	3.6	
HEMOGLOBIN	9.0	
Hct	27	

PERFUSION DATA

PATIENT DETAILS

NAME	SALEEK
HOSPITAL NO	387836
HEIGHT(cm)	184
WEIGHT(kg)	75.1
BSA(m ²)	1.95
Avg.FLOW(L/min)	4.30
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,MILD PAH,GDLV
SURGEONS	DR.BINEESH,DR.VIJAY
PERFUSIONIST	MANU,SHANU
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	17	1.0	3.5	17

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	30(RMI)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	66
CROSS CLAMP TIME (min)	37
URINE OUTPUT (mL)	100

BYPASS DATA

TEMPERATURE	32	35
ARTERIAL PRESSURE	56	60
Ph	7.41	7.43
pCO₂	34	42
pO₂	250	300
BASE	0.5	1.3
O₂ SATURATION	100.1	100
K⁺	4.7	4.5
HEMOGLOBIN	13.8	12.1
Hct	47.2	37.1

PATIENT DETAILS

NAME	ISMAIL
HOSPITAL NO	376371
HEIGHT(cm)	168.5
WEIGHT(kg)	47
BSA(m²)	1.48
Avg.FLOW(L/min)	3.26
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,ACHD,NOPAH,SR
SURGEONS	DR.BINEESH,DR.VIJAY
PERFUSIONIST	MANU,MAYA
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	0.9	4.0	15

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	900	50	50		

CARDIOPLEGIA
1000ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	28(DLP)	30(RMI)	
21(Edwards)			

BYPASS TIME (min)	61
CROSS CLAMP TIME (min)	29
URINE OUTPUT (mL)	230

BYPASS DATA

TEMPERATURE	32	35
ARTERIAL PRESSURE	60	65
Ph	7.32	7.39
pCO₂	34	35
pO₂	258	246
BASE	2.0	1.5
O₂ SATURATION	100	100
K⁺	4.4	4.5
HEMOGLOBIN	10.1	10
Hct	30	30.5

PATIENT DETAILS

NAME	RAHUL
HOSPITAL NO	374116
HEIGHT(cm)	157
WEIGHT(kg)	34
BSA(m ²)	1.21
Avg.FLOW(L/min)	2.67
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,ACHD,MILD PAH,GDLV,SR
SURGEONS	DR.VARGHESE.T.PANICKER,DR.REENUS
PERFUSIONIST	MANU, DON
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14.5	0.8	4.5	18

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	900		50		

CARDIOPLEGIA	
1000ml(Aortic Root)	

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
21(Edwards)	28(DLP)	30(RMI)	

BYPASS TIME (min)	104
CROSS CLAMP TIME (min)	37
URINE OUTPUT (mL)	150

BYPASS DATA

TEMPERATURE	32	35
ARTERIAL PRESSURE	54	59
Ph	7.45	7.46
pCO₂	36	42
pO₂	258	268
BASE	-1.2	1.3
O₂ SATURATION	100	100
K⁺	4.3	4.0
HEMOGLOBIN	10	9.6
Hct	30	29.7

PATIENT DETAILS

NAME	VISHNU
HOSPITAL NO	394825
HEIGHT(cm)	177
WEIGHT(kg)	59.5
BSA(m ²)	1.71
Avg.FLOW(L/min)	3.76
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,ACHD,MILD PAH,GD LV
SURGEONS	DR.BINEESH, DR.VIJAY
PERFUSIONIST	MANU, MANU
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.2	5.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000		50		

CARDIOPLEGIA	
1200mL(Aortic Root)	

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	30(RMI)	32(RMI)	

BYPASS TIME (min)	52
CROSS CLAMP TIME (min)	22
URINE OUTPUT (mL)	140

BYPASS DATA

TEMPERATURE	32	34
ARTERIAL PRESSURE	54	56
Ph	7.35	7.48
pCO₂	42	35
pO₂	300	326
BASE	-1.0	-1.0
O₂ SATURATION	99.9	99.9
K⁺	5.0	5.0
HEMOGLOBIN	12.2	12.0
Hct	38	37

PATIENT DETAILS

NAME	RAJEEV
HOSPITAL NO	388865
HEIGHT(cm)	165
WEIGHT(kg)	66.5
BSA(m ²)	1.75
Avg.FLOW(L/min)	3.85
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,ACHD,MILD PAH,GD LV.SR
SURGEONS	DR.BINEESH, DR.REENUS
PERFUSIONIST	MANU, SHANU
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.0	4.0	16

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	30(DLP)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	64
CROSS CLAMP TIME (min)	31
URINE OUTPUT (mL)	30

BYPASS DATA

TEMPERATURE	32	34
ARTERIAL PRESSURE	55	63
Ph	7.32	7.35
pCO₂	35	39
pO₂	302	321
BASE	1.9	1.2
O₂ SATURATION	100	99.9
K⁺	3.6	3.8
HEMOGLOBIN	11	11.5
Hct	33.8	35.3

PATIENT DETAILS

NAME	NIZA
HOSPITAL NO	9801321
HEIGHT(cm)	168
WEIGHT(kg)	60
BSA(m ²)	1.67
Avg.FLOW(L/min)	3.78
PROCEDURE	ASD CLOURE
DIAGNOSIS	ACHD,OS ASD,NO PAH.GD LV,SR
SURGEONS	DR.BINEESH, DR.VIJAY
PERFUSIONIST	MANU, LEKSHMI
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	1.0	4.5	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	30(RMI)	32(RMI)	

BYPASS TIME (min)	65
CROSS CLAMP TIME (min)	32
URINE OUTPUT (mL)	250

BYPASS DATA

TEMPERATURE	32	35
ARTERIAL PRESSURE	45	65
Ph	7.36	7.45
pCO₂	34	39
pO₂	298	302
BASE	2.3	2.0
O₂ SATURATION	99.5	100
K⁺	3.8	4.2
HEMOGLOBIN	9.0	10
Hct	27	30

PATIENT DETAILS

NAME	JAICY RAJU
HOSPITAL NO	390054
HEIGHT(cm)	165
WEIGHT(kg)	73.5
BSA(m ²)	1.83
Avg.FLOW(L/min)	4.03
PROCEDURE	ASD CLOSURE
DIAGNOSIS	SV ASD
SURGEONS	DR.BINEESH, DR SUJITH
PERFUSIONIST	MANU, LEKSHMI
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	1.0	4.6	15

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	28(DLP)	30(RMI)	

BYPASS TIME (min)	59
CROSS CLAMP TIME (min)	41
URINE OUTPUT (mL)	125

BYPASS DATA

TEMPERATURE	31	34
ARTERIAL PRESSURE	49	58
Ph	7.36	7.42
pCO₂	35	42
pO₂	278	296
BASE	0.8	1.3
O₂ SATURATION	99.9	99.9
K⁺	4.1	4.5
HEMOGLOBIN	9.7	9.9
Hct	30	30.6

PATIENT DETAILS

NAME	ABDUL RASHEED
HOSPITAL NO	358565
HEIGHT(cm)	177
WEIGHT(kg)	69.7
BSA(m ²)	1.85
Avg.FLOW(L/min)	4.0
PROCEDURE	ASD CLOSURE
DIAGNOSIS	OS ASD,ACHD,MILD PAH,GD LV,SR
SURGEONS	DR.BINEESH, DR SOURAV
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16.5	0.7	4.0	12

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	900	50	50		

CARDIOPLEGIA	
1200ml(Aortic Root)	

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	30(RMI)	32(RMI)	

BYPASS TIME (min)	32
CROSS CLAMP TIME (min)	14
URINE OUTPUT (mL)	20

BYPASS DATA

TEMPERATURE	33	-
ARTERIAL PRESSURE	56	-
Ph	7.44	-
pCO₂	40	-
pO₂	158	-
BASE	1.3	-
O₂ SATURATION	100	-
K⁺	4.2	-
HEMOGLOBIN	12.9	-
Hct	39.6	-

PATIENT DETAILS

NAME	VALARMATHI
HOSPITAL NO	385012
HEIGHT(cm)	157.5
WEIGHT(kg)	40.5
BSA(m ²)	1.33
Avg.FLOW(L/min)	2.92
PROCEDURE	ASD CLOSURE
DIAGNOSIS	ACHD,OS ASD,NO PAH,GD LV
SURGEONS	DR.BINEESH,DR.SUJITH
PERFUSIONIST	MANU, MAYA
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	1.0	3.8	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	800	50	50		

CARDIOPLEGIA
900ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	26(DLP)	28(DLP)	

BYPASS TIME (min)	38
CROSS CLAMP TIME (min)	22
URINE OUTPUT (mL)	15

BYPASS DATA

TEMPERATURE	34	36
ARTERIAL PRESSURE	60	61
Ph	7.35	7.44
pCO₂	35.2	47.9
pO₂	277	257
BASE	0.8	0.6
O₂ SATURATION	99.9	99.9
K⁺	3.9	4.1
HEMOGLOBIN	8.8	9.2
Hct	27	29

PATIENT DETAILS

NAME	HAMZA
HOSPITAL NO	354796
HEIGHT(cm)	166
WEIGHT(kg)	82
BSA(m²)	1.94
Avg.FLOW(L/min)	4.27
PROCEDURE	ASD CLOSURE
DIAGNOSIS	ACHD,OS ASD,MILD PAH,GD LV
SURGEONS	DR.BINEESH,DR,VIJAY
PERFUSIONIST	MANU, SUJITH
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.0	4.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200ml, (Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	34(RMI)	36(RMI)	
24(Edwards)			

BYPASS TIME (min)	82
CROSS CLAMP TIME (min)	35
URINE OUTPUT (mL)	800

BYPASS DATA

TEMPERATURE	32	36
ARTERIAL PRESSURE	60	60
Ph	7.37	7.49
pCO₂	40.9	32.4
pO₂	238	232
BASE	-1.4	1.8
O₂ SATURATION	99.8	99.9
K⁺	4.4	5.0
HEMOGLOBIN	11.5	12
Hct	35	37

PATIENT DETAILS

NAME	AMEER
HOSPITAL NO	377033
HEIGHT(cm)	164.6
WEIGHT(kg)	37.5
BSA(m²)	1.30
Avg.FLOW(L/min)	3.14
PROCEDURE	ASD CLOSURE
DIAGNOSIS	ACHD,OS ASD,NO PAH,PAPVC,SR
SURGEONS	DR.BINEESH, DR.SOURAV
PERFUSIONIST	MANU, MAYA
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	0.8	5.0	18

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	800	50	50		

CARDIOPLEGIA
900ml(AORTIC ROOT)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	26(DLP)	28(DLP)	
21(Edwards)			

BYPASS TIME (min)	59
CROSS CLAMP TIME (min)	34
URINE OUTPUT (mL)	325

BYPASS DATA

TEMPERATURE	33	36.2
ARTERIAL PRESSURE	60	61
Ph	7.33	7.39
pCO₂	45.5	39.8
pO₂	307	224
BASE	-2.4	-1.1
O₂ SATURATION	99.9	99.9
K⁺	5.0	4.0
HEMOGLOBIN	12	10.9
Hct	32	31.1

PATIENT DETAILS

NAME	RATHEESH
HOSPITAL NO	357483
HEIGHT(cm)	160.5
WEIGHT(kg)	60
BSA(m ²)	1.63
Avg.FLOW(L/min)	3.59
PROCEDURE	ASD CLOSURE
DIAGNOSIS	ACHD,MLTIPLE PERFORATED ASD,MILD PAH
SURGEONS	DR.BINEESH, DR.CHIRAG
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	13.5	0.8	4.5	16

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	800	50	50		

CARDIOPLEGIA
1200ml(AORTIC ROOT)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)	30(RMI)	32(RMI)	

BYPASS TIME (min)	63
CROSS CLAMP TIME (min)	40
URINE OUTPUT (mL)	60

BYPASS DATA

TEMPERATURE	33	36
ARTERIAL PRESSURE	69	59
Ph	7.37	7.40
pCO₂	38.7	38.5
pO₂	304	182
BASE	-2.4	-0.5
O₂ SATURATION	99.9	99.6
K⁺	4.7	4.4
HEMOGLOBIN	7.6	8.1
Hct	24	25

PATIENT DETAILS

NAME	HAMZA
HOSPITAL NO	381384
HEIGHT(cm)	175
WEIGHT(kg)	68
BSA(m²)	1.81
Avg.FLOW(L/min)	3.99
PROCEDURE	ASD CLOSURE
DIAGNOSIS	SV ASD,LSVC,MOD PAH,HTN
SURGEONS	DR.BINEESH,DR.SUJITH
PERFUSIONIST	MANU, SUJITH
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.2	4.5	15

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1100	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	LSVC
	18(DLP)	32(RMI)	18(DLP)
24(Edwards)			

BYPASS TIME (min)	75
CROSS CLAMP TIME (min)	39
URINE OUTPUT (mL)	200

BYPASS DATA

TEMPERATURE	32	35
ARTERIAL PRESSURE	48	51
Ph	7.42	7.43
pCO₂	36.1	37.7
pO₂	274	193
BASE	-0.1	0.4
O₂ SATURATION	100	99.9
K⁺	4.9	4.6
HEMOGLOBIN	12.8	12.9
Hct	39.6	39.4

PATIENT DETAILS

NAME	NABEEL
HOSPITAL NO	381844
HEIGHT(cm)	176
WEIGHT(kg)	55
BSA(m²)	1.63
Avg.FLOW(L/min)	3.60
PROCEDURE	ASD CLOSURE
DIAGNOSIS	ACHD,OS ASD,GD LV,SR
SURGEONS	DR.BINEESH,DR.REENUS
PERFUSIONIST	MANU, LEKSHMI
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	0.9	4.5	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	900	50	50		

CARDIOPLEGIA
1200ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	30(RMI)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	48
CROSS CLAMP TIME (min)	29
URINE OUTPUT (mL)	50

BYPASS DATA

TEMPERATURE	33	-
ARTERIAL PRESSURE	59	-
Ph	7.33	-
pCO₂	42.0	-
pO₂	242	-
BASE	0.1	-
O₂ SATURATION	100	-
K⁺	4.3	-
HEMOGLOBIN	9.2	-
Hct	28.4	-

PATIENT DETAILS

NAME	RAMACHANDRAN
HOSPITAL NO	250403
HEIGHT(cm)	167
WEIGHT(kg)	48.7
BSA(m ²)	1.50
Avg.FLOW(L/min)	3.30
PROCEDURE	AVR
DIAGNOSIS	RHD,SEV AR,MILD MR,MILD LVD,MILD PAH,SR
SURGEONS	DR.BINEESH, DR.VIJAY
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.0	4.0	14

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1100	50	50		

CARDIOPLEGIA
650(LCA)+400(RCA)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
21(Edwards)			32x40(RMI)

BYPASS TIME (min)	87
CROSS CLAMP TIME (min)	41
URINE OUTPUT (mL)	150

BYPASS DATA

TEMPERATURE	29	36
ARTERIAL PRESSURE	60	60
Ph	7.46	7.40
pCO₂	33.0	35.2
pO₂	220	291
BASE	-2.2	0.2
O₂ SATURATION	99.8	99.9
K⁺	4.5	4.0
HEMOGLOBIN	10.8	11.0
Hct	33	34

PATIENT DETAILS

NAME	GOPINATHAN NAIR
HOSPITAL NO	384809
HEIGHT(cm)	170
WEIGHT(kg)	89.8
BSA(m²)	2.05
Avg.FLOW(L/min)	4.52
PROCEDURE	AVR
DIAGNOSIS	RHD,CAL AS,MILD AR,SEIZURE
SURGEONS	DR.BINEESH, DR VIJAY
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	15.5	1.2	4.5	14

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1100	50	50		

CARDIOPLEGIA
700(LCA)+500(RCA), 350(LCA)+250(RCA)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)			34x46(RMI)

BYPASS TIME (min)	84
CROSS CLAMP TIME (min)	63
URINE OUTPUT (mL)	700

BYPASS DATA

TEMPERATURE	30	36
ARTERIAL PRESSURE	60	68
Ph	7.37	7.40
pCO₂	41.2	38.4
pO₂	244	302
BASE	-0.7	-1.1
O₂ SATURATION	99.2	99.2
K⁺	4.7	4.5
HEMOGLOBIN	9.5	9.5
Hct	29.4	29.3

PATIENT DETAILS

NAME	BALASUBRAMANYAN
HOSPITAL NO	387264
HEIGHT(cm)	167.5
WEIGHT(kg)	55
BSA(m²)	1.59
Avg.FLOW(L/min)	3.51
PROCEDURE	AVR
DIAGNOSIS	SEV AR,DIL LV,MOD LVD,NO PAH
SURGEONS	DR.BINEESH, DR VIJAY
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	15.5	0.8	4.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1100	50	50		

CARDIOPLEGIA
700(LCA)+500(RCA), 350(LCA)+250(RCA)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)			32x40(RMI)

BYPASS TIME (min)	98
CROSS CLAMP TIME (min)	63
URINE OUTPUT (mL)	400

BYPASS DATA

TEMPERATURE	30	36.2
ARTERIAL PRESSURE	50	60
Ph	7.39	7.42
pCO₂	37.4	38.7
pO₂	234	284
BASE	0.4	-1.6
O₂ SATURATION	100	99.8
K⁺	4.1	4.3
HEMOGLOBIN	9.8	10.5
Hct	30.4	33

PATIENT DETAILS

NAME	JHONCY PRABHA
HOSPITAL NO	372646
HEIGHT(cm)	155
WEIGHT(kg)	59
BSA(m²)	1.62
Avg.FLOW(L/min)	3.45
PROCEDURE	AVR
DIAGNOSIS	SEV CAL AS,LVH,DAEF AND MUTE,GD LV
SURGEONS	DR.BINEESH, DR.VIJAY
PERFUSIONIST	MANU, MAYA
OXYGENATOR	AFFINITY

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	1.0	3.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
700(LCA)+500(RCA), 350(LCA)+250(RCA)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)			32x40(RMI)

BYPASS TIME (min)	94
CROSS CLAMP TIME (min)	47
URINE OUTPUT (mL)	500

BYPASS DATA

TEMPERATURE	30	34
ARTERIAL PRESSURE	56	62
Ph	7.37	7.45
pCO₂	40.2	33.5
pO₂	258	305
BASE	1.2	0.2
O₂ SATURATION	100	100
K⁺	4.3	4.4
HEMOGLOBIN	10.0	11.0
Hct	30.0	33.0

PATIENT DETAILS

NAME	USHA RAVI
HOSPITAL NO	38358
HEIGHT(cm)	147
WEIGHT(kg)	41
BSA(m²)	1.29
Avg.FLOW(L/min)	2.34
PROCEDURE	MVR
DIAGNOSIS	RHD,SEV MS,MOD MR,
SURGEONS	DR.VARGHESE.T.PANICKER,DR SUJITH
PERFUSIONIST	MANU, SUJITH
OXYGENATOR	D.905

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K⁺ (mEq/L)	UREA NITROGEN (mg%)
	17	1.0	4.0	8

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA	
950ml, 450ml (Aortic Root)	

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	22(DLP)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	95
CROSS CLAMP TIME (min)	57
URINE OUTPUT (mL)	1000

BYPASS DATA

TEMPERATURE	30	35
ARTERIAL PRESSURE	54	67
Ph	7.47	7.54
pCO₂	28.2	33.2
pO₂	262	349
BASE	1.1	1.2
O₂ SATURATION	100	100
K⁺	4.4	4.8
HEMOGLOBIN	9.2	9.0
Hct	28.6	28

PERFUSION DATA

PATIENT DETAILS

NAME	SANTHA
HOSPITAL NO	398881
HEIGHT(cm)	140
WEIGHT(kg)	51.2
BSA(m ²)	1.44
Avg.FLOW(L/min)	3.45
PROCEDURE	MVR
DIAGNOSIS	RHD,MILD MR,SEV MS,SEV PAH
SURGEONS	DR.BINEESH/DR.ROHITH
PERFUSIONIST	MANU/LEKSHMI
OXYGENATOR	AFFINITY/BCDS

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	0.8	3.1	14

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
1000mL,500MI (Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	30(DLP)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	87
CROSS CLAMP TIME (min)	60
URINE OUTPUT (mL)	1100

BYPASS DATA

TEMPERATURE	30	34
ARTERIAL PRESSURE	45	48
Ph	7.55	7.44
pCO₂	30.9	39.6
pO₂	302	261
BASE	4.9	2.8
O₂ SATURATION	99.8	100
K⁺	3.5	3.8
HEMOGLOBIN	8.5	8.6
Hct	26.4	26.8

PERFUSION DATA

PATIENT DETAILS

NAME	KAMALAM
HOSPITAL NO	364133
HEIGHT(cm)	152.5
WEIGHT(kg)	50.5
BSA(m ²)	1.46
Avg.FLOW(L/min)	3.21
PROCEDURE	MVR
DIAGNOSIS	RHD,MILD MR,SEV MS,MOD PAH
SURGEONS	DR.BINEESH/DR.ROHITH
PERFUSIONIST	MANU/LEKSHMI
OXYGENATOR	AFFINITY/BCDS

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	13	0.8	4.0	9

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1000	50	50		

CARDIOPLEGIA
1200mL(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)		32(RMI)	30(RMI)

BYPASS TIME (min)	59
CROSS CLAMP TIME (min)	42
URINE OUTPUT (mL)	1100

BYPASS DATA

TEMPERATURE	31	33
ARTERIAL PRESSURE	61	60
pH	7.39	7.43
pCO₂	44.5	36.4
pO₂	319	333
BASE	2.1	0.6
O₂ SATURATION	100	100
K⁺	4.1	3.7
HEMOGLOBIN	7.7	9.8
Hct	24.0	30.4

PERFUSION DATA

PATIENT DETAILS

NAME	MUHAMMED SHAHEEM
HOSPITAL NO	395065
HEIGHT(cm)	174.5
WEIGHT(kg)	52
BSA(m ²)	1.58
Avg.FLOW(L/min)	3.80
PROCEDURE	DVR
DIAGNOSIS	RHD,SEV AR,MILD AS,MILD MS
SURGEONS	DR.VARGHESE.T.PANICKER/DR.REENUS
PERFUSIONIST	MANU/SUJITH
OXYGENATOR	AFFINITY/BCDS

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	0.9	3.5	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
650(LCA)+ 550(RCA), 350(LCA)+300(RCA), 350(LCA)+300(RCA)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
	22(DLP)	32(RMI)	
24(Edwards)			

BYPASS TIME (min)	167
CROSS CLAMP TIME (min)	123
URINE OUTPUT (mL)	1400

BYPASS DATA

TEMPERATURE	30	34
ARTERIAL PRESSURE	53	65
pH	7.34	7.42
pCO₂	50.1	36.5
pO₂	599	199
BASE	1.5	0.9
O₂ SATURATION	100.2	99
K⁺	5.0	4.3
HEMOGLOBIN	11.2	12.4
Hct	34.5	38.3

PERFUSION DATA

PATIENT DETAILS

NAME	GOPINATHAN.P
HOSPITAL NO	390577
HEIGHT(cm)	169.5
WEIGHT(kg)	59
BSA(m ²)	1.64
Avg.FLOW(L/min)	3.95
PROCEDURE	CABG
DIAGNOSIS	CAD, CSA, TVD, MILD LVD
SURGEONS	DR.VARGHESE.T.PANICKER/DR.ROHITH
PERFUSIONIST	MANU/SUJITH
OXYGENATOR	AFFINITY/BCDS

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	15	1.0	3.0	11

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
1200ml, 500ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)			32x40(RMI)

BYPASS TIME (min)	124
CROSS CLAMP TIME (min)	75
URINE OUTPUT (mL)	1250

BYPASS DATA

TEMPERATURE	30	34
ARTERIAL PRESSURE	52	70
pH	7.29	7.38
pCO₂	53.3	41.1
pO₂	238	256
BASE	-0.8	-0.6
O₂ SATURATION	99.8	100
K⁺	6.7	5.4
HEMOGLOBIN	11.6	11.9
Hct	35.8	36.6

PERFUSION DATA

PATIENT DETAILS

NAME	INDRA
HOSPITAL NO	391060
HEIGHT(cm)	152.5
WEIGHT(kg)	72.5
BSA(m ²)	1.75
Avg.FLOW(L/min)	3.85
PROCEDURE	CABG
DIAGNOSIS	CAD, TVD,GD LV,HTN
SURGEONS	DR.VARGHESE.T.PANICKER/DR.REENUS
PERFUSIONIST	MANU/SUJITH
OXYGENATOR	AFFINITY/BCDS

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	16	1.0	3.8	15

PRIME(ml)	RINGER	MANNITOL	BICARBONATE		
	1200	50	50		

CARDIOPLEGIA
1200ml, 600ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
24(Edwards)			32x40(RMI)

BYPASS TIME (min)	103
CROSS CLAMP TIME (min)	55
URINE OUTPUT (mL)	1300

BYPASS DATA

TEMPERATURE	30	34
ARTERIAL PRESSURE	50	61
Ph	7.45	7.47
pCO₂	38.1	35.2
pO₂	279	308
BASE	2.8	2.1
O₂ SATURATION	100	100
K⁺	3.5	4.0
HEMOGLOBIN	7.6	8.9
Hct	23.8	27.6

PERFUSION DATA

PATIENT DETAILS

NAME	B/O PREETHA
HOSPITAL NO	404385
HEIGHT(cm)	46
WEIGHT(kg)	2.5
BSA(m ²)	0.17
Avg.FLOW(L/min)	0.46
PROCEDURE	TAPVC+BT SHUNT
DIAGNOSIS	CCHD, SEV PAH,RV DISFUNCTION
SURGEONS	DR.THOMAS, DR.NEERAJ
PERFUSIONIST	MANU, MONSY SAM
OXYGENATOR	BABY RX

PRE OPERATIVE	Hb (g%)	CREATININE (mg/dl)	K ⁺ (mEq/L)	UREA NITROGEN (mg%)
	14	1.0	4.8	15

PRIME(ml)	RINGER	MANNITOL	BICARBONATE	BLOOD	FFP
	55	5	5	50	150

CARDIOPLEGIA
60ml(Aortic Root)

CANNULA (Fr)			
ARTERIAL	VENOUS		
	SVC	IVC	RA
8(BIOMED)	10(DLP)	14(DLP)	18(BARD)

BYPASS TIME (min)	253
CROSS CLAMP TIME (min)	107
TCA TIME(min)	56
URINE OUTPUT (mL)	40
CUF(ml)	150
MUF(ml)	150

BYPASS DATA

TEMPERATURE	34	28	36
ARTERIAL PRESSURE	38	40	45
Ph	7.27	7.21	7.53
pCO₂	46.9	54.6	28.6
pO₂	271	238	265
BASE	-4.4	-5.1	1.7
O₂ SATURATION	99.3	99.1	99
K⁺	5.1	3.7	4.0
HEMOGLOBIN	11.8	12.6	14.0
Hct	36.3	38.6	43
LACTATE	5.0	10.1	8.8