

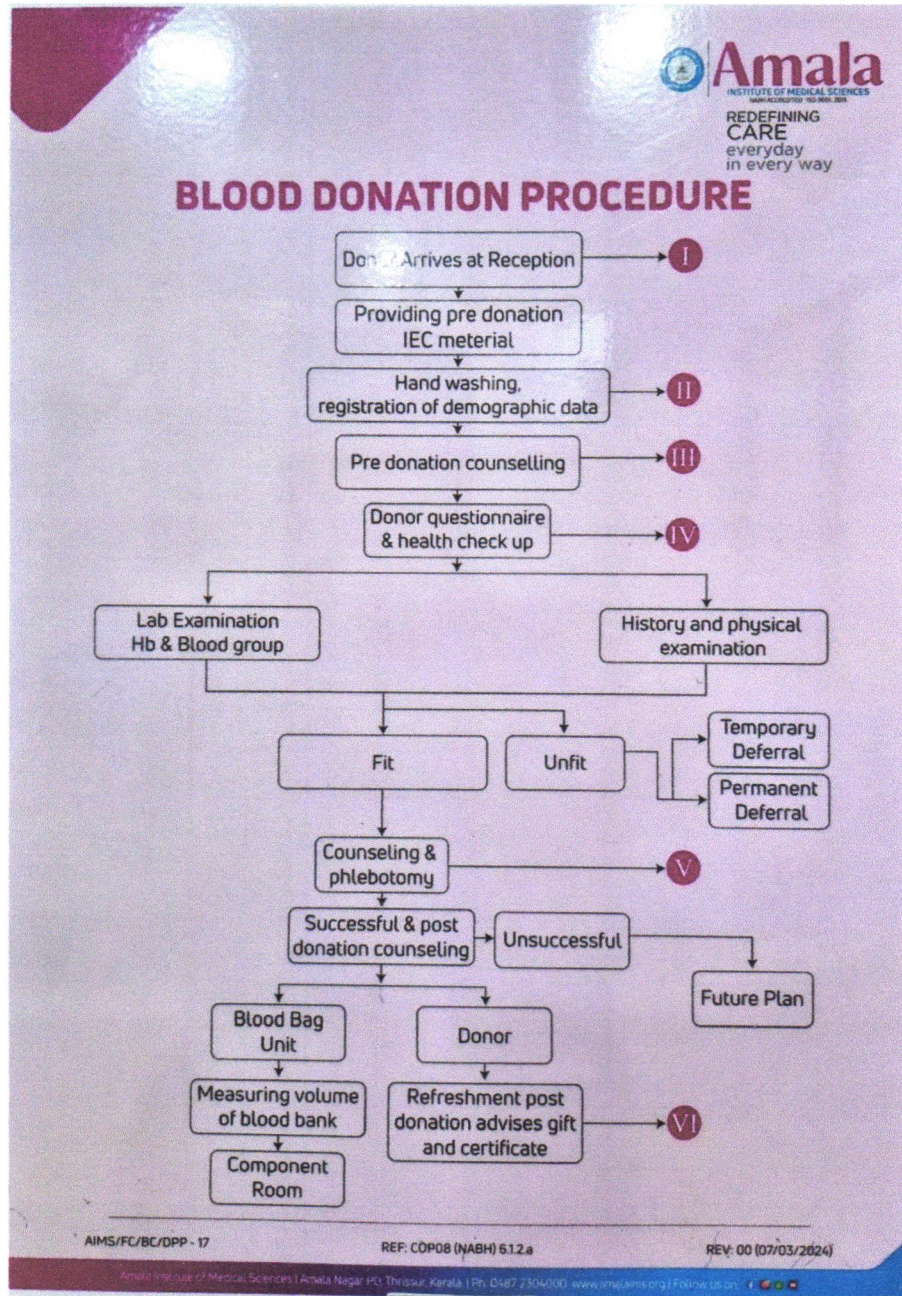
BLOOD BANK ORGANOGRAM

*Betsy*

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**BLOOD DONATION PROCEDURE FLOWCHART**



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## Department of Transfusion Medicine and ImmunoHaematology (Blood Centre)

License No: 050/28C/KER/DC-CLAA/97

### Patient Rights

- Right to receive treatment without any discrimination
- Information on diagnosis, plan of care, progress and on health care needs.
- Respect individual belief, values, spiritual and cultural needs
- Opportunity to involve in healthcare decision making process and care
- Respect for Personal dignity
- Privacy during examinations, procedures and treatment
- Protection from physical abuse and neglect
- Confidentiality of medical information
- Refusal of treatment
- Opportunity for Informed consent before blood transfusion, anaesthesia, surgery, research and invasive or high-risk procedures
- Opportunity and accessibility to voice a complaint via suggestion boxes or through complaint reporting officer
- Information on expected cost of treatment
- Access to clinical records through treating doctor
- Health Education.
- To seek an additional opinion regarding clinical care

### Patient Responsibilities

- Provide complete and accurate personal information including full name, address
- Provide complete and accurate information about their health, including present condition, past illnesses, hospitalizations, medications and any other matters that pertain to their health.
- To ask questions and clarify doubts regarding diagnosis and treatment
- Comply with the no-smoking and no liquor policy of the hospital
- Comply with the visitor policies
- Treat hospital staff, other patients, and visitors with courtesy and respect.
- Provide complete and accurate information for insurance claims to insurance department
- To pay for services billed for in a timely manner as per the hospital policies.
- To respect that some other patients' medical condition may be more urgent than yours and accept that your doctor may need to attend them first.
- To follow the prescribed treatment plan and carefully comply with the instructions given.
- To attend follow-up appointment as requested.

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### PATIENT RIGHTS AND RESPONSIBILITIES



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*Betsy*



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### Ethics and Blood Transfusion

The international society of blood transfusion (ISBT) instituted a code of ethics which are adopted by World Health Organisation (WHO) and can be divided into two Sub categories:-

#### A. Related to Blood Centres: Donors and Donations

1. Donations shall be voluntary and non- remunerated with informed consent.
2. Profit motive should not be the basis for the establishment of a blood service.
3. The donor's health and safety must be protected.
4. Anonymity between donor and recipient must be ensured.
5. The donor should understand the risks to others of donating infected blood.
6. Donation must be based on regularly reviewed medical selection criteria only.
7. Blood must be collected under a suitably qualified, registered medical practitioner.
8. All matters related should be in compliance with internationally accepted standards.
9. Donors and recipients should be informed if they have been harmed.
10. Blood is a public resource and access should not be restricted.
11. Wastage should be avoided.

#### B. Related to Hospitals : Patients

1. Patients should be informed of the known risks and benefits of blood transfusion and/or alternative therapies and have the right to accept or refuse the procedure.
2. In the event that the patient is unable to give prior informed consent, the basis for treatment by transfusion must be in the best interests of the patient.
3. Transfusion therapy must be given under responsibility of a R.M.P .
4. Genuine clinical need should be the only basis for transfusion therapy.
5. There should be no financial incentive to prescribe a blood transfusion.
6. Only those particular components can be used that are appropriate and optimally safe.
7. Blood transfusion should be in compliance with this code of ethics.

### ETHICS



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**Department of Transfusion Medicine & Immunohaematology**  
**License No: 050/28C/KER/DC-CLAA/97**

**CRITICAL STOCKS**

BLOOD GROUP	A-POS	A-NEG	B-POS	B-NEG	AB-POS	AB-NEG	O-POS	O-NEG
CRITICAL STOCK	25	5	25	5	10	2	30	10


CRITICAL STOCKS

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## Dept. Of Transfusion Medicine and Immunohaematology (Blood Centre)

License No: 050/28C/KER/DC-CLAA/97

### TURN AROUND TIME

Immunohematology Investigation	Turn Around Time (TAT)
1. Blood Grouping	45 minutes
2. Emergency Saline Cross matching	15 minutes
3. Full Cross matching (incl. grouping & screening)	2 hours
4. DCT (Direct Coombs Test)	30 minutes
5. Antibody screening/ICT	60 minutes
6. Antibody titration	90 minutes

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TAT



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Dept.Of Transfusion Medicine and ImmunoHaematology  
(Blood Centre)

License No: 050/28C/KER/DC-CLAA/97



## AMALA QUALITY POLICY AND OBJECTIVE

### QUALITY POLICY:

We are committed to provide world class health care by continually improving processes in creating an ideal work environment and providing safe and ethical blood components to our patients with loving care, to attain the goal of patient satisfaction.

Amala Institute of Medical Sciences has a Policy "To provide a wide range of precise and accurate transfusion and investigative services fulfilling the healthcare needs of our customers and delivery of quality outputs in a timely manner with cutting edge technology, innovation, excellent client/customer care services along with the highest degree of efficiency, reliability and accuracy with affordable rate."

Quality policy addresses the principles, standards, goals and activities fundamental to the quality functions of Amala-blood centre. It serves as a reference guide for employees and describes the underlying quality principles that support the drive towards excellence in health care delivery and patient and donor satisfaction. We shall achieve this through.

- Appropriately implementing the quality system complying with requirement of ISO, NABH requirements in all our operations and constantly strive to improve the same.
- The maintenance of objectivity and transparency to action and a high degree of credibility while serving our customers and clients through the

commitment of the organization to the international standards and Good Laboratory practices in a continually improving environment.

- Establishing a Quality Framework & Periodical review of Quality objectives as per requirements.
- The familiarization of our staff with the quality Documentation and policies & procedures related to work
- Reviewing the Quality Matrix and procedures from time to time to fit the level service for a better patient care. AIMS will aim at making blood centre services delivery simple, accessible and affordable.

### QUALITY OBJECTIVE:

- > To provide efficient and timely medical care to all patients with a human touch.
- > To continuously monitor and deliver hospital services
- > To provide continual and regular training to the skilled employees.
- > To constantly improve the level of performance of all the key processes in the organization, especially of our staff, and to the traditional ethical values in the practice of medicines and patient care by all members of the hospital
- > To build an effective feedback system

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## QUALITY POLICY AND OBJECTIVE



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SI No. 020433



## National Accreditation Board for Hospitals & Healthcare Providers

(Constituent Board of Quality Council of India)

National Accreditation Board for Hospitals & Healthcare Providers  
5th Floor, ITPI Building, 4A, Ring Road, IP Estate, New Delhi 110 002, India  
Phone: +91-11-42606600, Fax: +91-11-2332 3415 • Email: helpdesk@nabh.co • Website: www.nabh.co

### SCOPE OF ACCREDITATION

**Amala Institute of Medical Sciences**  
Amalanagar, Adat  
Thrissur - 680555, Kerala

**Certificate No. BB-2024-0158**  
Valid from : June 27, 2024  
Valid thru : June 26, 2027

Sl. No.	Facility	Services
1.	Blood bank/Blood Center having component facility (also whole blood)	a. Whole Blood b. Red Blood Cells c. Platelets d. Platelets Leukocytes Reduced e. Apheresis Platelets f. Apheresis Platelets Leukocytes reduced g. Apheresis Granulocytes h. Stem cell (PBSC) apheresis i. Cryoprecipitated AHF j. Fresh Frozen Plasma (FFP) k. Plasma Cryoprecipitate Reduced (CPP)
2.	Blood bank/Blood Center having component facility (also whole blood) and additional procedures	Therapeutic Procedures

ISQuaEEA

NABH as an organisation is ISQua Accredited

**NABH**

*Dr. Atul Mohan Kochhar*  
**Dr. Atul Mohan Kochhar**  
Chief Executive Officer

### SCOPE OF SERVICES



Verified By

*Betsy*

Dr. Betsy Thomas

**DR. BETSY THOMAS**

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## Dept. of Transfusion Medicine

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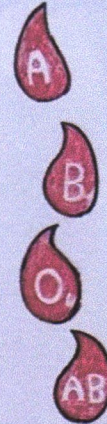
### DAILY STOCK

Date: 18/07/2025

BLOOD GROUP	PRBC STOCK
A +ve	59
A -ve	6
B +ve	88
B -ve	9
AB +ve	40
AB -ve	7
O +ve	80
O -ve	10

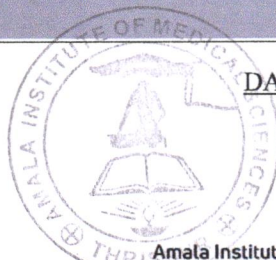
Low  
CS

Low



Save life for the humanity...

Betsy



### DAILY STOCK MONITOR

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**BLOOD BANK –storage capacity****1. BLOOD BANK REFRIGERATORS**

Sl No.	Company	Model	Serial No.	ID	Date of Installation	Capacity
1.	TERUMO	BR-128	202205141	A/BB/BBR/1	07.10.2022	128 Bag
2.	REMI	BR-120	BDI-2339	A/BB/BBR/02	2/2002	240 Bag
3.	REMI	CIB-10S	IHC-2105	A/BB/BBR/03	9/2003	240 Bag
4.	TERUMO	BR-128	201803014	A/BB/BBR/04	6.04.2018	128 Bag
5.	TERUMO	BR-160	2024010072	A/BB/BBR/04	01.03.2024	128 Bag

**2. QUICK FREEZER**

Sl No.	Company	Model	Serial No.	ID	Date of Installation	Capacity
1.	REMI	UDF-165	BDI-1599	A/BB/QF/01	11/1999	165 L
2.	TERUMO FISHER	902GP	ULTS00368 1992190	A/BB/QF/02	28/1/20	300 L

**3. DEEP FREEZER**

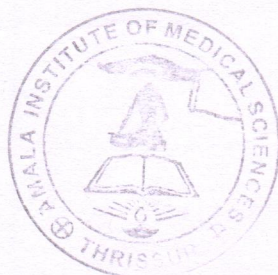
Sl No.	Company	Model	Serial No.	ID	Date of Installation	Capacity
1.	REMI	RQF265D	BDI-792	A/BB/DFR/01	1/2009	265L
2.	REMI	RPFV240	BDI-1159	A/BB/DFR/02	3/2011	240L
3.	TERUMO PENPOL	DF 40 U	201705605	A/BB/DFR/03	26.05.2017	320 Bag


**4. PLATELET INCUBATOR**

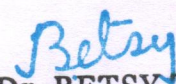
Sl No.	Company	Model	Serial No.	ID	Date of Installation	Capacity
1.	REMI	PI-10	IHC-658	A/BB/PI/01	3/97	36 Bag

**6. PLATELET AGITATOR**

Sl No.	Company	Model	Serial No.	ID	Date of Installation	Capacity
1.	REMI	PR-10	28072	A/BB/PA/02	21/11/16	32Bag
2.	REMI	PR-10	14232	A/BB/PA/03	25/2/21	32Bag



  
Dr. Vinu Vipin

  
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**Blood Centre Working Activity**

**1. Donor Registration**

Registration –

**2. Donor screening**

a) Donor Hb & Blood Group

b) BP, PR & other vitals

**3. Phlebotomy:**

a) Creation of donor ID

b) Blood collection

c) Turn Around Time

D) Perform Blood Donor Room QC

**4. Component separation**

a) Separating in to components

b) Labeling and storage in quarantine area

c) Shifting of TTI completed product to Tested area

d) Perform product QC

**5. ISSUE**

a) Issue of blood products as FIFO system

b) Maintain TAT- (From sample receiving to inform of crossmatching status)

**6. Immunohaematology**

**A) Blood Grouping**

- Perform blood grouping
- Rectify discrepancy in blood grouping





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**B) Cross Matching**

- Perform cross matching of blood
- Rectify discrepancy in cross matching
- Display status of blood availability

**C) Special procedures**

**D) EQAS (procedures),**

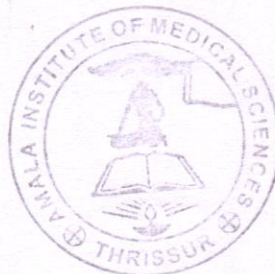
7. TTI

8. ENQUIRY & RECEPTION COUNTER

**9. MISCELLANEOUS**

1. MAINTAIN THE STOCK INVENTORY( Blood product stock, Reagent & Consumables Stock) IN BLOOD BANK STORE

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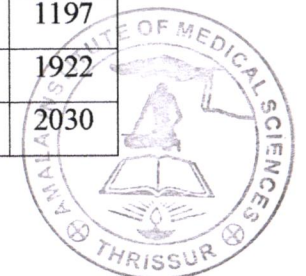
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### Blood Centre Statistics Evaluation -2025

Total component Issued without replacement = 100-Product issued- Product collected voluntary x100

Product issued

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1.	Total blood collection	667	663	543	591	760	767	820	880	715	786	651	718
2.	No. of WB prepared	16	15	10	16	22	16	21	16	21	26	19	19
3.	No. of PRBC prepared	649	948	533	575	738	751	799	864	694	760	632	699
4.	No. of PRBC issued	665	565	564	620	739	752	798	696	725	661	700	738
5.	No. of PLT prepared	429	359	321	411	453	448	456	506	426	427	405	412
6.	No. of PLT issued	352	276	287	292	469	396	386	379	385	350	327	296
7.	No . Donors in Amala blood Bank	379	264	258	338	<b>500</b>	417	522	415	410	198	165	217
8.	No . Donors in camp	288	398	285	253	260	350	298	465	305	588	486	501
9.	Total VBD camp conducted	6	6	4	5	6	8	6	9	5	12	9	10
10	No. of voluntary collection in BC	64	24	34	29	19	38	49	30	43	41	17	58
11	% of product issued without replacement	53	75	57	45	38	52	44	72	48	<b>96</b>	72	76
12	Products issued in Amala	1410	1242	1132	1296	1630	1644	1671	1480	1519	1549	1466	1323
13	Products issued in other hospital	9	11	19	20	<b>59</b>	30	9	3	8	12	27	21
14	No. of positive cases identified( TP+FP)	11	9	5	5	9	8	5	11	9	4	12	8
15	No. of positive cases confirmed	1	1	1	2	2	1	2	1	1	1	<b>5</b>	0
16	No of expiry	0	13	2	0	0	1	2	2	5	15	1	4
17	No of discards	38	37	19	14	25	22	20	29	26	31	34	35
18	No. of ABO Grouping Rh Typing-Pt	1107	1008	1093	1140	1273	1175	1219	1158	1152	1178	1111	1197
19	Total No. of ABO Grouping Rh Typing	1782	1679	1646	1744	2086	1963	2053	2048	1882	1978	1770	1922
20	No. of cross match	1787	1565	1636	1890	2126	2043	1982	1862	1853	1912	1963	2030



21	No of Apheresis procedure (SDP)	8	8	10	13	42	18	14	10	15	14	7	7
22	No of BMT procedure	4	3	5	4	5	6	7	6	3	3	3	2
23	FFP- Surplus plasma exchanged	0	480	650	0	452	240	650	315	384	480	0	697
24	No of PLEX procedure	1	2		4	3	0	3	0	0	17	18	2
25	No of Rotem	51	42	36	40	55	65	74	65	54	52	56	41

**Comments:**

- No special comments .

Prepared by: Soumya Samuel

*Soumya*

Verified by: Sr. Elizabeth

*Elizabeth*

Approved by: Dr. Vinu Vipin

*Vinu Vipin*



*Dr. Betsy Thomas*  
*Betsy*

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**Amala Institute of Medical Sciences- Annual report**  
**Blood Centre Statistics -2024**  
**MSR and Annual Report**

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1.	Total blood collection	673	758	553	607	702	753	747	834	730	581	814	619
2.	No. of WB prepared	15	9	13	15	19	14	15	11	16	16	17	15
3.	No. of PRBC prepared	651	746	538	589	683	737	725	816	703	558	785	590
4.	No. of PRBC issued	691	579	627	600	639	646	789	664	702	558	692	605
5.	No. of PLT prepared	390	412	594	400	414	410	490	523	398	374	397	408
6.	No . Donors in Amala blood Bank	431	399	353	465	544	365	537	449	372	246	414	382
7.	Total VBD camp conducted	6	8	5	4	3	7	4	10	7	9	9	5
8.	No . Donors in camp	242	359	200	142	158	388	210	385	358	335	400	237
9.	No. of voluntary collection in BC	38	42	51	64	53	61	37	50	47	35	34	46
10	% of product issued without replacement	55	70	40	35	33	70	31	66	61	55	63	53
11	Products issued in Amala	1321	1185	1269	1232	1434	1399	1768	1666	1275	1324	1538	1416
12	Products issued in other hospital	23	19	20	20	22	30	54	58	25	35	32	10
13	No. of positive cases identified( TP+FP)	8	2	5	4	7	8	14	7	8	4	10	7
14	No. of positive cases confirmed	1	1	2	2	2	2	4	1	1	0	1	1
15	No. of additional Test done( Serology)	16	4	10	8	14	16	27	14	16	4	11	1
16	No of expiry	7	0	3	5	0	0	0	0	0	9	11	1
17	No of discards	29	12	14	16	21	32	31	19	21	21	40	28
18	No. of ABO Grouping Rh Typing-Pt	1157	1131	993	1100	1317	1190	1327	1214	1131	1168	1171	1084



19	Total No. of ABO Grouping Rh Typing	1840	1892	1549	1721	2023	1941	2076	2048	1861	1742	1985	1703
20	No. of cross match	1549	1518	1554	1601	1668	1794	1922	1695	1811	1840	1838	1734
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
21	No of Apheresis procedure (SDP)	7	3	1	3	0	2	5	6	11	7	9	10
22	No. of Granulocytapheresis								1	0	1	0	0
23	No of BMT procedure	0	1	0	0	0	3	6	0	3	5	4	3
24	FFP- Surplus plasma exchanged	0	606	0	720	0	618	0	0	602	0	560	430
25	No of PLEX procedure	0	1	3	0	7	5	7	0	1	5	13	7
26	No of Rotem								40	60	34	76	35
27	Comments: 1. Increasing trend of apheresis procedures.(SDP)												
	Prepared by	Name: <i>Soumya Samuel</i> Soumya Samuel		Verified by		Name: <i>Sr. Elizabeth</i> Sr. Elizabeth		Approved by		Name: <i>Dr. Vinu Vipin</i> Dr. Vinu Vipin			



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**Amala Institute of Medical Sciences- Annual report**  
**Blood Centre Statistics -2024**  
**MSR and Annual Report**

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
1.	Total blood collection	673	758	553	607	702	753	747	834	730	581	814	619
2.	No. of WB prepared	15	9	13	15	19	14	15	11	16	16	17	15
3.	No. of PRBC prepared	651	746	538	589	683	737	725	816	703	558	785	590
4.	No. of PRBC issued	691	579	627	600	639	646	789	664	702	558	692	605
5.	No. of PLT prepared	390	412	594	400	414	410	490	523	398	374	397	408
6.	No . Donors in Amala blood Bank	431	399	353	465	544	365	537	449	372	246	414	382
7.	Total VBD camp conducted	6	8	5	4	3	7	4	10	7	9	9	5
8.	No . Donors in camp	242	359	200	142	158	388	210	385	358	335	400	237
9.	No. of voluntary collection in BC	38	42	51	64	53	61	37	50	47	35	34	46
10	% of product issued without replacement	55	70	40	35	33	70	31	66	61	55	63	53
11	Products issued in Amala	1321	1185	1269	1232	1434	1399	1768	1666	1275	1324	1538	1416
12	Products issued in other hospital	23	19	20	20	22	30	54	58	25	35	32	10
13	No. of positive cases identified( TP+FP)	8	2	5	4	7	8	14	7	8	4	10	7
14	No. of positive cases confirmed	1	1	2	2	2	2	4	1	1	0	1	1
15	No. of additional Test done( Serology)	16	4	10	8	14	16	27	14	16	4	11	11
16	No of expiry	7	0	3	5	0	0	0	0	0	9	11	11
17	No of discards	29	12	14	16	21	32	31	19	21	21	40	28
18	No. of ABO Grouping Rh Typing-Pt	1157	1131	993	1100	1317	1190	1327	1214	1131	1168	1171	1084

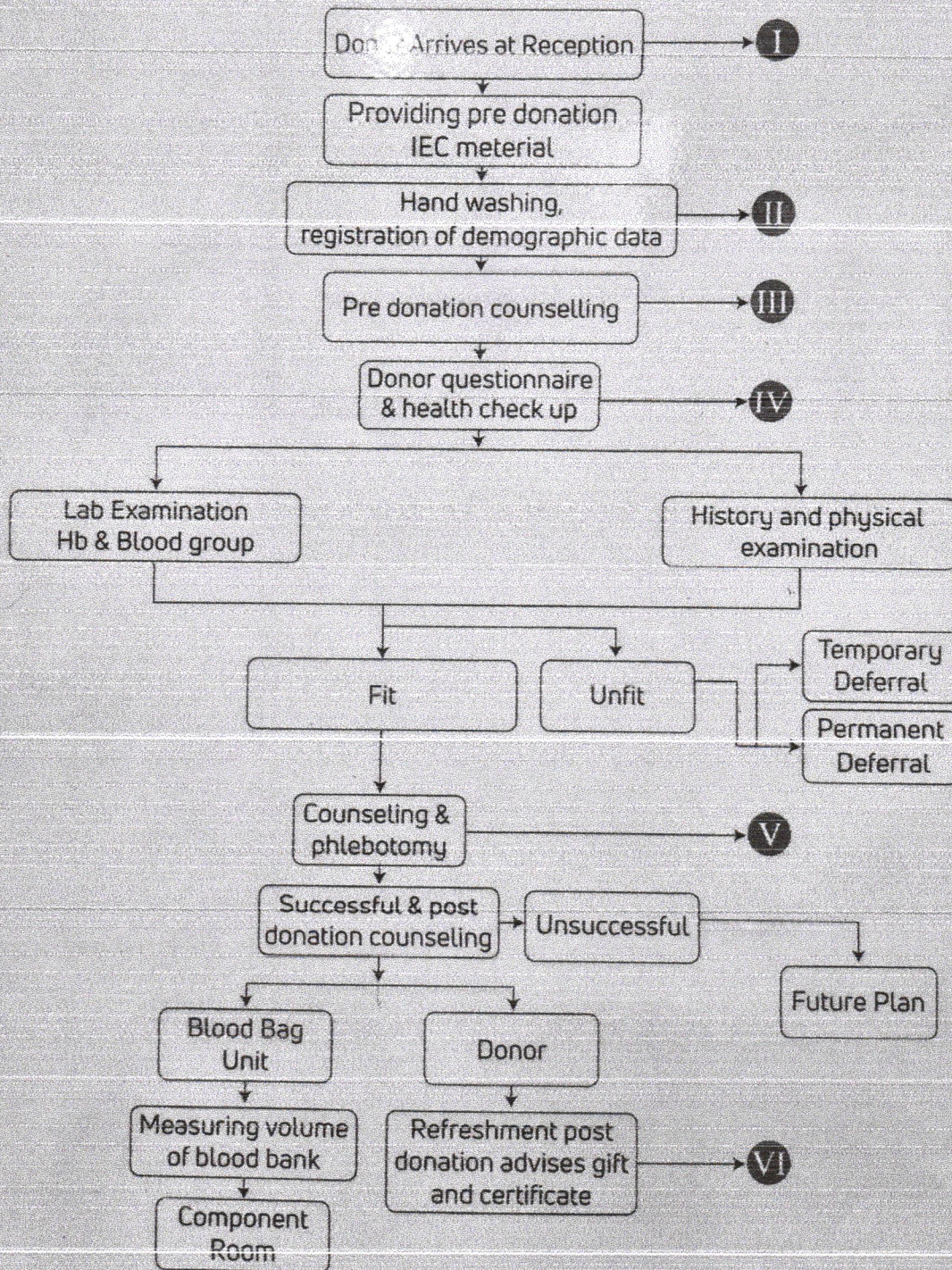


19	Total No. of ABO Grouping Rh Typing	1840	1892	1549	1721	2023	1941	2076	2048	1861	1742	1985	1703
20	No. of cross match	1549	1518	1554	1601	1668	1794	1922	1695	1811	1840	1838	1734
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
21	No of Apheresis procedure (SDP)	7	3	1	3	0	2	5	6	11	7	9	10
22	No. of Granulocytapheresis								1	0	1	0	0
23	No of BMT procedure	0	1	0	0	0	3	6	0	3	5	4	3
24	FFP- Surplus plasma exchanged	0	606	0	720	0	618	0	0	602	0	560	430
25	No of PLEX procedure	0	1	3	0	7	5	7	0	1	5	13	7
26	No of Rotem								40	60	34	76	35
27	<b>Comments:</b> 1. Increasing trend of apheresis procedures.(SDP)												
	Prepared by	Name: <i>Soumy</i> Soumya Samuel		Verified by		Name: <i>Elizabeth</i> Sr. Elizabeth		Approved by		Name: <i>Vinu Vipin</i> Dr. Vinu Vipin			



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# BLOOD DONATION PROCEDURE



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**Amala**<sup>®</sup>  
Institute of Medical Sciences

**DEPARTMENT OF TRANSFUSION  
MEDICINE & IMMUNOHEMATOLOGY**

**SCOPE OF SERVICES സകോപ്പ് ഓഫ് സർവീസസ്**

**IMMUNOHEMATOLOGY**  
ഇമ്മ്യൂണോഹെമറ്റോളജി

1. BLOOD GROUPING & RH TYPING  
രക്തഗ്രൂപ്പിംഗ് & റി.എച്ച്. തരം തിരിച്ചറിയൽ
2. ANTIBODY SCREENING  
ആന്റിബോഡി സ്ക്രീനിംഗ്
3. ANTIBODY IDENTIFICATION  
ആന്റിബോഡി ഓട്ടോമേറ്റഡ് ടൈപ്പിംഗ്
4. DIRECT COOMBS TEST (DCT)  
ഡയറക്ട് കോംബ്സ് ടെസ്റ്റ്
5. WOUND-SPECIFIC DCT  
ബ്ലാസ്റ്റ് - സ്പെസിഫിക് ഡി.സി.ടി
6. INDIRECT COOMBS TEST (ICT)  
ഇൻഡയറക്ട് കോംബ്സ് ടെസ്റ്റ് (പെ.എ.സി.ടി)
7. WEAK/PARTIAL D TESTING (D.U. TEST)  
വീക്ക്/പാർഷ്യൽ ഡി, ഡയൂയിംഗ് (ഡി.എ. ടെസ്റ്റ്)
8. CROSS MATCHING - SALINE & COOMBS PHASE  
ക്രോസ് മാച്ചിംഗ് - സെയിൻ & കോംബ്സ് ഫേസ്
9. RED CELL PHENOTYPING (RH-KELL TYPING)  
റെഡ് സെൽ ഫീനോടൈപ്പിംഗ്
10. ANTIBODY TITRATION- SALINE & COOMBS  
ആന്റിബോഡി ടൈറ്റ്രേഷൻ - സെയിൻ & കോംബ്സ്
11. COLD AGGLUTININ TITRATION  
കോൾഡ് അഗ്ലൂട്ടിനൻ ടൈറ്റ്രേഷൻ
12. ELUTION  
എലൂഷൻ
13. SECRETOR TEST.  
സെക്രട്ടർ ടെസ്റ്റ്
14. HIT TEST (HEPARIN INDUCED THROMBOCYTOPENIA)  
ഹിറ്റ് ടെസ്റ്റ്



**CLINICAL TRANSFUSION SERVICES**

ക്ലിനിക്കൽ ട്രാൻസ്ഫ്യൂഷൻ സർവീസസ്

1. EXCHANGE TRANSFUSION  
എക്സ്ചേഞ്ച് ട്രാൻസ്ഫ്യൂഷൻ
2. INTRAUTERINE TRANSFUSION (IUT)  
ഇൻട്രായൂട്ടറൈൻ ട്രാൻസ്ഫ്യൂഷൻ
3. THERAPEUTIC PHELEBOTOMY  
തെറാപ്പ്യൂട്ടിക് ഫ്ലൂയോട്ടമി
4. MASSIVE TRANSFUSION PROTOCOL (MTP) & MANAGEMENT  
മാസ്സീവ് ട്രാൻസ്ഫ്യൂഷൻ പ്രോട്ടോക്കോൾ & മാനേജ്മെന്റ്
5. TRANSFUSION REACTION WORKUP  
ട്രാൻസ്ഫ്യൂഷൻ റിയാക്ഷൻ വർക്ക് അപ്പ്
6. PRE OPERATIVE AUTOLOGOUS DONATION (PAD)  
പ്രീ ഓപ്പറേറ്റീവ് ഓട്ടോലോഗസ് ഡൊണേഷൻ
7. ACUTE NORMOVOLEMIC HEMODILUTION (ANH)  
അക്യൂട്ട് നോർമോവോളിമിക് ഹീമോഡയലൂഷൻ
8. VOLUNTARY BLOOD DONATION (VBD)  
വൊണ്ടറി ബ്ലഡ് ഡൊണേഷൻ
9. CRYOPRESERVATION  
ക്രയോപ്രിസർവേഷൻ



**LABORATORY SERVICES**

ലബോറട്ടറി സർവീസസ്

1. ROTEM-POINT OF CARE TESTING  
രോട്ടം പോയിന്റ് ഓഫ് കെയർ ടെസ്റ്റിംഗ്
2. PLATELET RICH PLASMA (PRP)  
പ്ലേറ്റ്ലറ്റ് റിച്ച് പ്ലാസ്മ
3. PLATELET RICH FIBRIN (PRF)  
പ്ലേറ്റ്ലറ്റ് റിച്ച് ഫൈബ്രിൻ
4. NAT SCREENING OF BLOOD DONORS  
നാറ്റ് സ്ക്രീനിംഗ് ഓഫ് ബ്ലഡ് ഡൊണേഴ്സ്
5. SEROLOGY SCREENING OF BLOOD DONORS  
സെറോളജി സ്ക്രീനിംഗ് ഓഫ് ബ്ലഡ് ഡൊണേഴ്സ്
6. HEMOLYTIC REACTION WORK UP  
ഹീമോലൈറ്റിക് റിയാക്ഷൻ വർക്ക് അപ്പ്



**BLOOD & BLOOD PRODUCTS**

ബ്ലഡ് & ബ്ലഡ് പ്രൊഡക്ട്സ്

1. WHOLE BLOOD (WB)  
വുഗ്ല ബ്ലഡ്
2. PACKED RED BLOOD CELLS (PRBC)  
പാക്ക്ഡ് റെഡ് ബ്ലഡ് സെൽസ്
3. LEUKODEPLETED RED BLOOD CELLS (LDRC)  
ലൂക്കോസെൽ ഫ്രീ റെഡ് ബ്ലഡ് സെൽസ്
4. IRRADIATED RED BLOOD CELLS, PLATELETS & GRANULOCYTES  
ഇറ്രേഡിയേറ്റ് റെഡ് ബ്ലഡ് സെൽസ്, പ്ലേറ്റ്ലറ്റ് & ഗ്രാനുലോസൈറ്റ്സ്
5. FRESH FROZEN PLASMA (FFP)  
ഫ്രീഷ് ഫ്രോസെൻ പ്ലാസ്മ
6. PLATELET RICH CONCENTRATE (PRC)  
പ്ലേറ്റ്ലറ്റ് റിച്ച് കോൺസെന്റ്രേറ്റ്
7. SINGLE DONOR PLATELETS (SDP)  
സിംഗിൾ ഡൊണർ പ്ലേറ്റ്ലറ്റ് (ഘ.ര.പി.പി.)
8. POOLED & CONCENTRATED PLATELETS  
പൂൾഡ് & കോൺസെന്റ്രേറ്റ്ഡ് പ്ലേറ്റ്ലറ്റ്സ്
9. CRYOPRECIPITATE  
ക്രയോപ്രിപ്പിറ്റേറ്റ്
10. CRYOSUPERNATANT  
ക്രയോസൂപ്പർനാറ്റന്റ്
11. POOLED BUFFY COAT  
പൂൾഡ് ബുഫി കോട്ട്



**APHERESIS TECHNOLOGY**

അഫെരസിസ് ടെക്നോളജി

1. PLATELETPHERESIS- SDP (SINGLE DONOR PLATELETS)  
പ്ലേറ്റ്ലറ്റ് ഫെരസിസ് (സിംഗിൾ ഡൊണർ പ്ലേറ്റ്ലറ്റ്സ്)
2. STEM CELL APHERESIS  
സ്റ്റേം സെൽ അഫെരസിസ്
3. GRANULOCYTOPHERESIS  
ഗ്രാനുലോസൈറ്റ് ഫെരസിസ്
4. LEUKAPHERESIS  
ലൂക്കോസൈറ്റ് ഫെരസിസ്
5. PLASMAPHERESIS  
പ്ലാസ്മ ഫെരസിസ്
6. THROMBOCYTOPHERESIS  
ത്രോംബോസൈറ്റ് ഫെരസിസ്
7. THERAPEUTIC PLASMA EXCHANGE (TPE)  
തെറാപ്പ്യൂട്ടിക് പ്ലാസ്മ ഏച്സ്ചേഞ്ച്



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*Dr. Vinu Vipin*

Specimen ID: JENNIFER  
Specimen Type: Whole blood  
Physician:

Panels:  
Flag Set:

CBC  
Adult  
Diagnosis:

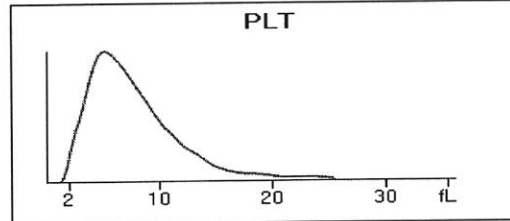
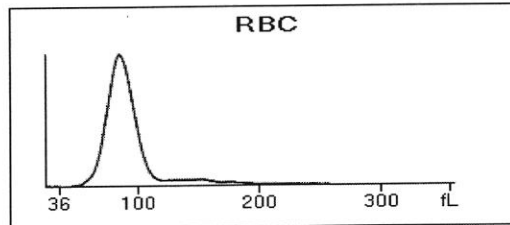
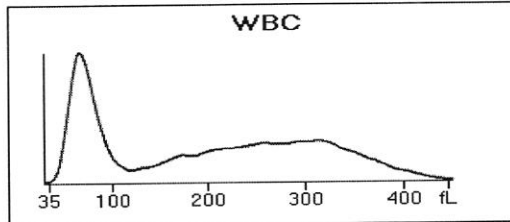
Priority: Routine

Name:  
Gender: Unknown  
Location:  
Comment:

Patient ID:  
Age:  
DOB:

Panels	Date	Time	Tube Pos	Instrument	Opr ID	Exceptions
C	(S) 07/22/2025	16:47:21	99999	DxH900	AMALA	

Test	Result	Flags	Units
WBC	11.4	H	10 <sup>3</sup> /uL
UWBC	11.4	H	10 <sup>3</sup> /uL
RBC	4.24		10 <sup>6</sup> /uL
HGB	12.1	L	g/dL
HCT	36.0	L	%
MCV	84.9		fL
MCH	28.5		pg
MCHC	33.5		g/dL
RDW	13.1		%
RDW-SD	40.3		fL
PLT	276		10 <sup>3</sup> /uL
MPV	7.6		fL



**Suspect**  
**Definitive**  
Leukocytosis  
Anemia

Actions:

Comment:

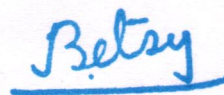
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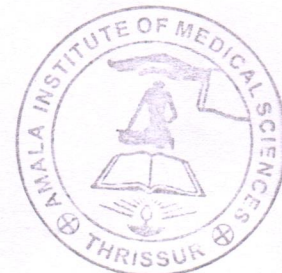


BLOOD CENTRE-  
CAMP DETAILS JULY – DECEMBER

SL.NO	MONTH	NO. OF DONATION IN CAMP	NUMBER OF CAMP CONDUCTED
1.	JULY	298	6
2.	AUGUST	465	9
3.	SEPTEMBER	305	5
4.	OCTOBER	588	12
5.	NOVEMBER	486	9
6.	DECEMBER	501	10

  
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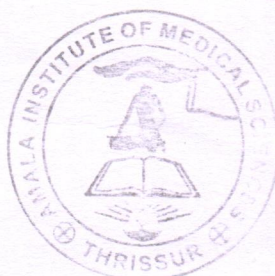


**CAMP DETAILS  
JUNE 2024 – JUNE 2025**

SI.NO	Month	Donations in camp	Number of Camp conducted
1.	2024 JUNE	388	7
2.	JULY	210	4
3.	AUG	385	10
4.	SEP	358	7
5.	OCT	335	9
6.	NOV	400	9
7.	DEC	237	5
8.	2025 JAN	288	6
9.	FEB	398	6
10.	MAR	285	4
11.	APL	253	5
12.	MAY	260	6
13.	JUN	350	8

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