

Date: 31/01/2026

From,
The H.O.D.,
Dept. Of Pathology and Microbiology,
R.H.M.C.,
Rajkot.To,
The Medical Director,
Life Blood centre,
Gondal road,
Rajkot.**Subject:- Regarding visit to blood bank.**

Respected Sir,

As a part of our regular Departmental activity I propose to arrange an educational visit of 2nd BHMS students to LIFE BLOOD CENTRE.

Sr. No.	Batch	Date
1	Batch-A Roll no. 1 to 50	09/02/2026
2	Batch-B Roll no. 51 to 96	11/02/2026

OR

Sr. No.	Batch	Date
1	Batch-A Roll no. 1 to 50	16/02/2026
2	Batch-B Roll no. 51 to 96	18/02/2026

The schedule and time can be changed as per your convenience. For further discussion you can contact me (Mo.No.93758 47216). I request you to issue visitation certificate at the end of visit.

Thanking You;

 Dr. Amar Thakkar
H.O.D, Professor

Department of Pathology and Microbiology

R.H.M.C

H.O.D
Department of Pathology
R. H. M. C.

NOTICE

8nd February, 2026

As a part of Educational Tour, Department of Pathology and microbiology has organized visit to Life Blood Bank for students of 2nd BHMS on 9th and 11th Feb, 2026. It is mandatory for all the students to attend the visit.



[Handwritten Signature] 08/2/26
HOD
Department of Pathology
R.H.M.C.

CIRCULAR

8nd February, 2026

As a part of Educational Tour, Department of Pathology and microbiology has organized visit to Life Blood Bank for students of 2nd BHMS on 9th and 11th February, 2026 . It is mandatory for all the students to attend the visit.



[Handwritten Signature]
8/2/26

HOD
Department of Pathology
R. H. M. C.



A Report on
Educational Visit To Life Blood
Bank

On 11 and 12th February 2026

ORGANISED BY
Rajkot Homoeopathic Medical College



A 13/2/26
HOD
Department of Pathology
R. H. M. C.

VISIT TO LIFE BLOOD CENTER

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE

YEAR:- 2 ND BHMS

PLACE OF VISIT :- LIFE BLOOD CENTER, 24 VIJAY PLOT,
MALAVIYA CHOWK, RAJKOT.

ORGANISED BY :- DEPARTMENT OF PATHOLOGY AND
MICROBIOLOGY

DATE:- 11/02/2026 AND 12/02/2026

TIME :- 10:30 AM to 1:00 PM





AIM:

To provide the basic knowledge of blood bank techniques and various processes.

OBJECTIVES:

To inspire the students for spreading the knowledge of blood bank and its noble work in society.

Life Blood Center is a leading institute situated in Rajkot.

They have following fields of work:

- Thalassemia Department
- Apheresis
- Blood Donation
- Blood Tests



- Blood Processing & Blood Storage
- Education

THALASSEMIA DEPARTMENT:

Thalassemia is an inherited blood disorder characterized by the body's inability to produce sufficient or healthy hemoglobin, leading to destruction of red blood cells and anaemia.

1) We got information about how we can calculate the chance of child being born with thalassemia.

a) Spouses – 1 minor 1 normal.

Offspring – 50% chances of minor and 50% chances of normal.

b) Spouses – both minors.

Offspring – 25% chances of major, 50% chances of minor and 25% chances of normal.

2) The center provides blood to more than 200 thalassemia patients.

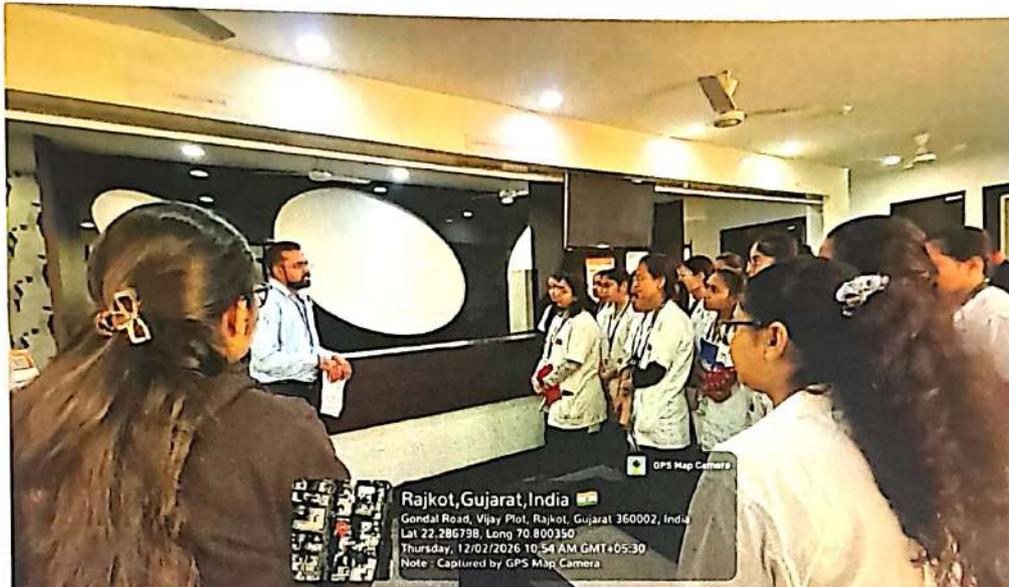
3) Tests performed in the department:

a) HPLC (High Performance Liquid Chromatography test).

b) PND test (Prenatal Diagnostic test) – for suspected cases. Aim – to prevent birth of thalassemia major baby.

4) Due to repeated blood transfusions iron overload occurs which is combated by giving chelating agents along with blood.





LABORATORY:

They had well equipped laboratory with technical facilities and it had following structures.

Cell counter – primary test.

HPLC – confirmatory test.

Blood component area.

Quadruple bag.

Triple bag – plasma, platelets, RBCs.

Centrifuge at 4°C to 22°C.

Within 6 hours components get separated.

Single donor platelets – platelet apheresis. The donor can donate platelets twice a week if required.

1 unit contains 250 ml of platelets. In patients with bleeding disorders we can transfuse platelets instead of whole blood transfusion to prevent complications.





TTI LABORATORY (Transfusion Transmissible Infections):

Tests are performed for detecting presence of any infection in blood.

Tests for infections like – HIV, HBV, HCV, Syphilis, Malaria etc.

This is mandatory test carried out by blood bank.





RED CELL SEROLOGY LAB:

Here tests are performed on the patient's blood sample.

Compatibility tests:

- Manually – by tube method.
- Semiautomatic – gel cards.
- Automatic – SPRCA (Solid Phase Red Cell Adherence).

BLOOD STORAGE AREA:

They had blood storage areas for storing various components at various temperatures.

RBCs – $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 35 to 42 days.

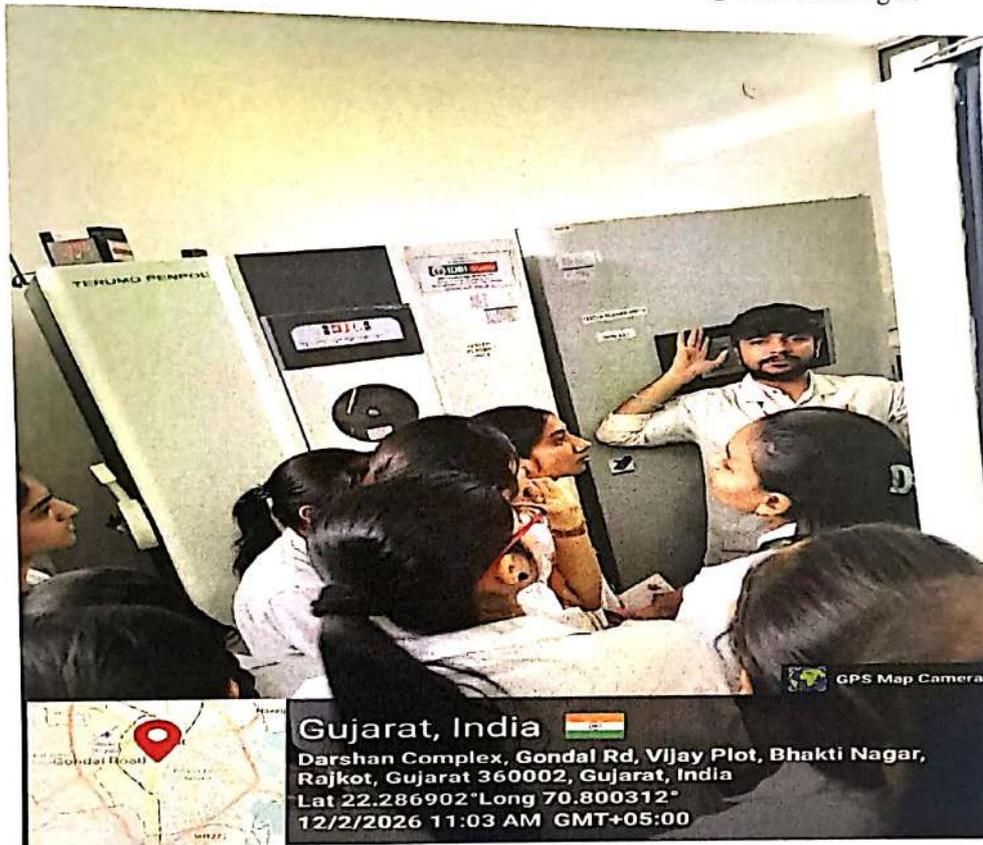
Platelets – $22^{\circ}\text{C} \pm 2^{\circ}\text{C}$ for 4 to 5 days.

Plasma – -30°C or below for 1 year.

Blood is stored after performing all the tests.



The blood group and its types is mentioned on the blood bag before storing it.



BLOOD DONATION PROCESS:

Blood donation is carried out by following process and throw through screening.

- 1) 1st chamber – Donor's body weight and Hemoglobin concentration of blood is measured.
- 2) 2nd chamber – Counselling.
- 3) 3rd chamber – Medical examination of the donor.
- 4) 4th chamber – Donor donates his/her blood.

Post donation care – rest and refreshment.





SUMMARY:

This visit was very inspiring and informative for students.

They got information about how the blood is processed before giving it to the patient.

Life Blood Center is a very good place to donate blood.



LIFE BLOOD VISIT

Rajkot Homoeopathic Medical College, Rajkot, Parul University

2nd BHMS (2023-24) Sub.: PATHOLOGY & MICROBIOLOGY Date: 11/02/26, 12/2/26

No	Name	Signature	Remarks
1	ANKOLIYA TIYABEN HARESHBHAI		Visit was
2	BAGHORA POOJA AJITBHAI		rescheduled
3	BAMBHANIYA JANVI NARASHIBHAI		due to NCH
4	BAVALIYA MANASVI MUKESHBHAI		Inspection.
5	CHAUHAN HINA RAMESHKUMAR		(Date of
6	CHAUHAN KAJALBEN RASIKBHAI		visit :
7	CHAUHAN NANDINI SUNILBHAI		11/02/26 &
8	CHAVDA KHUSHALI HARSUKHBHAI		12/02/26)
9	DABHI VIJYABEN MUKESHBHAI		
10	DHARAVIYA KIRANBEN JASHABHAI		
11	DUDHAGARA DRASHTI DHARAMSHIBHAI		
12	DOBARIYA RUTU PARSOTAMBHAI		
13	DUDHAGARA AXITA VIPULBHAI		
14	FALDU HENSI KIRITBHAI		
15	GHADIYA ZENSI SANJAYBHAI		
16	GOHEL ANURADHA GIRISHKUMAR		
17	GOHEL SNEHA PRADIPBHAI		
18	GOPANI SHRADDHA JITENDRABHAI		
19	JADAV VIDHYA HITESHBHAI		
20	JETHAVA DRASHTI PRAKASHBHAI		
21	KAKKAD KRISHA VIJAYBHAI		
22	KAVA PRIYANKA SHAILESHBHAI		
23	KESHWALA ANJALIBEN RAMBHAI		
24	KIKANI ANJALI YOGESHBHAI		
25	KORADIYA DIRVA ANILBHAI		
26	LAKHAMIYANI KUMKUM NARESHBHAI		
27	MAKWANA ISHA AJAYBHAI		
28	NAYKA AARITI BABUBHAI		
29	NIMAVAT PRITIBEN HIRENBHAI		
30	PADA HEMANSHIBEN BHARATBHAI		
31	PANSURIYA BHUMI BHARATBHAI		
32	PARMAR HITANSHI PARESHBHAI		
33	PARMAR JANVIBEN HEMANTBHAI		
34	PARMAR KINJAL TUSHARBHAI		
35	PARMAR MAHIMA HIRENKUMAR		
36	PATARIYA ISHA KANTIBHAI		
37	PATEL AYUSHI PANKAJKUMAR		
38	PATEL HETVI SANDEEPBHAI		
39	PATEL VAIBHAVIKUMARI KANTILAL		
40	PATEL YASHVI RAJESH		
41	PIPALIYA NIDHI ASHVINBHAI		
42	PITHWA SANJANA YOGESHBHAI		
43	POPAT DIYA ASHISH		
44	RADADIYA JANVI ASHOKBHAI		
45	RADADIYA MIRALI GOPALBHAI		
46	RADHANPARA PRIYA MANISHBHAI		
47	RAICHURA MILONI KAMLESHBHAI		
48	RATHOD PINKALBEN KARANBHAI		
49	SAMA ARZU AJAJBHAI		
50	SANDHA TAMANNA MO AVESH		



No	Name	Signature	Remarks
51	SARESA BHOOMI KIRANKUMAR	<i>Plano</i>	
52	SAVALIYA DHRUVI PRAKASHBHAI	<i>Ch</i>	
53	SHEIKH FATMA MOHAMMADREHMATULLAH	<i>Esh</i>	
54	SHETH YASHVI JIGNESHBHAI	<i>Yash</i>	
55	SIDA KASAB SAJIDBHAI	<i>Ksh</i>	
56	SURELIYA SAMIYA SHAHIDBHAI	<i>Samirya</i>	
57	UNJIYA MIRALI LATESHBHAI	<i>U</i>	
58	VACHHANI NANDI ANANDBHAI	<i>Nandi</i>	
59	VADALIYA DRASHTI PRAVINBHAI	<i>D.P. Vanshiya</i>	
60	VANIYA KRISHNA GIRISHBHAI	<i>K</i>	
61	VANIYA PAYAL VELJIBHAI	<i>Payal V.</i>	
62	VINDHANI ARSHINA RAZAKBHAI	<i>Arshin</i>	
63	VIRANI AARZU ASHVINBHAI	<i>A</i>	
64	BHIL VIRAJBHAI SUBHASHBHAI	<i>Viraj</i>	
65	CHAUDHARI ANKURBHAI RASIKBHAI	<i>A</i>	
66	CHAUHAN PRINCE RAJESHKUMAR	<i>P</i>	
67	CHAVDA SAVAN PALABHAI	<i>Savan</i>	
68	CHUDASAMA RUDRA LALJIBHAI	<i>Rudra</i>	
69	CHUDASAMA VISHALBHAI RAMNIKBHAI	<i>Vishal</i>	
70	DHADUK SARTHAK ASHOKKUMAR	<i>Sarthak</i>	
71	FANGALIYA BHURA DHIRABHAI	<i>Bhura</i>	
72	GADHADARA KRUNT ARVINDBHAI	<i>Krunt</i>	
73	GOHIL HARSHKUMAR KADUBHAI	<i>Harsh</i>	
74	GONDALIYA AKASH RAJESHBHAI	<i>Akash</i>	
75	GONDALIYA KEVAL JERAMBHAI	<i>Keval</i>	
76	KANANI HIMANSHU PARESHBHAI	<i>Himanshu</i>	
77	KANZARIYA RAVIKUMAR CHHANABHAI	<i>Ravikumar</i>	
78	KHOKHAR PRIYANSHUKUMAR MANISHBHAI	<i>Priyanshu</i>	
79	KHUNT DARSH NARENDRABHAI	<i>Darsh</i>	
80	LADVA CHIRAG PARESHBHAI	<i>Chirag</i>	
81	MUNGALPARA JENILKUMAR ARVINDBHAI	<i>Jenil</i>	
82	MUNIYA YASHKUMAR RAMESHBHAI	<i>Yash</i>	
83	NAGANI SAHIL ANJUM	<i>Sahil</i>	
84	NIMAVAT DHARMIK HARSHADBHAI	<i>Dharmik</i>	
85	PARMAR ASHISH RAMJIBHAI	<i>Ashish</i>	
86	PARMAR MEET KALUSINH	<i>Meet</i>	
87	PARMAR NIKUNJ ARJUNBHAI	<i>Nikunj</i>	
88	PARMAR PRASHANT VALLABHBHAI	<i>Prashant</i>	
89	PARMAR VIRAJ HITESHBHAI	<i>Viraj</i>	
90	PIPALYA PARTHBHAI VIPULBHAI	<i>Parti</i>	
91	SHAHU ROHAN SHRAVANBHAI	<i>Rohan</i>	
92	SHINGALA DHRUV DHARMENDRABHAI	<i>Ab</i>	
93	SINOJIYA DAX PRAFULBHAI	<i>Dax</i>	
94	SONDARVA BHARATKUMAR RAMANIKBHAI	<i>BR</i>	
95	VAKATAR SAVAN MANDANBHAI	<i>Ab</i>	
96	VASOYA PURV BHAVESHBHAI	<i>Purv</i>	



Rajkot Homoeopathic Medical College, Rajkot, Parul University

2nd BHMS (2023-24) Sub.: PATHOLOGY & MICROBIOLOGY Date: _____

No	Name	Signature	Remarks
1	ANKOLIYA TIYABEN HARESHBHAI		
2	BAGHORA POOJA AJITBHAI		
3	BAMBHANIYA JANVI NARASHIBHAI		
4	BAVALIYA MANASVI MUKESHBHAI		
5	CHAUHAN HINA RAMESHKUMAR		
6	CHAUHAN KAJALBEN RASIKBHAI		
7	CHAUHAN NANDINI SUNILBHAI		
8	CHAVDA KHUSHALI HARSUKHBHAI		
9	DABHI VIJYABEN MUKESHBHAI		
10	DHARAVIYA KIRANBEN JASHABHAI		
11	DUDHAGARA DRASHTI DHARAMSHIBHAI		
12	DOBARIYA RUTU PARSOTAMBHAI		
13	DUDHAGARA AXITA VIPULBHAI		
14	FALDU HENSI KIRITBHAI		
15	GHADIYA ZENSI SANJAYBHAI		
16	GOHEL ANURADHA GIRISHKUMAR		
17	GOHEL SNEHA PRADIPBHAI		
18	GOPANI SHRADDHA JITENDRABHAI		
19	JADAV VIDHYA HITESHBHAI		
20	JETHAVA DRASHTI PRAKASHBHAI		
21	KAKKAD KRISHA VIJAYBHAI		
22	KAVA PRIYANKA SHAILESHBHAI		
23	KESHWALA ANJALIBEN RAMBHAI		
24	KIKANI ANJALI YOGESHBHAI		
25	KORADIYA DIRVA ANILBHAI		
26	LAKHAMIYANI KUMKUM NARESHBHAI		
27	MAKWANA ISHA AJAYBHAI		
28	NAYKA AARITI BABUBHAI		
29	NIMAVAT PRITIBEN HIRENBHAI		
30	PADA HEMANSHIBEN BHARATBHAI		
31	PANSURIYA BHUMI BHARATBHAI		
32	PARMAR HITANSHI PARESHBHAI		
33	PARMAR JANVIBEN HEMANTBHAI		
34	PARMAR KINJAL TUSHARBHAI		
35	PARMAR MAHIMA HIRENKUMAR		
36	PATARIYA ISHA KANTIBHAI		
37	PATEL AYUSHI PANKAJKUMAR		
38	PATEL HETVI SANDEEPBHAI		
39	PATEL VAIBHAVIKUMARI KANTILAL		
40	PATEL YASHVI RAJESH		
41	PIPALIYA NIDHI ASHVINBHAI		
42	PITHWA SANJANA YOGESHBHAI		
43	POPAT DIYA ASHISH		
44	RADADIYA JANVI ASHOKBHAI		
45	RADADIYA MIRALI GOPALBHAI		
46	RADHANPARA PRIYA MANISHBHAI		
47	RAICHURA MILONI KAMLESHBHAI		
48	RATHOD PINKALBEN KARANBHAI		
49	SAMA ARZU AJAJBHAI		
50	SANDHA TAMANNA MO AVESH		

No	Name	Signature	Remarks
51	SARESA BHOOMI KIRANKUMAR		
52	SAVALIYA DHRUVI PRAKASHBHAI		
53	SHEIKH FATMA MOHAMMADREHMATULLAH		
54	SHETH YASHVI JIGNESHBHAI		
55	SIDA KASAB SAJIDBHAI		
56	SURELIYA SAMIYA SHAHIDBHAI		
57	UNJIYA MIRALI LATESHBHAI		
58	VACHHANI NANDI ANANDBHAI		
59	VADALIYA DRASHTI PRAVINBHAI		
60	VANIYA KRISHNA GIRISHBHAI		
61	VANIYA PAYAL VELJIBHAI		
62	VINDHANI ARSHINA RAZAKBHAI		
63	VIRANI AARZU ASHVINBHAI		
64	BHIL VIRAJBHAI SUBHASHBHAI		
65	CHAUDHARI ANKURBHAI RASIKBHAI		
66	CHAUHAN PRINCE RAJESHKUMAR		
67	CHAVDA SAVAN PALABHAI		
68	CHUDASAMA RUDRA LALJIBHAI		
69	CHUDASAMA VISHALBHAI RAMNIKBHAI		
70	DHADUK SARTHAK ASHOKKUMAR		
71	FANGALIYA BHURA DHIRABHAI		
72	GADHADARA KRUNT ARVINDBHAI		
73	GOHIL HARSHKUMAR KADUBHAI		
74	GONDALIYA AKASH RAJESHBHAI		
75	GONDALIYA KEVAL JERAMBHAI		
76	KANANI HIMANSHU PARESHBHAI		
77	KANZARIYA RAVIKUMAR CHHANABHAI		
78	KHOKHAR PRIYANSHUKUMAR MANISHBHAI		
79	KHUNT DARSH NARENDRABHAI		
80	LADVA CHIRAG PARESHBHAI		
81	MUNGALPARA JENILKUMAR ARVINDBHAI		
82	MUNIYA YASHKUMAR RAMESHBHAI		
83	NAGANI SAHIL ANJUM		
84	NIMAVAT DHARMIK HARSHADBHAI		
85	PARMAR ASHISH RAMJIBHAI		
86	PARMAR MEET KALUSINH		
87	PARMAR NIKUNJ ARJUNBHAI		
88	PARMAR PRASHANT VALLABHBHAI		
89	PARMAR VIRAJ HITESHBHAI		
90	PIPALYA PARTHBHAI VIPULBHAI		
91	SHAHU ROHAN SHRAVANBHAI		
92	SHINGALA DHRUV DHARMENDRABHAI		
93	SINOJIYA DAX PRAFULBHAI		
94	SONDARVA BHARATKUMAR RAMANIKBHAI		
95	VAKATAR SAVAN MANDANBHAI		
96	VASOYA PURV BHAVESHBHAI		