



An Initiative of  
**Rashtrottana Blood Center**

**SAMRAKSHA**

**Thalassemia Day-Care Centre**



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# UNDERSTANDING THALASSEMIA

## What is Thalassemia?

- Thalassemia is an inherited blood disorder in which the body makes an abnormal form of hemoglobin
- Destruction of red blood cells (RBCs)
- Lifelong expensive blood transfusions every fortnight ( 2 to 3 weeks)
- Permanent cure – Bone Marrow Transplant (BMT)
  - Only if a matching donor is found
  - Very expensive treatment

## What are its Symptoms?

- Anemia
- Jaundice (Yellow or pale skin)
- Bone deformities, especially in the face
- Excessive tiredness and fatigue
- Delayed growth and development
- Death if not treated



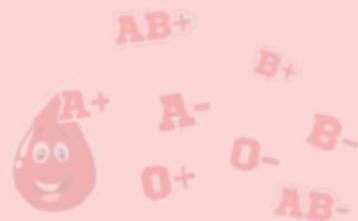
# TREATING THALASSEMIA

## How is Thalassemia treated?

- Blood transfusions every fortnight (2 to 3 weeks)
- Permanent cure - Bone marrow transplant (BMT)
  - Only if a matching donor is found.
  - Very expensive. Up to Rs.25 – 30L
- Medications and supplements

## What are the side-effects and how can they be treated?

- Extra iron that the body can't easily get rid of accumulates in the organs which is potentially fatal.
- Additional chelation therapy required in the form of tablets or injections for some.



## NEED ANALYSIS

- Due to the recurring nature of the treatment, families face severe financial strain.
- Even if blood is made available freely by blood banks, the cost of transfusions, blood tests, chelating medicines and other requirements cost anywhere between Rs.15,000 to Rs.20,000 per month minimum.
- Every facility is available at different locations rather than under one roof. Hence families have to run from pillar to post twice a month.
- Caring for a child or many children with Thalassemia is impossible or highly strenuous for an uneducated or illiterate low income group parent.
- Not covered under any medical aid or insurance as Thalassemia is incurable, genetic, hereditary and by birth.



# PROGRAM IMPORTANCE & OBJECTIVE



## Importance:

- First of its kind initiative involving comprehensive care for Thalassemia under one roof in a Non-Government set-up
- Support in the survival and quality of life of children with this disorder across all economic and social strata

## Objective:

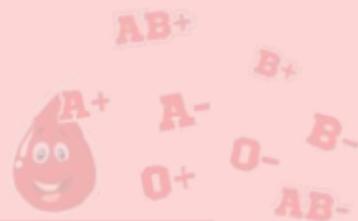
- To provide comprehensive & systematic care and management of Thalassemia.
- Create awareness among children and young adults suffering from Thalassemia on management of the disorder.

## IMPACT

- Improvement in health and quality of life.
- Children can lead normal life and pursue education.
- Can participate in their school activities with the same enthusiasm and vigour as normal children.
- Children can give priorities to their hobbies and needs such as sports and other skills.
- Generates awareness of Thalassemia and blood donation among the company's employees,
- Donors coming forward for blood donation saves lives of patients of other diseases too.



# BLOOD TRANSFUSION & OTHER SERVICES UNDERTAKEN



## Free Services Offered:

- In-house Blood Transfusion
- Lab investigations
- Dedicated doctor and nurses team
- Patient's family need not provide any replacement blood donations
- Saline washed PRBC
- Chelating Drugs
- Day Care facilities
- Counseling and awareness
- Play area and library
- Meals for patient and attender

## Total number of free blood transfusions supported in the last 5 years

Last five years	
Number of patients visits	22,987
Number of blood units issued	27,627



## EVERY DROP MATTERS...

- **Thalassemia children need the most recent and fresh blood.**
- **Weekly 150 to 200 units of blood required by Samraksha.**

ORGANIZE A CAMPUS  
VOLUNTARY BLOOD  
DONATION DRIVE



**DONATE BLOOD**  
**SAVE LIVES**

**Contact:**

**Rashtrorathana Blood Centre**

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✉ [bloodcentre@rashtrorathana.org](mailto:bloodcentre@rashtrorathana.org)

## EVERY BIT COUNTS...



Duration	1 child		100 children	
	Treatments	Amount	Treatments	Amount
1 Month	2	Rs.4,400	200	Rs.4,40,000
1 Year	24	Rs.52,800	2400	Rs.52,80,000

**@ Cost of 1 blood transfusion: Rs.2,200/-**

**Support required for blood transfusions of 400 children for 1 year at Rs.2,11,20,000/-**



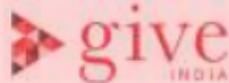




## OUR PARTNERS



## EMPANELLED ON:





# Thank you



Please contact:

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 <https://rashtrorothana.org/>

## COST PER CHILD PER YEAR (for 24 transfusions)

Sl No	ITEM	INCURRED BY	ITEM	AMOUNT in Rs.	TOTAL AMOUNT PER PATIENT Rs.
01	Blood processing charges (1 month - 2 transfusions)	Rashrotthana Blood Centre	Blood units (PRBC) supplied to Samraksha patients		1,600
02	Blood Test (1 month - 2 transfusions)	Rashrotthana Blood Centre	CBC	40	1,075
			Feritin	50	
			Bio Chemistry Profile.	705	
			Serology	150	
			Thyroid Profile	130	
03	Transfusion Consumables (for 2 Transfusions)	Samraksha	Vaso Fix	200	830
			Micropore	80	
			Drip Set	140	
			Syringe (Scc)	30	
			Blood Set	160	
			NS	120	
			Tubes (EDTA-Clotted)	100	
04	Medicines (1 month - 2 transfusions)	Samraksha	Calcium	60	135
			Folic Acid	30	
			B-Complex	45	

05	Medical Staff Charges (for 400 patients)	Samraksha	Doctor	50,000	330
			Nurse x 2	34,000	
			Receptionist	12,000	
			Cleaning	11,000	
			Lab Technician **	20,000	
			Sub-Total	1,32,000	
06	Food for patient and attender (for 400 patients)		<b>Lumpsum</b>	1,60,000	400
07	Linen and Laundry (for 400 patients)		<b>Lumpsum</b>	12,000	30
<b>Total cost per patient per month for two transfusions</b>					<b>4,400</b>

<b>COST OF 24 TRANSFUSIONS FOR 1 YEAR PER CHILD @ Rs.</b>	<b>4,400 *12</b>	<b>52,800</b>
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\*\* Availed from Rashtrottthana Blood center on a Prorata basis

NOTE: Samraksha Patients have to regularly undergo Blood Transfusions every fortnight.