



Bangalore Medical Services Trust



40 Years of our service to the community



As a bridge between donors and patients

Life de India

India has an ancient tradition of giving. Giving or philanthropy is not a choice but a duty in our culture. This short extract from the Taittiriya Upanishad sets down the principles for giving.

श्रद्धया देयम् । अश्रद्धयाऽदेयम् । श्रया देयम् । हरया देयम् । भया देयम् । संवदि देयम् ॥

- तैत्तिरीयोपनिषत् १-११

śraddhayā deyam | aśraddhayā'deyam | śriyā deyam | hriyā deyam | bhiyā deyam | samvidā deyam

Give with faith and reverence. Do not give without faith. Give as much as you can according to your wealth. Give with modesty. Give with awe. Give with empathy.



★  Rotary Bangalore  Blood Centre

★ HLA Lab ★ Tissue Bank ★ Thalassemia Services

★ Stem Cell Donor Registry ( DKMS  BMST Foundation India)

Life de India

BMST

Vision

To inspire a billion people to save lives

Mission

To provide safe blood, cellular and tissue products and facilitate solid organ & stem cell transplantation on a not-for-profit basis.

To do research, advocacy, training, education and other interventions in social & health sectors

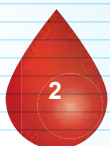


Bangalore Medical Services Trust (BMST)

History: Bangalore Voluntary Blood Bank initiated in 1983 to help Government hospitals with blood donation camps, took on a new avatar in 1984 as Bangalore Medical Services Trust (BMST) as a partnership of the Rotary Club of Bangalore and TTK & Company.

BMST today is the only standalone, charitable organization in India which has a blood centre, a tissue bank, HLA Lab and, in partnership with DKMS, a Stem Cell Registry. BMST therefore provides a wide spectrum of services in the field of blood, organ and cellular therapies

Throughout our journey, Quality has been our Mantra. The following are some important steps we have taken to achieve this blood and tissues collected from voluntary donors only; all tests conducted using the latest testing platforms and technology; a high degree of automation to minimize manual errors with a software programme that is interfaced with the automated testing equipment and barcodes and integrates all functions to knit it all together from- vein-to-vein



Rotary Bangalore TTK Blood Centre

Ours is a Regional Blood Transfusion Centre, Karnataka. Blood is collected at Voluntary Blood Donation Camps held at Industries and colleges. The blood is tested for HIV, Hepatitis etc by Chemiluminescence as well as NAT in order to add an extra layer of safety. It is processed into blood components to ensure optimal use.

With a voluntary donor base of over 5 Lakh donors, today we collect around 35 thousand units of blood annually and issue blood components to patients in over 500 hospitals in Bangalore and surrounding areas. Over 10 Lakh patients have benefitted so far.

Around 30% of the blood is given free or subsidized to Government hospitals, poor patients and Thalassemia patients.

The blood centre is the Immunohematology Reference Laboratory to solve blood group and cross-match problems for South India



The first Voluntary Blood donation camp held at TTK Prestige in 1983, attended by cricketers Mohinder Amarnath, Sunil Gavaskar & Kapil Dev. Bishen Singh Bedi (not seen here) donated blood.

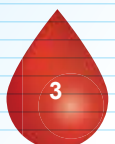
Feedback at blood donation camps:

"It is always a pleasure to work with BMST for blood donation camps. We would like to hold more such camps. The Team is quite professional and handles the events themselves. Nice Work."

- Praveen Kulkarni, Intuit

"We are proud to be associated with Rotary ttk blood bank for this CSR activity. The blood donation camp was well coordinated. Thank you for your efforts."

- Vijay Kumar, Unisys



Thalassemia Management Program

Day Care Transfusion Centre

At BMST's day care blood transfusion centre for Thalassemia patients, named after Late Rtn Arun Kumar, blood transfusions are given free every month to around 100 patients with Thalassemia, Hemophilia and other hematological disorders who need regular, repeat transfusions.



A thalassemia patient with her baby.

As part of BMST's Thalassemia Prevention and Control Programme, 1362 relatives of 522 Thalassemia patients from 499 families from all over Karnataka were tested for the Thalassemia carrier status and were given genetic counselling. The Carrier status in our study was around 34%.

"Friendly staff, excellent service, high professionalism and safe blood because of NAT (test). We were travelling every 3 weeks from Hyderabad to Bangalore to get the blood transfusion for my daughter for more than 2 years till we shifted to Bangalore recently".

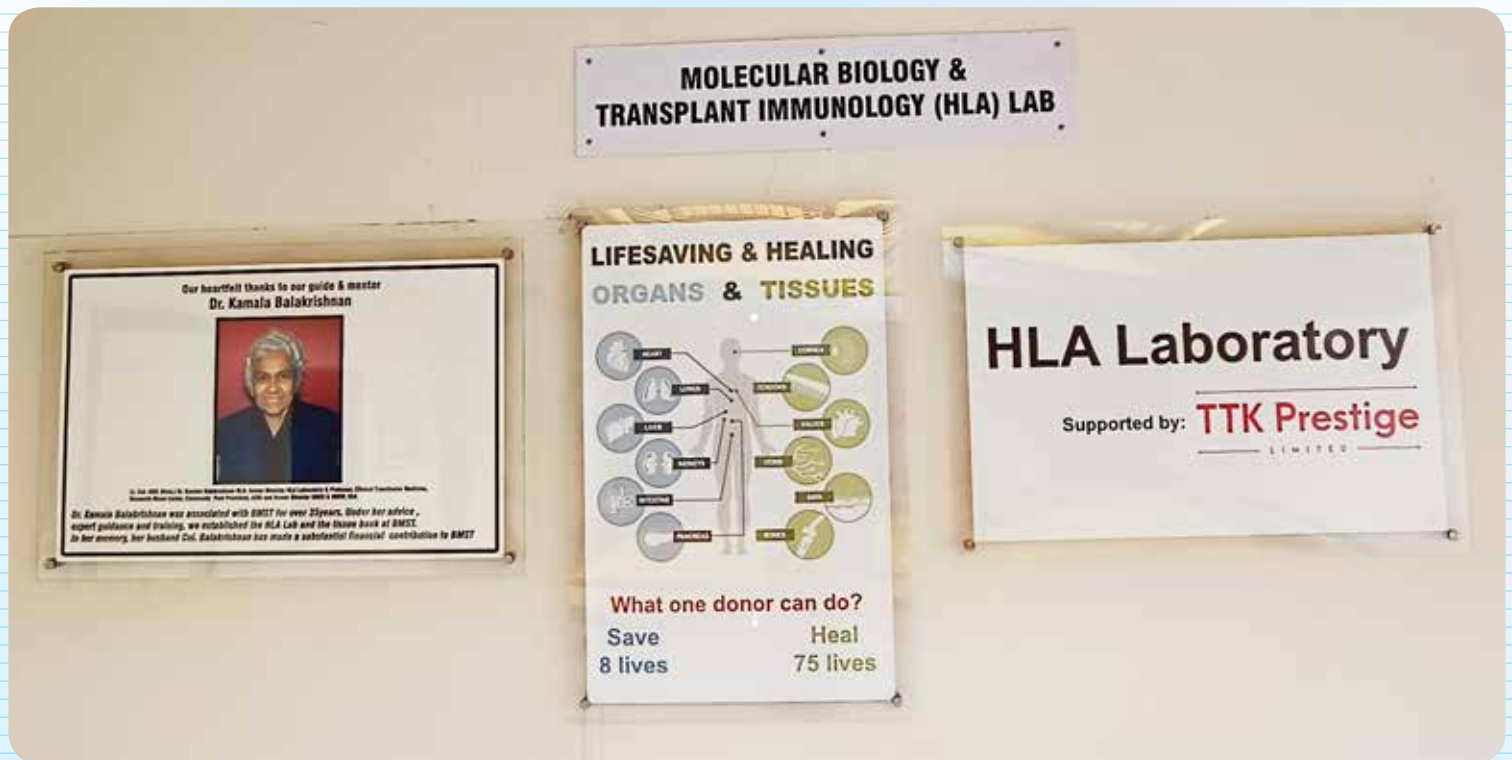
- Mother of a Thalassemia patient

"Excellent quality, tested blood provided free of cost at TTK is a boon to people with thalassemia. Apart from the quality of blood provided, we get excellent care thanks to a skilled nurse who ensures pain-free transfusion for children and adults. Blood transfusion is the mainstay of a thalassemic's life and by providing this basic service TTK is much appreciated by everyone. Apart from clinical care, we also receive a healing touch at TTK because of the warm, affectionate staff and cheerful nurse who takes care of us during transfusions".

- Namitha Kumar who has been using the blood transfusion services since 1991



Transplant Immunology Laboratory (HLA lab)



The HLA lab, set up in 1994, is NABH accredited and is one of the few labs in India using the latest technologies and test methods to meet International standards. Around 10,000 patients have benefitted from the tests required for both solid organ as well as Stem Cell Transplants including NGS based HLA typing, antibody identification, Cross Match and PRA. We support the State Organ and Tissue Transplant Organization (SOTTO) for deceased (cadaver) donor transplants.

Tissue Bank

Set up in 2010, ours is amongst the very few tissue banks in the country and the first in Karnataka. We collect bone fragments which are otherwise discarded after knee & hip replacement surgeries. These undergo cleaning, pasteurization, freeze drying and Gamma Irradiation. The bone tissues, bone paste and granules produced are used by Orthopedic and Dental surgeons in over 100 hospitals, pan-India.



"TTK Bone Allografts have been a boon to our patients since this service has been launched. I have used them frequently for filling bone voids in non-unions of fractures, metaphyseal defects after elevating tibial condylar and distal radius depressed articular fractures and in severely comminuted fractures. Their minimal allogenic properties, availability in convenient ready-to-use sterile packs in different weights, no special storage requirements and cost-effectiveness make TTK Bone allografts an attractive addition to the armamentarium of our Orthopaedic team at Manipal Hospital, Bangalore".

Thanks you for providing the service and look forward to our continued partnership".

- Dr. Hemant K. Kalyan

HOD & Consultant in Orthopedics & Sports Medicine, Manipal Hospital, Bangalore

"It's a pleasure to write a testimonial for your bone graft. As a Periodontist, I use this product in all bone grafting requirements. I use in the product in periodontal surgery and implant surgeries(dental implants) ,what was impressive is its handling characteristics, during the surgery .It's a one solution for all my grafting requirements like intra bony defects as a part of treating periodontal disease and its used in all implant surgeries like deficient bone sites and sinus augmentation.

The organisation is doing a great service to the country by producing the graft in the country and thereby reducing the cost, which in turn reduces the treatment cost. I hope the organisation will keep up the good work"

- Dr. D. Satyanarayana

M.D.S (Perio), Consultant Periodontist, Private Practitioner, Hyderabad

DKMS BMST Foundation India

Set up in 2019 in collaboration with DKMS, Germany, its mission is to give as many blood cancer and blood disorder patients as possible, a second chance at life. Till date DKMS-BMST has registered around 70,000 Blood Stem Cell Donors and helped 70 patients needing a Blood Stem Cell Transplant



Peripheral Blood Stem Cells being collected from Voluntary Stem Cell Donors at BMST

Blood Stem Cell Donor stories

Deepika, a banking professional registered as a potential blood stem cell donor in August 2018 during one of the donor registrations drives at her workplace. In just a year of registration, she got a call on being a perfect match for a patient in need of a blood stem cell donor. On February 14th, 2020, she donated her blood stem cells. Speaking on her journey, Deepika said **“Once I was aware of the whole process, I decided to become a blood stem cell donor. Knowing there was someone who urgently needed my blood stem cells made it highly convincing for me to tolerate just a needle prick pain”**. She also said, **“Donating my blood stem cells was an easy process and on Valentine’s Day was the perfect act of love and care.”**

Harsh, an army man registered as a potential blood stem cell donor in July 2019 during his military training and just five months later he came up as a suitable match and was able to donate his blood stem cells to a 39-year-old cancer patient through peripheral blood stem cell collection (PBSC). **“In just five months, I received a phone call from DKMS-BMST informing me that I was a possible match for a patient. I said yes straight away to be a potential lifesaver. I had a lot of mixed feelings about the donation because I was unaware of the concept. But all queries were clarified at once and all the required information on the process was explained to me”** said Harsh.

Blood Stem Cell Patient stories

9-year-old girl Grishmitha, a resident of Kundapura, Karnataka was diagnosed with Thalassemia in 2014 and she received a stem cell transplant under Dr. Sunil Bhat at Narayana Health Bengaluru in 2017 through a DKMS donor. Currently she is in 3rd standard, fully recovered and is growing like any other child of her age.”

Thalassemia survivor Bibek Singh is a 12-year-old boy from Ludhiana, Punjab. He was diagnosed with Thalassemia in 2010 and had to undergo blood transfusion every 15 days, until he found a matching donor through DKMS and underwent a stem cell transplant in 2018 under Dr. Joseph John at CMC Ludhiana. Bibek is doing well and has an active lifestyle now.



Training and Capacity Building, R&D and advocacy

BMST is a designated Training Centre of National Blood Transfusion Council (NBTC) Department of H&FW, Government of India, Karnataka State Blood Transfusion Council, WHO, Asian Association of Blood Banks (AATM), ISBTI, The India Immunohematology Initiative of the International Society of Blood Transfusion (ISBT), and other National and International bodies to provide education, training, capacity building, technical know-how, expertise and support in the areas of Blood Banking and Transfusion, Immunohematology, quality management, HLA and Transplant Immunology. We have conducted several CMEs, Workshops, conferences etc.

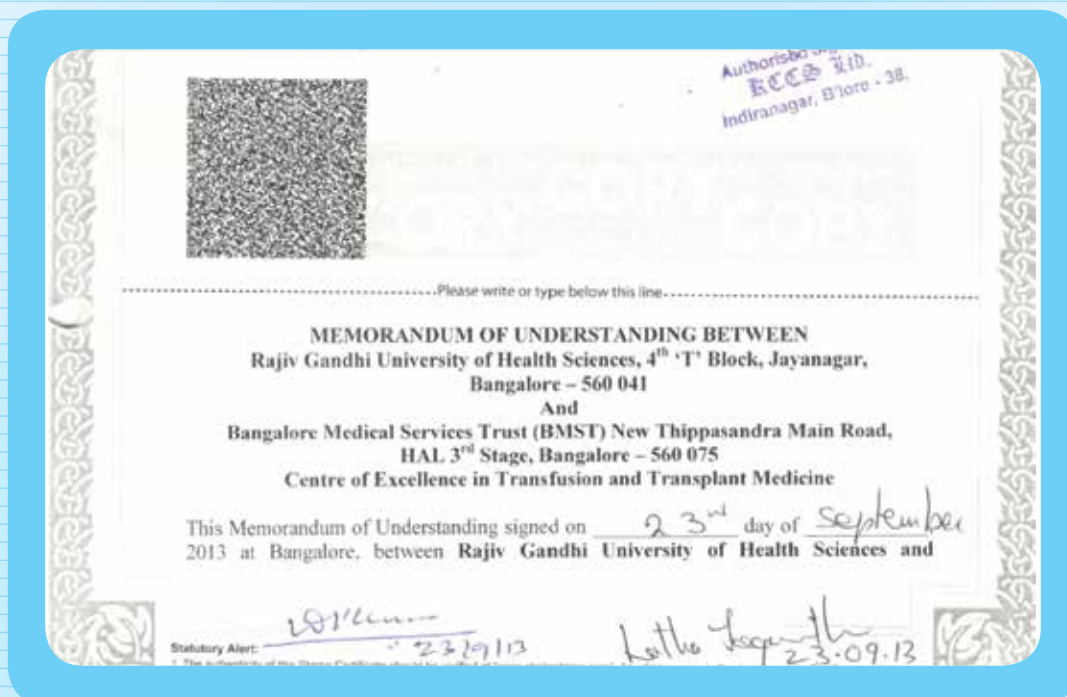
Rotary Bangalore TTK Blood Centre, BMST was adjudged the best in the country by NBTC. It is one of the seven training centres identified by AATM for the Fellowship programs for its members, the others are Tata Memorial Hospital, Mumbai, Medanta Blood Bank, Gurgaon, Singapore Blood Center, Shanghai Blood Center, China; National Blood Transfusion Center, Sri Lanka and Iranian Blood Transfusion Organization

We also play a major role in Policy making for Blood Banking and Transfusion Services at both Central and State level.



Research & Development

Recognized as a Scientific and Industrial Research Organization (SIRO) by DSIR, and designated by Rajiv Gandhi University of Health Sciences (RGUHS) and a Centre of Excellence we have carried out several research projects published in peer reviewed journals



Testimonials from facility visitors

Congratulations on an effort which is useful in Bangalore. Deeply impressed with the international standards maintained. Bangalore is fortunate to have this institution.

S M Krishna || Deputy Chief Minister, (later Chief Minister), Government of Karnataka || 14th June 1992

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I am indeed pleased that my friend Kasturi has brought me this morning to the temple of service. Truly an abode of the Lord. My good wishes for the whole work being carried out by Dr. Latha and her colleagues. God bless.

O P Vaish || RI Director 1999-2001 || Rotary Foundation Trustee 1991-1994 || 25th June 1993

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It is projects such as this that bring to notice of the public the concept of Rotary. This blood bank is in the highest traditions of Rotary!

Hugh Archer || Past President RI || Chairman, Rotary Foundation || 13th December 1994

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It gave me great pleasure and satisfaction to see this state of the art blood bank developed by Rotary International and TTK People. I wish we have many more centers of this nature in our country which can really promote the concept of Voluntary Blood Donation in a big way – which is the need of the hour. Keeping in view the big threat of AIDS likely to affect our motherland also in this decade itself. All my good wishes and congratulations to the staff, doctors and of course the promoters of the concept.

Dr. Harsh Vardhan || Minister of Health, Law, Justice and Legislative Affairs || Delhi Government || 19th September 1995

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If I had a wish it would be to have a facility like this in every part of India

Ms. Renuka Chowdhury, Member Rajya Sabha || 28th October 2009

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Awards and Recognitions



Kempegowda Award,
Karnataka in 2007 in recognition of work in
the area of voluntary blood donation.



Awards and Recognitions



Mrs. Lakshmi Ravichandran,
HOD – Donor Recruitment & Honorary Trustee
receiving the 'Award of Excellence' from National
Blood Transfusion Council (NBTC) for working towards
100% Voluntary Blood Donation on June 14th 2016



**Indian Society of
Blood Transfusion and
Immunohematology
(ISBTI) Institutional
Award - 2018**
for innovative ideas in
the field of scientific
research in Transfusion
Medicine



**Indian Society of
Blood Transfusion and
Immunohematology
(ISBTI) H.D. Shoure Award**
to Dr. Ankit Mathur for
innovative ideas / research
in the field of Transfusion
Medicine



**Indian Society of
Blood Transfusion and
Immunohematology
(ISBTI)**
Lifetime Achievement
Award for making
outstanding contribution
in the field of Transfusion
Medicine



**Asian Association of
Transfusion Medicine
(AATM)**
Excellence Award 2022 to
Dr. Latha Jagannathan....

The people and organizations behind BMST

Rotary Club of Bangalore:

Rotary Club of Bangalore is the oldest and largest Rotary club in Rotary District 3190. Besides BMST, the club has supported several other education, health and community projects

TTK & Co:

The TTK Group, started in 1928, is an Indian business conglomerate with a presence across several segments of industry including consumer durables, cookware, foods pharmaceuticals and supplements, , bio-medical devices, virtual assistant services and health care services. Other than BMST, TTK & Co have supported several social causes with CSR funding

BMST Trustees:

BMST has 12 trustees, 6 nominees of TTK & Co. and 6 of Rotary Club of Bangalore who change every year. The Chairman is a nominee of RCB & the Managing Trustee a nominee of TTK & Co.



Rtn. PDG K N Prabhashankar
Chairman



Dr. Latha Jagannathan
Founding Trustee, Medical
Director & Managing Trustee,



Mr. T T Jagannathan
Chairman, TTK & Co, Founding Trustee



Mrs. Lakshmi Ravichandran
Head Donor Recruitment



Mr. M Lakshminarayan
Trustee



Mr. Ramesh Venkateswaran
Trustee



Rtn. Sanjay Udani
Trustee



Rtn. Nalini Nanjundayya
Trustee



Rtn. Gowri Snehal Oza
Trustee



Rtn. M C Dinesh
Trustee



Rtn. Solomon Paramel
Trustee

Funding and other Support

BMST is thankful to the several organizations individuals who have provided the funding support for infrastructure and specific programs and projects including the Government of Karnataka which awarded a CA site on long lease in which to house BMST.

In addition, many people have contributed their time, expertise and effort pro-bono, some of whom are Dr. Latha Jagannathan, Ms. Lakshmi Ravichandran, Ms. Lata Amashi & Mrs. Geetha Santhanam, Rtn. PDG P.T.Kasturi, Rtn. PDG Capt. V.V.K. Mani and Rtn, Arun Kumar, founder trustees, Dr. Kamala Balakrishnan, and Mr. Pratap

BMST's profound thanks to

Voluntary Blood Donor Organizations, Rotarians and other people who help organize blood donation camps

- Voluntary Blood Donors
- Organ & Tissue Donors
- Stem Cell Donors
- Organizations and Individuals who have supported us with funding
- Volunteers who have contributed with their time and effort

BMST, as a part its 40th anniversary celebrations, held an event on 16th of January, 2023 to felicitate the people who play a significant role quietly, behind the scenes for the transplant program in Karnataka. Dr. K Sudhakar, Honourable Minister for Health & Family Welfare and Medical Education was the chief guest at this function where he honoured the State Organ and Tissue Transplant Organisation (SOTTO) team, the HLA/Transplant Immunology Laboratory team of BMST, Suvarna Arogya Suraksha Trust team, doctors from the Forensic department, traffic police personnel and airport authorities

Dr. Latha Jagannathan, Medical Director and Managing Trustee, BMST, speaking at the function, gave a short overview of the history and services offered by BMST in the last 4 decades. She thanked all the people who have made this possible, including blood, organ & tissue and Stem Cell donors, the organizations and individuals who have given funding support and volunteering time and effort for BMST.

She said “On the 40th anniversary of BMST, we decided to recognise and honour the silent heroes who make the process of organ donation and transplant a success. Everyone who has worked with us to advance the campaign for organ donation and transplantation is a hero. We appreciate their contributions.”





Dr. K Sudhakar, Honourable Minister for Health & Family Welfare and Medical Education, on a facility tour of BMST.



Dr. Sudhakar, inaugurated the upgraded TTK HLA Lab facility, seen here greeting the directors from TTK Prestige.



Dr. K Sudhakar, Honourable Minister for Health & Family Welfare and Medical Education, speaking on the occasion, appreciated the effort of BMST in the area of blood banking growing from a mere 500 blood units a year to 40,000 units p.a, stating, "Bangalore Medical Services Trust (BMST) has accomplished its objectives and served the society for the last 40 years. Be it Voluntary Blood Donation camps, facilitating Organ or stem cell transplant, the trust has been adopting new technologies and inventions in the field and have rendered selfless service. Dr. Latha Jagannathan, Managing Trustee and Medical Director, has been the force behind it for the last 40 years.

On completing 40 years, BMST felicitated the unsung heroes behind the Organ Transplant and I became part of their celebration. I wish all the success to the Trust and we, the government are prepared to extend all the support to this organisation".

(ಬ್ಯಾಂಗಲೋರ್ ಮೆಡಿಕಲ್ ಸರ್ವಿಸಸ್ ಟ್ರಸ್ಟ್ (ಬಿಎಂ ಎಸ್ ಟಿ), ಕಳೆದ 40 ವರ್ಷಗಳಿಂದ ಬಹಳ ಒಳ್ಳೆಯ ಸಾಧನೆ ಮತ್ತು ಸೇವೆಯನ್ನು ಮಾಡಿದ್ದಾರೆ. ರಕ್ತದಾನ ಶಿಬಿರಗಳು, ಅಂಗಾಂಗ ದಾನಕ್ಕೆ ಮತ್ತು ಕಸಿ ಮಾಡುವರಿಗೆ ಸಹಾಯ ಕಲ್ಪಿಸೋರೋದು, ಸ್ವೆಮ್ ಸೆಲ್ಸ್ ದಾನದಲ್ಲಿ, ಹೀಗೆ ಹೊಸ ತಂತ್ರಜ್ಞಾನ, ಆವಿಷ್ಕಾರಗಳನ್ನು ಅಳವಡಿಸ್ಕೊಂಡು, ಈ ಸಂಸ್ಥೆಯವರು ನಿರ್ವಹಿಸಿ ಸೇವೆಯನ್ನು ಮಾಡುತ್ತಾಇದ್ದಾರೆ. ಇದರ ಹಿಂದೆ ಶ್ರೀಮತಿ ಲತಾ ಜಗನ್ನಾಥನ್ ಅವರು ಮೆಡಿಕಲ್ ಡೈರೆಕ್ಟರ್ ಮತ್ತು ಮ್ಯಾನೇಜಿಂಗ್ ಟ್ರಸ್ಟಿಯಾಗಿ ಕಳೆದ 40 ವರ್ಷಗಳಿಂದ ಸೇವೆ ಸಲ್ಲಿಸಿದ್ದಾರೆ.

ಈ ಅಂಗಾಂಗ ದಾನದಲ್ಲಿ ತೊಡಗಿರೋ ಹಲವಾರು ಸಂಸ್ಥೆಗಳು ಮತ್ತು ಜನರು ಪರಥೆ ಹಿಂದೆ ಕೆಲಸ ಮಾಡ್ತಾ ಇರುತ್ತಾರೆ. ೪೦ ವರ್ಷ ಪೂರಾ ಮಾಡಿದ ಹಿನ್ನೆಲೆಯಲ್ಲಿ ಬಿಎಂ ಎಸ್ ಟಿ ಅವರು ಅಂಥವರನ್ನು ಗುರುತಿಸಿ ಸನ್ಮಾನ ಮಾಡೋ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ ನಾನು ಭಾಗಿಯಾಗಿದ್ದೇನೆ.

ಈ ಸಂಸ್ಥೆಗೆ ಒಳ್ಳೆಯದಾಗ್ಲಿ. ಈ ಸಂಸ್ಥೆಗೆ ಸರ್ಕಾರದಿಂದ ಏನು ಸಹಾಯ ಆಗಬೇಕೋ ಅದನ್ನು ಕೊಡೋಲು ನಾವು ತಯಾರಿದ್ದೇವೆ.)



Dr. Kiran Kumar, Joint Director, Health & Family Welfare Services, Government of Karnataka and the other members of the SOTTO Team being felicitated.



The HLA/Transplant Immunology Lab team from BMST



The Airport Authorities



Suvarna Arogya Suraksha Trust team

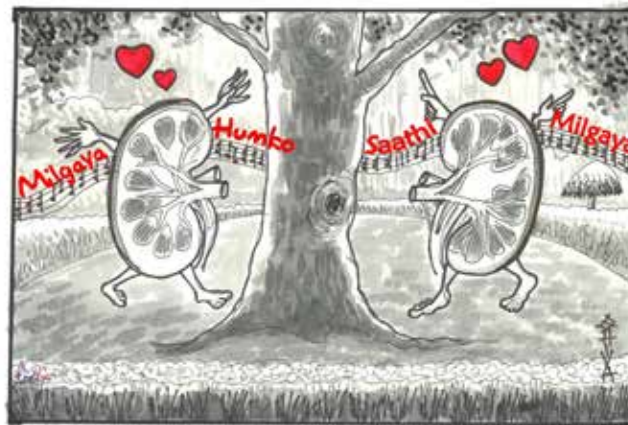


Suvarna Arogya Suraksha Trust and the Forensic teams



BMST's work seen through the eyes of creative minds

- Ms. Sadiqa Peerbhoy and Mr. Shiva



BMST
Bangalore Medical Services Trust

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For any queries on blood requirement, bbmo@bmstindia.org

For any HLA queries, ankit@bmstindia.org

For any queries on tissue banking, ankit@bmstindia.org

For any grievance redressal send a mail to mssp@bmstindia.org