



Blood and Transplant



**MOHAN**  
FOUNDATION

**NHSBT, UK - MOHAN FOUNDATION, INDIA**

## **MoU Report**

**January 2015 - February 2020**



# Activity Report

January 2015 – February 2020

*Under the auspices of the Memorandum of Understanding*

*signed between*



**Blood and Transplant**

&



**MOHAN**  
FOUNDATION



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## **January 2015 - Landmark MoU signed between NHS Blood and Transplant, UK and MOHAN Foundation, Chennai**

MOHAN Foundation (MF) entered into a landmark Memorandum of Understanding (MoU) with NHS Blood and Transplant (NHSBT), UK on 30<sup>th</sup> January 2015 during the culmination of the Advanced Transplant Coordinators' Workshop – 2<sup>nd</sup> consultative meeting for senior Transplant Coordinators in Chennai.

The objective of the MoU was to promote collaboration and knowledge sharing between the two organisations with the aim of increasing the organ donation rate in India and the United Kingdom (UK).

**MOHAN FOUNDATION**

**MoU Signing Ceremony**

The Board of trustees and members of MOHAN Foundation cordially invite you to the signing of the Memorandum of Understanding between **NHS Blood and Transplant, UK** and **MOHAN Foundation**

on  
**Friday, 30<sup>th</sup> January 2015**  
**2.15 pm - 3.15 pm**  
at  
**Ramada Egmore Chennai**

**Dr. J. Radhakrishnan IAS**  
Principal Secretary  
Health & Family Welfare, Government of Tamil Nadu  
has kindly consented to be the Chief Guest

**Prof. James Neuberger**  
Associate Medical Director of NHS Blood and Transplant (NHSBT), UK  
will preside over the function

**Dr. Satya Vrat Sharma, MBE**  
Chair, Promoting Organ Donation (POD), UK, Chair, India UK (INUK) Forum,  
will be the Guest of Honour

**Dr. Sunil Shroff**  
Managing Trustee  
MOHAN Foundation

**Mrs. Lalitha Raghuram**  
Country Director  
MOHAN Foundation

**Dr. Sumana Navin**  
Course Director  
MOHAN Foundation



The signatories of the MoU were Prof. James Neuberger, Associate Medical Director for Organ Donation and Transplantation on behalf of NHSBT and Dr. Sunil Shroff, Managing Trustee on behalf of MF in the presence of the Chief Guest Dr. J. Radhakrishnan, IAS, Principal Secretary, Health & Family Welfare, Government of Tamil Nadu.

The other dignitaries were Dr. Satya Vrat Sharma, MBE, Chair, Promoting Organ Donation (POD), UK and Chair of the MoU Steering / Implementation Group, Dr. Sridhar Nagaiyan, Former NHSBT Regional Director for Organ Donation, Midlands, UK and presently Senior ICU consultant, Intensive Care Unit, Kauvery Hospital, Chennai, Dr. Samiran Nundy, Emeritus Consultant, Gastroenterology & Liver Transplant, Sir Ganga Ram Hospital, New Delhi.



***From L to R - Dr. Sridhar Nagaiyan, Dr. Satya Vrat Sharma, Dr. J. Radhakrishnan, Prof. James Neuberger, Dr. Sunil Shroff***



***Dr. Satya Vrat Sharma, MBE, Chair, Promoting Organ Donation (POD), UK and Prof. James Neuberger, Associate Medical Director for Organ Donation and Transplantation, NHSBT during the MoU signing ceremony***



**February 2015** - The MoU was reaffirmed at a signing event held on 26<sup>th</sup> February 2015 at the House of Lords, UK. The event was hosted by Baroness Finlay of Llandaff, President of the British Medical Association. The MoU was signed by Ian Trenholm, Chief Executive, NHSBT and Dr. Sunil Shroff, Managing Trustee, MOHAN Foundation.

MOHAN Foundation will work with NHSBT to help improve organ donation rates among Black, Asian and Minority Ethnic communities in the UK. These communities have a higher incidence of diabetes, heart and kidney disease that often result in organ failure and require a lifesaving transplant. There are currently 6,871 people on the transplant list, including 1071 British Asian people. The NHSBT in turn will help MOHAN Foundation with their expertise to help improve organ donation rates in India.



*Left to right – Dr. Sridhar Nagaiyan, Dr. Satya Vrat Sharma, Mr. Mohan Mahal, Dr. Sunil Shroff, Baroness Finlay of Llandaff, Mr. Ian Trenholm, Prof. James Neuberger*

Ever since the MoU was signed, both the NHSBT and MOHAN Foundation have worked together to share experience and gain knowledge of each other's practices and expertise. Collaborative working and sharing practice will continue to progress and support India & UK in improving donation rates, working towards saving and improving lives.

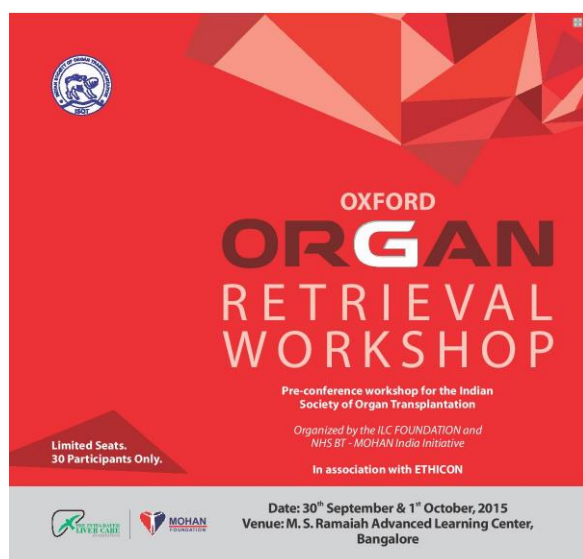
## **MoU Achievements**

- ✓ Members from each organisation meet annually to discuss ideas and plan activities which are aimed at helping to improve organ donation rates among Black, Asian and Minority Ethnic (BAME) communities in the UK and also improving donation rates in India.
- ✓ Satya Sharma, Ambassador - Organ donation, NHSBT, UK has been working closely with the Bishop of Litchfield and the 'Flesh & Blood' initiative working to raise awareness of donation amongst the BAME communities. This initiative is supported by the Archbishop of Canterbury.
- ✓ Darius Mirza, Consultant, Hepatobiliary and Transplant Surgeon, University of Birmingham, UK is currently on a secondment in India where he is sharing his knowledge and expertise with surgeons in India. Darius is spending 80% of his time in India and providing teaching and sharing practice with doctors & surgeons.

## **September 2015 - National Organ Retrieval Course, Bengaluru**

Organ transplantation from deceased donors is in its infancy in India. Safe organ retrieval is the cornerstone of successful organ transplant programs. There is a pressing need to train surgeons in the technique of deceased donor organ recovery, but this training is not part of any surgical curriculum at the present time. Consequently, the surgical discipline of transplantation surgery has yet to develop to its full potential in India.

The Integrated Liver Care Foundation, in partnership with the Indian Society of Organ Transplantation (ISOT) and the MOHAN Foundation with experts from Oxford and Birmingham Universities conducted a structured course on teaching the process of Organ retrieval to surgeons in India in a cadaver model. This workshop was held on 30<sup>th</sup> September & 1<sup>st</sup> October 2015 at MS Ramaiah Advanced Learning Centre, Bengaluru. A total of 40 surgeons from various parts of the country attended the workshop.





## **October 2015 – 26<sup>th</sup> Annual Conference of Indian Society of Organ Transplantation, Chennai**

The 26<sup>th</sup> Annual Conference of Indian Society of Organ Transplantation (ISOT) was held from 1<sup>st</sup> October – 4<sup>th</sup> October 2015 at the Leela Palace, Chennai. The conference had participation from a number of faculty members from the UK.

- Novel biomarkers to predict allograft outcomes in deceased donor transplants - Dr. Rutger Ploeg, Director of Clinical and Translational Research, Oxford Transplant Centre
- Nuances in postoperative care of paediatric liver transplantation - Dr. Darius Mirza, Consultant, Hepatobiliary and Transplant Surgeon, University of Birmingham, UK
- Graft Perfusion and bench dissection - Dr. Isabel Quiroga, Clinical Lead for Organ Retrieval, Oxford University, UK
- Are we ready to come in from the cold? - Dr. Peter Friend, Professor of Transplantation and Director of the Oxford Transplant Centre, UK
- Paired kidney exchanges: an idea whose time has come – Dr. Nithya B Krishnan



***Dr. Darius Mirza, Consultant, Hepatobiliary and Transplant Surgeon, University of Birmingham, UK speaking on “Nuances in postoperative care of paediatric liver transplantation”***



***Dr. Isabel Quiroga, Clinical Lead for Organ Retrieval, Oxford University, UK speaking on “Graft Perfusion and bench dissection”***



**Session on “Are we ready to come in from the cold?” addressed by Dr. Peter Friend, Professor of Transplantation and Director of the Oxford Transplant Centre, UK**



**Dr. Nithya B Krishnan felicitated by Dr. Georgi Abraham (Left), President, Organizing Committee, ISOT & Dr. Narayan Prasad, Professor, Department of Nephrology, Sanjay Gandhi Postgraduate Institute of Medical Sciences, Lucknow, India**

## **October 2015 – Annual Transplant Coordinators Conference, Chennai**

A two-day Annual Transplant Coordinators' Conference was organised on 3<sup>rd</sup> and 4<sup>th</sup> October 2015 at the Leela Palace, Chennai which was attended by 120 delegates from all corners of India. The delegates had the rare opportunity of listening to some of the finest speakers from all over the world. The following faculty from the UK shared their experiences in deceased organ donation, in the areas of public engagement, ABO incompatible transplantation, and organ distribution.

- Public engagement with organ donation - Dr. Gurch Randhawa, Professor of Diversity in Public Health & Director, Institute for Health Research, University of Bedfordshire, UK
- How to increase the number of organ donations in the country - Mr. Kirit Mistry, Community Link - Organ Donation (BAME Communities, Diverse and Faith Communities) for Derby Hospital NHS Foundation Trust and University Hospitals of Leicester NHS Trust, Derby, UK
- National organ retrieval service in the UK - Dr. Isabel Quiroga, Clinical Lead for Organ Retrieval, Oxford University, UK



**Dr. Gurch Randhawa, Professor of Diversity in Public Health & Director, Institute for Health Research, University of Bedfordshire, UK speaking on “Public Engagement with Organ Donation”**



**Mr. Kirit Mistry, Community Link - Organ Donation (BAME Communities, Diverse and Faith Communities) for Derby Hospital NHS Foundation Trust and University Hospitals of Leicester NHS Trust, Derby, UK**



**January 2016 - Advanced Transplant Coordinators' Workshop - 3<sup>rd</sup> consultative meeting to improve organ and tissue donation, Chennai**



***Release of Indian Transplant Newsletter (ITN) at the inauguration  
(L – R): Mrs. Lalitha Raghuram, Dr. Sunil Shroff, Dr. Alvin Chua, Dr. Sanjay Deshpande, Dr. Sumana Navin***

The Advanced Transplant Coordinators' Workshop – 3<sup>rd</sup> Consultative meeting was held at the Radha Regent, Chennai on 29<sup>th</sup> & 30<sup>th</sup> January 2016. The meeting's focus was to explore strategies to improve organ and tissue donation in India through Donation after Circulatory Death (DCD) and tissue banking. Many stakeholders and experts from different parts of the country and abroad participated in the meeting.

DCD has helped increase the donation rate in many countries in the West, revolutionised lung donation and some are even contemplating a heart transplant after DCD. The workshop had the international faculty - Dr. Sanjay Deshpande, **Clinical Lead for Organ Donation, NHSBT, UK** and Ms. Michelle Hunter, **Specialist Nurse - Organ Donation, Northern Team, NHSBT, UK**.

Dr. Deshpande in his session on “**Donation after Circulatory Death (DCD)**” said that three people die every day in the UK waiting for an organ. The Organ Donation Taskforce in 2008 made 14 recommendations to increase organ donation in the country. One of them was to appoint Clinical Leads for Organ Donation (CLODs) and Specialist Nurses in Organ Donation (SNODs). As a result of the implementation of the recommendations, organ donation increased by 50% in 2013. In fact, in 2013-14, there were 1320 deceased organ donors compared to 809 deceased organ donors in 2007-8, which was an increase of 63.2%. Out of the 1320 deceased organ donors, 539 were DCD donors and 781 were DBD (Donation after Brain Stem Death) donors. He added that evidence suggests that kidneys retrieved from DCD donors have the same outcome as those from DBD donors.



*Dr. Sanjay Deshpande speaking on “Donation after Circulatory Death (DCD)”*



*Dr. Sanjay Deshpande taking questions from the audience*

Ms. Hunter, in her talk on **“DCD Process - Role of Specialist Nurse”** said that the SNOD was the lynchpin in the DCD process, and that she emphasised to all units that if there was no referral there was no donor. There was 100% referral for all DBDs in 14 hospitals in the Northern region. There was 90% referral for DCDs (many of them had terminal illnesses). She took the participants through a visual timeline of the donation process (DCD) and also outlined the role and responsibilities of the SNOD. The decision on futility of treatment is made independent of organ donation. This is shared with the SNOD (referral).

Two separate conversations are needed with the family– one about withdrawal of care and once that is understood, the conversation on organ donation takes place. The SNOD checks with the family about the patient’s wishes and if he is on the Organ Donor Register. Ms. Hunter reiterated that the patient was to be treated with dignity and respect at all times. It is important to answer the concerns of the family and it may take time, but the presence of the SNOD increases the chance of consent. And it is only the SNOD who can take written consent from the family. The fact that the donation process could be lengthy should be explained to the family as well as the protocol involved in Withdrawal of Life Sustaining Treatment (WLST). The DCD process is very emotive, long and resource intense, but has immense potential to offer comfort to donor families.



*Ms. Michelle Hunter speaking on “DCD Process – Role of Specialist Nurse”*



*Dr. Ravi Wankhede, Honorary Director, MOHAN Foundation, Nagpur felicitating Ms. Michelle Hunter*

## **February 2016 - Dr. Sumana Navin, Course Director, MOHAN Foundation attends Deceased Donation Course for Intensive Care Medicine (ICM) trainees in Nottingham and visits NHSBT Tissue Services, Liverpool, UK**

Under the auspices of the MoU signed, Dr. Sumana Navin, Course Director, MOHAN Foundation was invited as an observer for the Deceased Donation Course for Intensive Care Medicine (ICM) trainees in Nottingham by Dr. Dale Gardiner, Deputy National Clinical Lead for Organ Donation, NHSBT which was held on 24<sup>th</sup> & 25<sup>th</sup> February 2016 at Jurys Inn and Trent Simulation & Clinical Skills Centre, QMC Campus, Nottingham University Hospitals. Dr. Sumana Navin also visited the NHSBT Tissue Services in Speke, Liverpool on 29<sup>th</sup> February 2016, which serves as the hub for the coordination, retrieval, processing, banking and supply of human tissue grafts in the UK – bone, skin, cardiovascular, tendons and eyes.



***Dr. Sumana Navin (Centre) with Dr. Richard Lomas, Senior Clinical Development Scientist and Dr. Akila Chandrasekar, Consultant in Transfusion Medicine at the NHSBT Tissue Services, Liverpool***



***(L to R) - Dr. Dan Harvey, Consultant, Intensive Care Medicine, Dr. Sumana Navin, Dr. Dale Gardiner, Deputy National Clinical Lead for Organ Donation***



***Dr. Sumana Navin with the Specialist Nurses in Organ Donation (SNODs) in Nottingham***

## **June 2016 - National Organ Retrieval Course, Bengaluru**

The 2<sup>nd</sup> Multi organ retrieval workshop was conducted at the MS Ramaiah Advanced Learning Centre, Bengaluru on 24<sup>th</sup> and 25<sup>th</sup> June 2016. The structured course on teaching the process of organ retrieval to surgeons was organised by the Integrated Liver Care Foundation, in partnership with the Indian Society of Organ Transplantation (ISOT) and the MOHAN Foundation with experts from Oxford and Birmingham Universities. A total of 39 surgeons attended the workshop.



**June 2016 - Dr. (Prof.) Jagdish Prasad, Director General of Health Services,** Ministry of Health & Family Welfare, Government of India, visited Liverpool Bio-Innovation Hub Biobank, UK

## **September 2016 - National Organ Donation and Transplantation Congress 2016 in Warwick, UK**

Under the auspices of the MoU signed between MOHAN Foundation and NHSBT, UK, Dr. Sunil Shroff, Managing Trustee, MOHAN Foundation was invited to attend the National Organ Donation and Transplantation Congress 2016 in Warwick, UK. The theme of the congress was **“Challenging Paradigms: to match world class performance”**.

The conference was held on 20<sup>th</sup> & 21<sup>st</sup> September 2016 at the University of Warwick. Other supporters of MOHAN Foundation attended the congress were Dr. Sridhar Nagaiyan, Senior ICU consultant, Intensive Care Unit, Kauvery Hospital, Chennai (Former Regional Director for Organ Donation, Midlands, NHSBT, UK), Dr. Sheetal Dhadphale - Mahajani, Medical Gastroenterologist, Ruby Hall Clinic, Pune and Mrs. Arati Gokhale, Central Coordinator, ZTCC Pune.



*From L to R: Dr. Sridhar Nagaiyan (Senior ICU consultant, Intensive Care Unit, Kauvery Hospital, Chennai), Dr. Sunil Shroff (Managing Trustee, MOHAN Foundation), Mrs. Arati Gokhale (Central Coordinator, ZTCC Pune) and Dr. Sheetal Mahajani Medical (Gastroenterologist, Ruby Hall Clinic, Pune)*

## **October 2016 - Annual Transplant Coordinators' Conference, Chandigarh**

The 9<sup>th</sup> Annual Transplant Coordinators' Conference was organised by MOHAN Foundation and the National Association of Transplant Coordinators (NATCO) under the aegis of the Indian Society of Organ Transplantation (ISOT) and National Organ & Tissue Transplant Organisation (NOTTO) on 8<sup>th</sup> & 9<sup>th</sup> October, 2016 in Chandigarh. It was supported by the Tata Education and Development Trust.

Dr. Dale Gardiner, National Deputy Clinical Lead for Organ Donation, NHSBT, UK gave the Swamy Narayan Memorial Lecture on “Achieving moral balance in organ donation – Clinical decisions” at the conference. His lecture addressed many pertinent points related to the ethics of organ donation.

*Dr. Dale Gardiner, National Deputy Clinical Lead for Organ Donation, NHSBT, UK (centre) felicitated at the conference.* ➡



## **October 2016 - National Deceased Donation Clinical Simulation Workshop, New Delhi**

The deceased donation simulation course was conducted under the aegis of NOTTO in collaboration with NHS Blood and Transplant (NHSBT), UK on 10<sup>th</sup> October 2016 at the Safdarjung Hospital, New Delhi.

This workshop was conducted in partnership with MOHAN Foundation, Vardhaman Mahavir Medical College & Safdarjung Hospital and Indian Society of Critical Care Medicine (ISCCM), Delhi, Intensivists, anaesthetists, critical care nurses, medical social workers and ICU technicians attended the course. In all there were 117 participants from 25 hospitals.



***Dr. Dale Gardiner speaking on Diagnosis and Confirmation of Brain Death***



***Panel Discussion at the conference***

## **November 2016 - Tissue Banking Workshop, Jaipur**

MOHAN Foundation and Navjeevan-MFJCF team hosted an International Tissue Banking Workshop in Jaipur on Monday, 28<sup>th</sup> November 2016.

Dr. Akila Chandrasekar, Consultant in Transfusion Medicine in NHSBT, Fellow of Royal College of Pathologists, past Chair of the British Association for Tissue Banking Clinical Special Interest Group from 2006-2009 and member Specialist Advisory Committee for Care and Selection of Donors in 2010 was invited as a faculty at the workshop. The following topics were addressed by her during the workshop - Requirements to Establish Tissue bank, Tissue processing & Maintaining Standards.



***Dr. Akila Chandrasekar, Consultant in Transfusion Medicine in NHSBT***



***Panel Discussion at the Workshop***



**November 2016 - Dr. Akila Chandrasekar, Consultant in Transfusion Medicine in NHSBT visits MOHAN Foundation and Government Kilpauk Medical College, Chennai**

Dr. Akila Chandrasekar, Consultant in Transfusion Medicine in NHSBT visited MOHAN Foundation, Chennai on 30<sup>th</sup> November 2017. During this meeting, Dr. Akila Chandrasekar and Dr. Sunil Shroff discussed developing an online course on tissue banking such as 'Tissue Banking and Transplantation' and 'Transfusion and Tissue Banking' in affiliation with University of Liverpool, UK.

**December 2016 - Dr. Akila Chandrasekar, Consultant in Transfusion Medicine in NHSBT visits Ganga Hospital, Coimbatore**

**March 2017 - National Organ Retrieval Course, Bengaluru**

The 3<sup>rd</sup> Multi organ retrieval workshop was conducted at the MS Ramaiah Advanced Learning Centre, Bengaluru on 24<sup>th</sup> and 25<sup>th</sup> March 2017. The structured course on teaching the process of organ retrieval to surgeons was organised by the Integrated Liver Care Foundation, in partnership with the Indian Society of Organ Transplantation (ISOT) and the MOHAN Foundation with experts from Oxford and Birmingham Universities. A total of 36 surgeons attended the workshop.



*Cardiothoracic surgeon from Government Rajaji Hospital, Madurai who attended the Organ Retrieval Course (March 2017) performed the **first successful heart transplant at the Government Rajaji Hospital** in December 2017.*



***Dr. Sonal Asthana (second from right) with the award***

## **October 2017 - Annual Transplant Coordinators' Conference at Brilliant Convention Centre, Indore**

National Association of Transplant Coordinators and MOHAN Foundation, under the aegis of Indian Society of Organ Transplantation (ISOT) held its 10th Annual Transplant Coordinators' Conference at Brilliant Convention Centre, Indore held between 13th and 14th October, 2017.

Ms. Angela Ditchfield (Diversity Lead Nurse-ODT, Specialist Nurse Organ Donation, Organ Donation and Transplantation) from NHS Blood and Transplant was the guest speaker who spoke on "Challenges in getting donation from BAME community in the United Kingdom".



***Ms. Angela Ditchfield, from NHS Blood and Transplant at the conference***

## **December 2017 - Initiating deceased donation programme in North East India**

MOHAN Foundation was invited by Jawaharlal Nehru Institute of Medical Sciences (JNIMS), Imphal for a continuing medical education program on "Deceased Organ Donation" on 22<sup>nd</sup> December 2017. Dr. Rajendra Singh, Director of JNIMS along with IMA President inaugurated the program.



***Mrs. Lalitha Raghuram, Country Director, MOHAN Foundation being felicitated***



***Dr. Sunil Shroff, Managing Trustee, MOHAN Foundation during the press meet***

A series of lectures on medical and legal aspects were held. Dr. Nithya Krishnan, Professor, Transplantation Consultant, Coventry Hospital, UK spoke on the importance of tissue typing labs and how WHO and TTS can help in setting up labs in northeastern part of India. Later, Mrs. Lalitha Raghuram, Country Director of MOHAN Foundation showed a film on grief counseling – good and bad approach. She also narrated a donor story and presented on grief counseling.

There was a panel discussion on “How to get deceased organ donation program started in Imphal”, moderated by Dr. Sunil Shroff. Dr. Rajendra Singh, Dr. Rajeev T.P., Dr. Sholay Meitie, Nodal officer of SOTTO, Manipur, Dr. Guliver Potsongbam, Nephrologist from Shija Hospital, Imphal participated in the panel discussion. The audience consisted of nephrologists, intensivists, neurologists, neurosurgeons, administrators, hospital management and nurses.



*Panel discussion on “How to get deceased organ donation program started in Imphal”, moderated by Dr. Sunil Shroff, Managing Trustee, MOHAN Foundation*

## **December 2017 - Life Before Ashes**

Every year, over 5,00,000 Indians die because of lack of organ donors.

Many cringe at the thought of donating their organs even though they know that if the organs are not donated, they will either be buried or burnt. The reasons for this are rooted in religious beliefs and misinformation.

MOHAN Foundation’s “Life Before Ashes” is a poignant, yet hard hitting campaign that aimed to spread a simple message – What has now become ashes, could have been another person’s heart or kidney, if only the organs were donated. The Foundation created art installations in the shape of human organs, made from real human ashes and mud from the graves, to highlight the fact that people are willing to burn or bury their organs but they aren’t willing to let their organs give a new life to someone else.

These travelling exhibits were put up on display at various places such as Infinity Mall Malad, Apollo Hospitals Navi Mumbai, Jupiter Hospital Thane, Fortis Hospital Mulund, Bombay Hospital, etc. in Mumbai. The exhibits were also displayed at many public places in the other Indian cities such as Delhi NCR, Jaipur, Chennai, Nagpur, Hyderabad, Kochi, etc.

Dr Satya Sharma, Chair, Promoting Organ Donation (POD), UK and Dr Majid Mukadam, The Queen Elizabeth Hospital, Birmingham, England visited the campaign exhibits while they were on display at Apollo Hospitals. MOHAN Foundation has won many awards for this campaign.





***Dr S V Sharma MBE,DL, Deputy Lieutenant, West Midlands, Patron, Interfaith Wolverhampton, Patron, Midland Confederation of Indians, President, Black Country division, BMA. Chair, Promoting Organ Donation (POD), UK***

## KARMA

This exhibit has been created from the ashes of organs that had the power to touch, heal and save lives, and yet, burned away to nothing.  
Imagine, what if they'd been donated instead?



To donate, log on to [mohanfoundation.org](http://mohanfoundation.org)



## **April 2018 - Mumbai to London for a Good Cause**

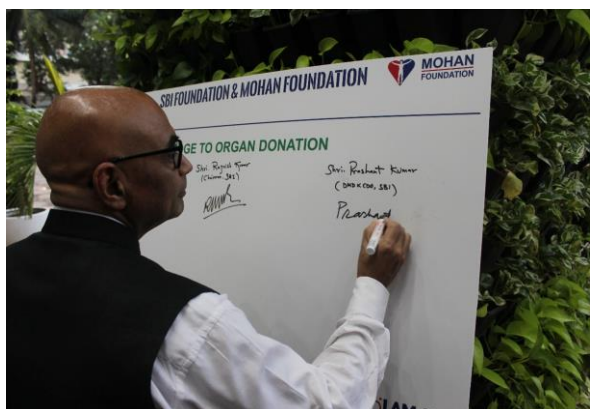
This couple's road trip from Mumbai to London, across 14 countries, covering 22000 Kms in 60 days has a very special meaning. Their daughter was detected with end-stage kidney failure a few years back and in 2017, her life was saved after she received a kidney transplant. She lives in U.K.

After his retirement, Mr. Bhal Shekhar Chilana, who continues to work as a financial consultant in Navi Mumbai, is now on a mission to spread awareness and sensitize people and plans to take it to every nook and corner of the world by way of this 'Road trip for Organ Donation'. He is a Life Member with MOHAN (Multi Organ Harvesting Aid Network) Foundation.

MOHAN Foundation's project 'Gift Hope, Gift Life', supported by SBI Foundation aims at bridging the wide gap in the number of patients needing organ transplant and availability of organs. SBI Foundation, in partnership with MOHAN Foundation, has taken it up as a national concern and has taken up the challenge to fill this gap.

MOHAN Foundation organised the Flag-Off ceremony, on 23rd April 2018 at 6 pm, at the State Bank of India Building (Nariman Point), inviting the nation's largest bank, State Bank of India's senior management to do the honours. Shri Rajnish Kumar, SBI's Chairman, who strongly believes in inspiring by example, said "Everyone must support this cause. I have registered myself as an organ donor. Many of my colleagues have also taken the Pledge. On this occasion, I urge all my employees to spread awareness about the cause of Organ Donation".

Mrs. Jaya Jairam, MOHAN Foundation Mumbai added, "We are so proud of this initiative by Mr. Chilana. We are coordinating with Organ Donation and Transplant teams from the other countries through which Mr. Chilana will be driving through, so that they can welcome his team and share the inspirational story in their country".





Mr. & Mrs. Chilana Felicitated at the Consulate General of India, Birmingham





**Interviewed on Gulshan Radio Channel**



**Interviewed on Raaj Radio Channel**



Date : 03 August 2018

Dear Mr. Chilana,

As you would be aware, the Consulate General of India, Birmingham is organizing a unique event "Mumbai to London for a Good Cause" on Tuesday, August 7, 2018 at the Consulate premises [20 Augusta Street, Jewellery Quarter, Hockley, Birmingham B18 6JL] from 1800-1930 hrs.

2. We shall be very grateful if you could kindly join us for the above event as an esteemed speaker and share with us your experience on the occasion.

Best regards,

Yours sincerely

*S.M. Chakraborty*  
[S.M. Chakraborty]  
Consul & Head of Chancery

Mrs & Mr. B.S.Chilana,  
Campaigner  
"Organ Donation"  
Mumbai  
Camp : Birmingham





## **May 2018 - National Organ Retrieval Course, Bengaluru**

The 4<sup>th</sup> National Organ Retrieval Workshop was held at M.S. Ramaiah Advanced Learning Centre, Bengaluru on 4<sup>th</sup> May, 2018. Like previous years, the course was organised by the Integrated Liver Care Foundation, in partnership with the Indian Society of Organ Transplantation (ISOT), National Organ and Tissue Transplant Organisation (NOTTO) and the MOHAN Foundation with experts from Oxford and Birmingham Universities. A total of 35 surgeons attended the workshop.





## October 2018 - University of Bedfordshire joined forces with MOHAN Foundation in an effort to improve organ donation rates in India



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University research to improve organ donation rates in India

New game offers an alternative reality version of Luton

Bedfordshire students celebrate graduation

### University research to improve organ donation rates in India



Academics from the University of Bedfordshire have joined forces with the largest organ donation NGO in India in an effort to improve organ donation rates in the country.

The University, through the Global Challenges Research Fund (GCRF) and in partnership with the Mohan Foundation, is aiming to develop research capacity and capability in India to better understand the facilitators and barriers to organ donation in the country and to improve organ donation rates.

As part of the project, Bedfordshire has invited PhD student Britzer Paul from India to undertake some of the research.

Professor Gurch Randhawa, Director of the University's **Institute for Public Health Research** and an expert in organ donation said: "As part of our efforts to ensure that our world leading research on public engagement and organ donation has benefits for other countries, the University has invested its Global Challenges Research Fund in a PhD studentship with India."

Britzer Paul who joined the University at the end of October explained: "I want to find the gap between knowledge and practice and to see if there is any type of intervention I can bring about to improve organ donation in India."

## **January 2019 - Awareness Programme at Rotary Community Centre, Kharghar, Mumbai**

On 30<sup>th</sup> January 2019, an awareness programme was conducted for the members of the Rotary Club, Kharghar and Punjab Culture and Welfare Association (Kharghar). Mr. Kirit Mistry, Community Link - Organ Donation (BAME Communities, Diverse and Faith Communities) for Derby Hospital and University Hospitals of Leicester NHS Trust, Derby, UK was the invited guest at the event.



Mr. Kirit Mistry shared the work done in the UK and how the awareness has been spread among the BAME communities (Black Asian and Minority Ethnic). The families of two deceased organ donors were felicitated during the event.

## **February 2019 - National Organ Retrieval Course, Bengaluru**

The 5<sup>th</sup> National Organ Retrieval Workshop (Oxford course) was held on 2<sup>nd</sup> & 3<sup>rd</sup> February 2019 at the M.S. Ramaiah Advanced Learning Centre, Bengaluru. This course was carefully designed in collaboration with international and national leaders in organ transplantation to train aspiring transplant surgeons in the techniques required for safe organ retrieval.

The Course Directors were Dr. Isabel Quiroga, Clinical Lead for Organ Retrieval, Oxford University Hospitals NHS Trust, UK, Dr. Anand Subrahmanyam, Senior Consultant Cardiac Surgeon, Apollo Hospitals, Seshadripuram, Bengaluru, Dr. Sonal Asthana, Consultant, HPB and Transplant Surgeon, Aster CMI Hospital, Bengaluru, and Dr. Catherine Dushyanthy Sudarshan, Consultant Cardiothoracic Surgeon, Department of Cardiothoracic Surgery, Papworth Hospital, Cambridge, UK.



The workshop was attended by 49 surgeons across the country. There was an entirely separate module for renal surgeons. Renal surgeons had the opportunity to perform renal implantation in a cadaver. There was a new session on recovery for pancreas for transplantation.

The liver/abdominal surgeons also participated in the SPLIT course, where liver resections were performed on the explanted livers. Cardiac surgeons had the opportunity to perform both explants and implants. In addition, there were modules on DCD - rapid organ retrieval and LVAD.

The workshop was supported by The Integrated Liver Care Foundation, MOHAN Foundation, Indian Society of Organ Transplantation, Liver Transplantation Society of India, SBI Foundation, SBI DFHI Limited and Tata Trusts.

### **May 2019 - Fifth International Transplant Conference organised at University of Warwick, Coventry, UK**

University Hospitals Coventry & Warwickshire NHS Trust (UHCW), U.K in collaboration with National Health Service Blood and Transplant (NHSBT), Birmingham and University of Warwick, U.K organised the Fifth International Transplant Conference, at Scarman House, University of Warwick on 9<sup>th</sup> & 10<sup>th</sup> May 2019 with great success.

The principle aim was to bring people together who share a desire to understand and overcome the clinical, scientific and social barriers surrounding kidney transplantation in order to do more and better transplants. The invited speakers for this meeting were internationally renowned contributors from U.K, France, India, U.S.A and Canada.

The first day was on potential role of antibodies against other antigen systems, many of which are unknown; recurrent diseases; big data sets, complex analysis and data modelling.

The second day was devoted to examining cultural barriers to organ, blood & stem cell donation and how to overcome certain barriers to bring about sustainable and ethical transplantation for patients in Black Asian Minority Ethnic Communities (BAME) communities globally.



***L - R - Satya Sharma, MBE, DL, Ambassador - Organ donation, NHSBT, U.K; Sunil Shroff, MOHAN Foundation, India; Paul Sabapathy Former Lord Lieutenant OBE, CVO, U.K; Nithya Krishnan, UHCW, U.K; Lord Lieutenant John Crabtree OBE, Chairman of Commonwealth Games 2022, U.K; Marcelo Cantarovich, President Elect, TTS, Canada.***

This was a historic meeting as a proposal to form a Consortium of Commonwealth Countries in Transplantation (CCCT) with the purpose of increasing donation amongst the BAME communities was launched. The day included various speakers from a multitude of backgrounds from different countries; but all had similar messages.



The aim of CCCT was to

1. Help promote transplantation and share best practices in transplantation between the countries in the consortium.
2. Promote ethical organ donation and transplantation in developing countries as stated by the WHO principles of organ donation.
3. Improve organ donation and transplantation in BAME communities in developed countries
4. Exploring the potential and initiating organ transplantation in countries where it does not exist

U.K. is a world leader for Commonwealth countries with well-established links to all the nations of the Commonwealth. Birmingham, U.K has been chosen as the venue for the next Commonwealth Games in 2022. The forum proposed that the development of the CCCT is completed by 2022 and that 'Organ Donation and Transplantation' be the theme for the Commonwealth Games with the motto 'Tribute to Life'.

### May 2019 - Organ donation for Hindu Communities in Belgrave, Leicester, UK

An awareness program for the Hindu communities in Belgrave, Leicester was conducted on 11<sup>th</sup> May 2019. Dr. Sunil Shroff, Managing Trustee, MOHAN Foundation was the invited guest to the programme to talk on 'Organ donation - International perspective'. The following sessions were addressed during the programme - A Hindu perspective on organ donation, Organ donation and kidney disease in South Asian Communities, Live donor transplant and media engagement. As part of the programme, an organ donor and a transplant recipient were invited to share their experience among the audience.



## **November 2019 -Awareness events in India by Dr. Satya Vrat Sharma MBE, DL Ambassador - Organ donation, NHSBT, UK**

During his visit to India in 2019, Dr. Satya Vrat Sharma, Ambassador - Organ donation, NHSBT, UK involved himself extensively in a series of awareness programmes conducted in the following Indian states and Union Territory (UT) - Maharashtra, Rajasthan, Haryana and Dadra and Nagar Haveli.

### **Silvassa, Dadra and Nagar Haveli**

- 07-11-2019 Silvassa Nirankari Mandal - 100 followers of Sant Nirankaris Mission
- 07-11-2019 Shiv Prakash Memorial School - 200 school students
- 07-11-2019 Brahmkumaris Bhavan, Silvassa - 50 followers of Brahmkumaris



*Dr. Satya Sharma addressing the audience at the Silvassa Nirankari Mandal*



*Awareness programme at Brahmkumaris Bhavan, Silvassa*

### **Mumbai, Maharashtra**

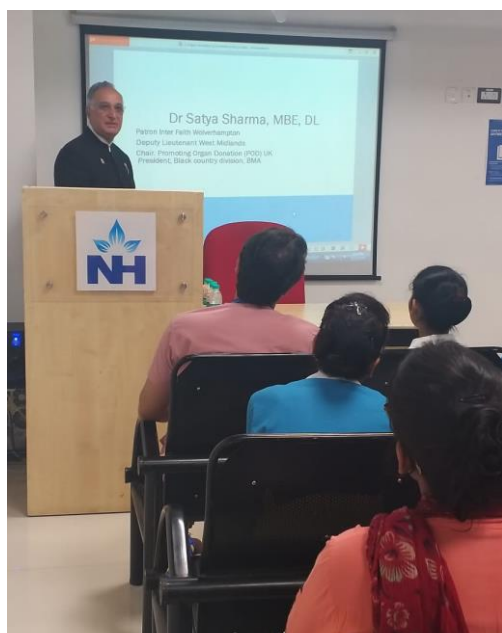
On 9<sup>th</sup> November 2019, Rotary Club of Kharghar Midtown (District 3131), Rotary at Navi Mumbai (District 3142), in association with Punjabi Cultural & Welfare Association, Kharghar organised a workshop on Organ Donation Awareness. Dr Satya Sharma, spoke articulately while quoting real life instances of how people can be motivated to support the wonderful cause that had the potential to save many lives. Mrs Jaya Jairam, Program manager, MOHAN Foundation spoke about how she is testimonial to the miracle of organ donation and transplantation, by sharing her experience of getting a second chance when her mother decided to donate one of her kidneys to save her.





## Jaipur, Rajasthan

- 11-11-2019 Interaction with MOHAN Foundation Jaipur Citizen Forum (MFJCF)
- 12-11-2019 Narayana Multispeciality Hospital - 60 medical & paramedical personnel
- 12-11-2019 Eternal Hospital - 100 medical & paramedical personnel
- 13-11-2019 Rajasthan Police Academy - 200 police personnel
- 13-11-2019 Loharwada Gram Panchyat - 40 members
- 13-11-2019 Jaipuria Hospital - 60 medical & paramedical personnel



**Narayana Multispeciality Hospital, Jaipur**



**Eternal Hospital, Jaipur**



**Jaipuria Hospital, Jaipur**



**Rajasthan Police Academy**



**Loharwada Gram Panchyat, Jaipur**





## Donor Optimisation App

Effective maintenance and optimisation of a potential brain dead donor remains a universal challenge.

To enable doctors and nurses to have instant access to the latest evidence based guidelines for the management of potential organ donors, a mobile app called “Donor Optimisation App” was launched during the MoU signing ceremony in February 2015 at the House of Lords, UK. The app will act as a quick reference guide for medical and paramedical personnel.

The app was developed by Dr. Sridhar Nagaiyan, Former NHSBT Regional Lead for Organ Donation, Midlands, UK and presently Senior ICU consultant in Kauvery Hospital, Chennai, India in partnership with MOHAN Foundation and is available for Android phones and Apple iPhones.

The App was shared among the health care professionals in the UK and India through

- ✓ CLOD and SNOD communities at the Level Meetings (hospitals with similar Organ Donation potential share best practice)
- ✓ ICU trainees Organ Donation SIM course
- ✓ CLOD induction courses
- ✓ Transplant Coordinators' Training Programme
- ✓ Workshops / Seminars organised for medical and paramedical staff of intensive care / critical care medicine

The app is available for downloading from the MOHAN Foundation website - [www.mohanfoundation.org](http://www.mohanfoundation.org)





## MEMORANDUM OF UNDERSTANDING

### 26 FEBRUARY 2015

#### Obligations of Parties

The primary objective of the MoU is to promote collaboration and share learning between the two Parties that will result in optimal rates of organ donation in India and the United Kingdom.

- 1) The two Parties will share knowledge and expertise on the structure, processes and pathways to promote organ donation, donor identification, donor characterisation, family engagement, requesting consent, organ retrieval and organ allocation
- 2) The two Parties will share their documentation that support these processes and allow the other Party to use these documents to support their own processes.
- 3) The Parties will collaborate to share knowledge, training material and practices to improve donation and transplantation.
- 4) The Parties will share knowledge and experience on the promotion of organ donation with special emphasis on minority and hard-to-reach groups.
- 5) The Parties will share knowledge and expertise for developing tissue bank service to coordinate, retrieve, process, bank and supply human tissue grafts.
- 6) All joint projects and activities shall be subject to the availability of relevant funds and resources from the respective Party.
- 7) All outputs, reports or publications arising from joint working will be agreed by both Parties.
- 8) Both Parties shall be free to use scientific and technical information created or transferred in the course of the collaborative activities and projects for their own internal teaching and research purposes only. Use of such information with a third party shall require the consent of the relevant Party on terms to be agreed.

Signed:



Ian Trenholm  
For and on behalf of NHSBT, UK

Signed:



Dr. Sunil Shroff  
For and on behalf of MOHAN Foundation

Witnesses

1. Prof. James Neuberger

2. Satya Sharma MBE DL

3. Sridhar Nagaiyan





*Donate Organs... Save Lives...*



Blood and Transplant



**MOHAN**  
FOUNDATION