

Activity Report

(Under the auspices of the Memorandum of Understanding signed between NHSBT, UK & MOHAN Foundation, India)



January 2015 - July 2018

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Under the auspices of the Memorandum of Understanding

signed between

NHS

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 30th January 2015 during the culmination of the Advanced Transplant Coordinators' Workshop – 2nd 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).



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, 30th 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
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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 26th 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 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 30th September & 1st October 2015 at MS Ramaiah Advanced Learning Centre, Bengaluru. A total of 40 surgeons from various parts of the country attended the workshop.

OXFORD ORGAN RETRIEVAL WORKSHOP

Pre-conference workshop for the Indian Society of Organ Transplantation

Limited Seats. 30 Participants Only.

Organized by the ILC FOUNDATION and NHS BT - MOHAN India Initiative

In association with ETHICON

Date: 30th September & 1st October, 2015
Venue: M. S. Ramaiah Advanced Learning Center, Bangalore

International Faculty

 Dr. Rutger Ploeg Professor of Transplant Biology, Consultant Transplant Surgeon Director of clinical and Translational Research, Oxford Transplant Centre Nuffield Department of Surgical Sciences, University of Oxford Churchill Hospital, Oxford, United Kingdom	 Dr. Isabel Quiroga DPhil, FRCS Clinical Lead for Organ Retrieval Consultant Transplant and Endocrine Surgeon Oxford Transplant Centre Oxford University Hospitals NHS Trust, Churchill Hospital, Oxford, United Kingdom	 Dr. Darius Mirza Consultant Hepatobiliary and Transplant Surgeon, University of Birmingham Secretary of the European Liver Transplantation Association (ELTA) British Association of Study of the Liver (BASL) UKT Liver Advisory Group National steering group for colorectal liver metastases Lead surgical author for the "National Plan for Liver Services" document UK
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Indian Faculty

 Dr. Sonal Asthana	 Dr. A. G. K. Gokhale	 Dr. Sridhar Nagaiyan
 Dr. Rajiv Lochan	 Dr. Anand H.S.	 Dr. Harsh Jauhari

October 2015 – 26th Annual Conference of Indian Society of Organ Transplantation, Chennai

The 26th Annual Conference of Indian Society of Organ Transplantation (ISOT) was held from 1st October – 4th 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. Rutger Ploeg, Director of Clinical and Translational Research, Oxford Transplant Centre at the 26th Annual Conference of Indian Society of Organ Transplantation (ISOT) was held from 1st October – 4th October 2015 at the Leela Palace, Chennai



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



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 (Extreme Left), President, Organizing Committee, 26th Annual Conference of Indian Society of Organ Transplantation (ISOT) & Dr. Narayan Prasad (Middle), 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 3rd and 4th 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 at the Annual Transplant Coordinators' Conference



Dr. Isabel Quiroga, Clinical Lead for Organ Retrieval, Oxford University, UK at the 26th Annual Conference of Indian Society of Organ Transplantation (ISOT) speaking on “Graft Perfusion and bench dissection”

January 2016 - Annual Transplant Coordinators’ Workshop - 3rd consultative meeting to improve organ and tissue donation, Chennai



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

The Advanced Transplant Coordinators' Workshop – 3rd Consultative meeting was held at the Radha Regent, Chennai on 29th & 30th 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 24th & 25th 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 29th 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 2nd Multi organ retrieval workshop was conducted at the MS Ramaiah Advanced Learning Centre, Bengaluru on 24th and 25th 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 20th & 21st September 2016 in the Ramphal Building on the Conference Park 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 (he was formerly NHS Blood and Transplant Regional Director for Organ Donation, Midlands, 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 9th 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 8th & 9th October, 2016 at Hotel Hyatt, 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 10th 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, 28th 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 addressing the gathering



Delegates at the Tissue Banking Workshop



Tissue Banking Workshop – Panel Discussion

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 30th 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 3rd Multi organ retrieval workshop was conducted at the MS Ramaiah Advanced Learning Centre, Bengaluru on 24th and 25th 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 successful heart transplant at the Government Rajaji Hospital in December 2017.

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

May 2018 - National Organ Retrieval Course, Bengaluru

The 4th National Organ Retrieval Workshop was held at M.S. Ramaiah Advanced Learning Centre, Bengaluru on 4th 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.



Donor Optimisation App

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

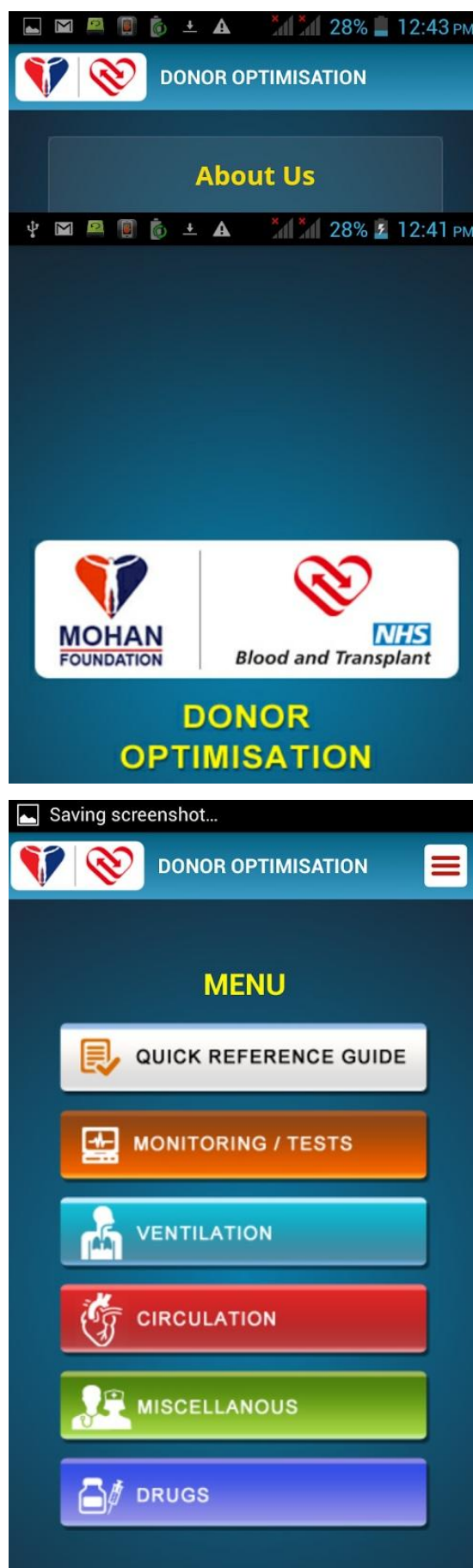
To enable doctors and nurses to have instant access to the latest evidence based guidelines for the management of potential organ donors, a mobile app called “Donor Optimisation App” was launched during the MoU signing ceremony in February 2015 at the House of Lords, UK. The app will act as a quick reference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

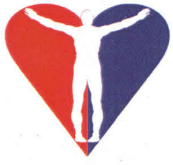
The app was developed by Dr. Sridhar Nagaiyan, Former NHSBT Regional Lead for Organ Donation, Midlands, UK and presently Senior ICU consultant in Kauvery Hospital, Chennai, India in partnership with MOHAN Foundation and is available for Android phones and Apple iPhones.

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





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Memorandum of Understanding

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) is made on the 30th day of January 2015 between NHS Blood and Transplant (NHSBT), Oak House, Reeds Crescent, Watford, Hertfordshire WD24 4QN, UK and the MOHAN Foundation (MF), Toshniwal Building – 3rd Floor, 267 Kilpauk Garden Road, Chennai – 600010, India (Parties).

1. Background

The MOHAN Foundation is a not-for-profit organisation set up in India to promote appropriate organ donation from deceased donors and is now working with other countries.

NHS Blood and Transplant (NHSBT) is an arms-length body in the UK National Health Service with a statutory requirement to promote the effective transplantation of organs.

Organ transplantation is associated with not only saving lives but also improving the quality of life but access to transplantation is limited by availability of suitable organs from deceased donors. The lack of an adequate supply of organs for transplantation has led to unethical and/or illegal practices such as transplant tourism and organ trafficking.

Both organisations have considerable experience in promoting organ donation in an ethical and legal manner, developing clinical guidance and training to ensure donor and donor family wishes to donate are respected, organs retrieved and used effectively and appropriately.

2. 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.

- 2.1 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.
- 2.2 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.
- 2.3 The Parties will collaborate to share knowledge, training material and practices to improve donation and transplantation.
- 2.4 The Parties will share knowledge and experience on the promotion of organ donation with special emphasis on minority and hard-to-reach groups.
- 2.5 The Parties will share knowledge and expertise for developing tissue bank service to coordinate, retrieve, process, bank and supply human tissue grafts.
- 2.6 All joint projects and activities shall be subject to the availability of relevant funds and resources from the respective Party.

- 2.7 All outputs, reports or publications arising from joint working will be agreed by both Parties.
- 2.8 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.

3. Term

This MoU shall be valid for a period of five years from the date of signing of this MoU, unless it is terminated earlier by either Party following three months notice in writing.

4. Authority

The persons with responsibility for oversight and management of this MoU are the Associate Medical Director for Organ Donation and Transplantation, NHSBT, the Chair of the MoU Steering/Implementation Group, and the Managing Trustee, MOHAN Foundation or their respective nominees as duly authorised by them.

5. Intellectual Property Rights

Each Party shall respectively own all intellectual property (IP) including the IP generated by its staff. The Parties grant to each other a royalty-free perpetual irrevocable licence to use such IP for their own internal teaching and research purposes only. If one Party wishes to use such IP for any other purpose the prior written consent of the other Party shall be required on terms to be agreed. In the event that both Parties are responsible for jointly generating IP, such IP shall be jointly shared by both Parties.

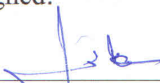
6. Confidentiality

All documents and information provided by one Party to the other Party under, or in connection with its negotiation or any subsequent contractual undertakings shall be treated as confidential (Confidential Information). Confidential Information shall not be used except for the purposes for which it was made available and it shall not be disclosed to any other person without the prior written consent of the disclosing Party.

7. Dispute Resolution

The Parties shall try to resolve any dispute or differences arising out of or in connection with this MoU by amicable resolution between the Parties.

Signed:




Prof. James Neuberger
For and on behalf of NHSBT, UK

Date: 30.11.2015

Witness


1. 

Signed:



Dr. Sunil Shroff
For and on behalf of MOHAN Foundation

Date: 30/11/2015

2.  D. S.V. SHARMA

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.

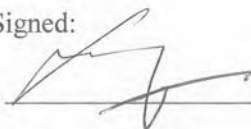
- 1) The two Parties will share knowledge and expertise on the structure, processes and pathways to promote organ donation, donor identification, donor characterisation, family engagement, requesting consent, organ retrieval and organ allocation
- 2) The two Parties will share their documentation that 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.
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- 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





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