

International Living Donor Liver Transplant UK Symposium



8th November 2024 | Fetal Medicine Research Institute, King's College Hospital, 16-20 Windsor Walk, Rotherhithe, SE5 8BB

The BTS, co-badged with the International Living Donor Liver Transplant Group (iLDLTG), will hold a one-day meeting bringing together experts in living donor liver transplantation from around the world to share their experiences of donor selection, donor and recipient surgical techniques (including minimally invasive approaches), long-term follow-up, ethical considerations around donation, and share the UK experience thus far. We will also hear from the experts in the West on the challenges and also discuss in a panel forum on how to overcome these in terms of setting up and delivering a successful service.

Local Chair: K. V. Menon – *BTS President*

Organising Committee:

BTS Executive, co-badged with iLDLTG

S. Farid, D. Thorburn; Liver Transplant Councillors, BTS.

Programme

Time	Detail
08:30	Registration and Refreshments
Landscape of LDLT in the West <i>Session Chairs: P. Lodge, K. Olthoff, M. Heneghan</i>	
09:00	Welcome Address <i>R. Baker, Vice President - BTS, UK</i>
09:05	Opening remarks <i>K. Olthoff, President - iLDLT Group, USA</i>

This meeting has been supported by pharmaceutical companies by way of exhibition stand space and sponsorship which is limited to funding the education content of this meeting.

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09:15	Overview of LDLT in the UK <i>D. Manas, Director – NHSBT, UK</i>
09:30	Challenges in setting up a successful LDLT centre in the Western World <i>M. Cattral, Canada</i>
09:45	LDLT donor & recipient selection in the Western population <i>A. Humar, USA</i>
10:00	LDLT for Maglinancies <i>G. Sapisochin, Canada</i>
10:15	Case Presentation: King's College Hospital (Presenter TBC) <i>Discussant: S. Iype, UK</i>
10:30	Refreshment Break During this refreshment break delegates who have pre-booked will have the opportunity to attend the following session: <u>Meet the International Experts</u> <i>K. Olthoff, USA</i> <i>S. Gupta, India</i>
11:00 – 12:30: LDLT: Surgical aspects of the donor operation <i>Session Chairs: S. White, R. Mateos, D. Vijayanand</i>	
11:00	Adhering to safety protocols in the LDLT: the donor operation <i>M. Cattral, Canada</i>
11:15	Laparoscopic adult-to-adult donor hepatectomy <i>K.H. Kim, South Korea</i>
11:30	Robotic approach in adult-to-adult donor hepatectomy <i>M. Malago, Saudi Arabia</i>

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11:45	Challenges on adopting Minimally Invasive Donor Hepatectomy in the West <i>A. Humar, USA</i>
12:00	Case Presentation – Leeds <i>Presenter: V. Upasani, UK</i> <i>Discussant: D. Sharma, UK</i>
12:30 – 13:30	Lunch Break
13:00 – 13:30	During the lunch break delegates who have pre-booked will have the opportunity to attend the following session: <u>Meet the International Experts</u> <i>M. Cattral, Canada</i> <i>A. Soin, India</i>
LDLT: Surgical aspects of the recipient operation <i>Session Chairs: P. Srinivasan, C. Imber, P. Gibbs</i>	
13:30	Challenges with vascular reconstruction in LDLT <i>S. Gupta, India</i>
13:45	Optimising flows in the adult-to-adult LDLT <i>A. Soin, India</i>
14:00	Pushing the boundaries in pediatric LDLT <i>S. Reddy, India</i>
14:15	Pushing the boundaries in minimally invasive recipient (DDLT) <i>F. Di Benedetto, Italy</i>
14:30	Pushing the boundaries in minimally invasive recipient (LDLT) <i>M. Malago, Saudi Arabia</i>

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14:45	Role of RAPID in LDLT <i>D. Balci, Turkey</i>
15:00	Managing the bile duct in the LDLT recipient: a few mantras to reduce biliary complications <i>P. Bhangui, India</i>
15:15	The use of biodegradable stent in LDLT <i>R. Mohanka, India</i>
15:30	Refreshment Break During this refreshment break delegates who have pre-booked will have the opportunity to attend the following session: <u>Meet the International Experts</u> <i>P. Bhangui, India</i> <i>D. Balci, Turkey</i>
Ethical considerations and strategies in LDLT <i>Session Chairs: J. Dillon, I. Currie, A. Hakeem</i>	
16:00	The role of altruistic donation in adult and paediatric LDLT <i>P. Lodge, UK</i>
16:15	Long-term follow-up of donors in LDLT <i>K. Olthoff, USA</i>
16:30	Ethical considerations of LDLT <i>C. Miller, USA</i>
16:45	Immunosuppression strategies in LDLT <i>V. Aluvihare, UK</i>

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17:00	Panel Discussion Lead Discussant: <i>K. V. Menon & L. Burnapp, UK</i> Panellists: <i>K. Olthoff, J. Pollock, S. Gupta, C. Callaghan, D. Thorburn & K. Saville</i>
17:30	Closing remarks <i>K. V. Menon, President, BTS</i> <i>K. Olthoff, President, iLDT Group</i>

Speakers

V. Aluvihare

Adult Transplant Lead at the Institute of Liver Studies, King's College Hospital, was Chair of the British Liver Transplant Group 2019-2022, representing all UK liver transplant centres. Current Chair of the UK Liver Advisory Group (LAG) overseeing national liver transplantation (Dec 2023-). Qualified at the Royal Free Hospital and completed training in Cambridge. Undertook MRC funded Training (PhD) and Clinician Scientist fellowships at the world-renowned MRC Laboratory of Molecular Biology and Wellcome Trust Immunology Unit, University of Cambridge, awarded a 5-year HEFCE Senior Lecturer Fellowship and an ROTRF grant in transplantation research at King's College Hospital. A member of LAG for more than 15 years, Hepatology representative on the National Multi-visceral Transplantation Review Group, a core member of the NHSBT Living Donor Steering Board, Transplant Hepatology representative on the British Transplant Society Council (2018-2024), a member of the Transplant Immunology SIG at ILTS and a past member of the Editorial Board for Liver Transplantation. He holds a National Clinical Impact award in recognition of his national impact.

R. Baker

Richard is a nephrologist in Leeds with a specialist interest in transplantation. He also contributes to the living liver donation and hand transplantation programmes. He has a long interest in all aspects of transplantation since his PhD studies in London. He has previously been treasurer and remains a staunch advocate of the BTS.

D. Balci

Deniz Balci had his Medical Degree and completed general surgery residency at Department of General Surgery and Organ Transplantation in Ankara University School of Medicine in Turkey. After his clinical fellowship at Florence Nightingale Hospital, Organ Transplantation Unit in İstanbul, he returned back to Ankara University School of Medicine as a junior faculty. He was a clinical research fellow at Department of Transplantation Mayo Clinic Florida, USA and at Recanati Miller Transplant Institute at Mount Sinai School of Medicine in New York followed by a clinical fellowship at Asan Medical Center, Liver Transplant and HPB Surgery Department at Seoul, South Korea.

P. Bhangui

Dr. Prashant Bhangui holds a MS (Surgery), Masters in HPB Surgery and Liver Transplantation (Henri Bismuth Hepatobiliary Institute, France), and European Inter University

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Diploma in HPB Oncology. He is currently the Director of Liver Transplantation and Hepatobiliary Surgery at Medanta-The Medicity Hospital in Delhi NCR, India; a Center with one of the largest experience in LDLT worldwide (close to 4500 LDLT's). For his academic and clinical excellence in management of patients with HCC (and research in the subject), and contribution to the field of Organ Transplantation in India, he was awarded the prestigious K.N. Udupa Memorial Oration 2016 by the Indian Society Of Organ Transplantation (ISOT).

L. Burnapp

Lisa Burnapp RN, MA has a background in nephrology and transplantation and an MA in Medical Law and Ethics. She was appointed as a Consultant Nurse in Living Donor Kidney Transplantation at Guy's & St. Thomas' NHS Foundation Trust in 2002, where she retained a clinical attachment with a special interest in non-directed altruistic donation until March 2022. She is the Associate Medical Director for living donation and transplantation at NHS Blood & Transplant and has led on the development and implementation of UK Strategies for living donor transplantation, including the UK Living Kidney Sharing Scheme and the recently launched adult-to-adult living donor liver transplantation initiative, since 2010. She has held several roles within the British Transplantation Society (BTS) Society, including President from 2021-2023 and within the European Society for Organ Transplantation (ESOT) where she remains a member of the Ethical, Legal and Psychological Aspects of Transplantation section.

C. Callaghan

Chris is a consultant transplant surgeon at Guy's Hospital, London, and is also a member of the transplant teams at Great Ormond Street Hospital and the Evelina London Children's Hospital. He has clinical and research interests in the use of higher risk deceased donor organs, and in the use of warm machine perfusion in organ transplantation. Chris is the general secretary of the British Transplantation Society.

M. Cattral

Professor of Surgery, University of Toronto, Canada

F. Di Benedetto

Born and raised in Catania, Fabrizio Di Benedetto had his surgical education in Milan, and started his academical career in Modena. In 2007 he joined the Master in Hepatic Pancreatic and Biliary Cancers ("Diplome d'Université") Onco-surgical Strategies at Hopital Paul Brousse, Villejuif – France. Currently he is full professor of surgery at University of Modena and Reggio Emilia, where he directs the hepato-pancreato-biliary surgery and liver transplantation unit, being in charge of the kidney transplant program, and he is also Program Director of the General Surgery Residency Program at University of Modena.

S. Gupta

Currently I am the Chairperson of the Centre for Liver and Biliary Sciences. We conduct over 400 transplants every year with a total of 4500 transplants. We have pioneered LDLT in India. Our Centre has trained many teams/surgeons

With over 150 papers in peer reviewed journals on transplant topics, our special interest is in improving outcomes of transplant in sick recipients with high MELD scores and Acute on Chronic Liver Failure. One of our important contributions in LDLT has been that once graft volume exceeds 650 g, the GRWR does not matter. We introduced the technique of medial reduction for transplant in small babies.

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I have been the past President of Liver Transplant Society of India and recipient of many National awards. Currently, I am the President Elect of Indian Association of Surgical Gastroenterology and Auditor of International Living Donor Study Group.

A. Humar

Dr. Abhinav Humar is the Clinical Director of the Thomas E. Starzl Transplantation Institute and the Chief, Division of Transplantation in the Department of Surgery at the University of Pittsburgh Medical Center.

K.H. Kim

Ki-Hun Kim is currently a Professor of division of Hepatobiliary surgery and Liver transplantation and Director of Asan Liver Center at Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea. He graduated from Korea University College of Medicine in 1992 where he earned PhD degree in 2003 and completed a surgical resident training in Korea University hospital in 1998.

P. Lodge

Prof Lodge trained in surgery in Yorkshire, and then at Harvard Medical School, returning to Leeds as Consultant Surgeon in 1992, and being awarded a Chair in Surgery in 2004. He has created a major hepatobiliary unit, providing a service for difficult liver tumours, developing innovative surgical strategies for patients with complex problems, and also multi-organ transplantation. He has been active in research, attracting more than £20m in grant income and venture capital funding, supporting many young surgeons for higher degrees, and has achieved more than 300 publications and 30 book chapters, including "Liver" in Gray's Anatomy. In 2007, Peter initiated a live donor liver transplant programme in Leeds, following training at the Lahey Clinic with Liz Pomfret, Jim Pomposelli and David Lewis, under the guidance of Roger Jenkins. The Leeds LDLT programme is now the largest in the NHS.

M. Malago

Consultant, King Faisal Specialist Hospital & Research Centre, Saudia Arabia

D. Manas

Professor Manas was educated and trained in Cape Town, South Africa and completed HPB and transplant fellowships at Johns Hopkins (USA) and Paul-Brousse (Paris). He was the recipient of the CJ Adams/Sandoz Traveling Fellowship to the UK in 1993 and joined the NHS at the Freeman Hospital in 1994. Professor Manas attained a personal chair in Transplantation and HPB at Newcastle University in 2007 and has been instrumental in developing three super-regionally funded transplant programs in the North East of England, as well as the regional HPB and Sarcoma services and the Intestinal Failure Service which is now nationally commissioned.

K. Menon

Krish Menon specialises in liver transplants and has a particular expertise in laparoscopic (keyhole) surgery for the liver, gall bladder and pancreas.

C. Miller

Enterprise Director of Transplantation, Cleveland Clinic, USA

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R. Mohanka

Ravi Mohanka is a liver transplant surgeon with experience in adult and pediatric DDLT and LDLT. He has keen interest in developing DCDD in India using NRP and machine perfusion, ischemia-free liver transplant and minimally invasive donor hepatectomy.

K. Olthoff

Kim M. Olthoff, MD. is the Donald Guthrie Professor of Surgery at the University of Pennsylvania, Chief of the Division of Transplant Surgery, and Vice Chair for Faculty Development, Department of Surgery. Dr. Olthoff also serves as the Director of the Gift of Life Donor Care Center at Penn Medicine. Professor Olthoff directed the liver transplant program at the University of Pennsylvania, and established and currently leads the living donor liver transplant programs at Penn and at the Children's Hospital of Philadelphia. She has performed clinical and translational research on liver regeneration and recovery in the setting of living donor transplantation, early allograft dysfunction and small for size syndrome, and disparities in organ allocation with over 200 publications. Professor Olthoff is a Past President for the American Society of Transplant Surgeons and currently serves as the President of the International Living Donor Liver Transplant Group.

J. Pollock

Consultant Surgeon, Royal Free Hospital, London

S. Reddy

Director and Consultant Surgeon, Gleneagles Global Hospital & Health City, India

G. Sapisochin, MD, PhD, MSc

Dr. Gonzalo Sapisochin is Staff Hepatobiliary and Transplant Surgeon at The Toronto General Hospital, University Health Network in Canada. Dr. Sapisochin received his Medical Diploma in 2005 from the Universidad Complutense de Madrid, Spain and went on to complete his General Surgery residency training in 2011 at the University Hospital of Vall d'Hebron in Barcelona where he successfully defended his Doctoral Thesis, "Optimization of Liver Transplantation for Hepatocellular Carcinoma", to receive his PhD from the Universidad Autonoma de Barcelona.

K. Saville

Kirsty qualified as a registered nurse from Northumbria University, Newcastle in 2000. After becoming 'hooked' on liver transplantation as a student nurse whilst working on the Liver Unit at the Freeman Hospital, Newcastle, she returned to the speciality having gained experience and knowledge working within senior nursing positions within critical care ICU/HDU/Outreach settings. Since then Kirsty has worked as a recipient liver transplant coordinator from 2018-2021 and then began her current role as a live liver donor coordinator in 2021. A role that she is enormously proud and privileged to hold. Living donation is a unique journey and she relishes the opportunity and challenges that it presents.

A. Soin

Liver Transplant Surgeon, Medanta, India

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D. Thorburn

Liver Physician at Royal Free Hospital with an interest in liver transplantation and autoimmune liver disease

V. Upsani

Surgeon, Leeds Teaching Hospitals, Leeds

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