


BTS Annual Congress 2020
“It’s good to talk: collaboration in transplantation”

Wednesday 4th March 2020


Time	Programme		
08:30-10:00	Chairs: Reena Ravikumar and Peter Friend BTS Dragons’ Den: Clinical trials and research for trainees in transplantation (<i>with pre-registration only– Meeting Room 1a</i>) http://www.BTSDragonsDen.co.uk		
09:15-10:15	Registration and refreshments		
	Hall 2		
10:15-10:30	Chairs: Steve Wigmore & Lisa Burnapp Welcome to Belfast Mary Jo McCanny, Director of Visitor Servicing, Visit Belfast		
10:30-12:00	NHSBT opening session Overview of organ donation and transplantation – Rachel Johnson Organ donation trends and an update on opt-out – Sue Madden Organ retrieval – what’s new? – Becca Curtis Early impact of the 2019 Kidney Offering Scheme – Lisa Mumford Impact of the 2018 Elective DBD Liver Offering Scheme – Rhiannon Taylor Lung donation and transplantation – Lisa Mumford A New UK Strategy for Organ Donation and Transplantation – Anthony Clarkson		
12:00-12:30	Keynote lecture: Teamworking and Human Factors Steve Yule, Professor of Behavioural Science, University of Edinburgh		
12:30-14:00	Lunch and exhibition viewing		
13:00-13:50	BTS Annual General Meeting (members only)		
	Hall 2	Hall 1D	Studio
	Educational symposia		
14:00-16:00	Collaborative research Chairs: Sian Griffin & Simon Knight Cooperation and collaboration in an (inter)national context Rutger Ploeg, Oxford Clinical collaborative research: setting up a multi-centre clinical trial Michelle Willicombe, London Scientific collaborative research Claire Sharpe, London Collaboration to speed translation Candice Rouffose, London Collaboration with patients Emma Massey, Rotterdam Transplant Group Q&A	Organisational & Systems collaboration Chairs: Nizam Mamode & Lisa Burnapp Clinical Networks and collaboratives: fact or fiction? Sanjay Sinha, Oxford, Deb Roy & James Hunter, Coventry London Transplant Collaborative Gareth Jones, London Q&A Sharing living kidneys: what difference does it make? What does the data tell us? Matthew Robb, Bristol Expert panel discussion: what can we do better in the UKLKSS? Jelena Stojanovic, Bob Wiggins, Aisling Courtney, Lisa Silas. Keith Graetz, Matthew Robb	Clinical MDT collaboration Chairs: Rachel Hilton & Jen Lumsdaine Developing a framework for HCV+ deceased organ donation Sarah Browne, Cardiff The role of the MDT in evaluating the complex liver transplant candidate – case based discussion Rosanne Bate, Edinburgh The Complex Immunology MDT: Creating transplant opportunities for the ‘problem’ patient Brendan Clark, Leeds MDT engagement for combined liver-kidney transplantation Sapna Shah, London The role of the MDT in evaluating the complex heart-lung transplant candidate – case based discussion Katie Morley, Cambridge

16:00-16:30	Refreshment break	Hall 2
16:05-16:25	Meet the authors (unmoderated): Posters P38-P72	
16:30-17:15	Industry sponsored symposium (45 minutes)	
17:20-18:30	Chairs: Colin Wilson & Jennifer McCaughan 7 of the Best O1: Recipient age - Not donor age: Impacts on long term outcomes following heart transplantation: A 23-year national analysis from the United Kingdom – Jason Ali O2: Assessment of cerebral perfusion and activity during normothermic regional perfusion in a porcine model of donation after circulatory death - Arnaud Romeo Mbadjeu Hondjeu O3: Mental health after unspecified anonymous living kidney donation: The MEGA study – Emma Massey O4: Survey of views & attitudes towards organ donation in the UK Jewish community – Mark Wittenberg and Eddie Hammerman O5: The impact of cold ischaemia time on living donor kidney transplantation outcomes in kidney paired exchange – Frank Dor O6: DCD outcomes after normothermic liver perfusion – David Nasralla O7: End-Hypothermic machine perfusion with oxygenation after static cold storage versus static cold storage alone in ECD kidneys from donation after brain death donors: Results of a prospective international randomised controlled trial in kidney transplantation – Catherine Boffa	
18:30-19:15	Moderated poster session Posters P001-P037	
19:15-20:15	Welcome reception	

Thursday 5th March

Hall 2			
07:45-09:15	MDT Plenary Chairs: Stephen Large & Dominic Summers Case presentations Liver transplantation – Varuna Aluvihare, London Paediatric – Jan Dudley, Bristol Heart & Lung transplantation – Jasvir Parmar, Cambridge Transplant-urology – Jonathan Olsburgh, London Pauline Haslett, Petrut Gogalniceanu, Jason Ali, Matthew Bottomley		
	Hall 2	Hall 1D	Studio
09:20-10:30	Clinical orals Chairs: Aisling Courtney & O8: Evaluation of a home-based education initiative to overcome barriers to living donor kidney transplantation (LDKT) – Renal Education and Choices @ Home (REACH) – Oral Hobson O9: The impact of increasing lung donor age criteria on UK lung utilisation – Gillian Hardman O10: Evaluating the usefulness of the Incompatible Pairs tool in predicting transplantation via the UK Living Kidney Sharing Scheme (UKLKSS) - Éadaoin Hannon O11: Prophylactic eculizumab treatment significantly improves renal allograft survival in patients with atypical haemolytic uremic syndrome compared with historic controls – Emily Glover	BTS/BLTG Combined liver/kidney session Chairs: Krish Menon & Gareth Jones Hepato-renal syndrome (HRS) or intrinsic kidney disease: making the call! Richard Baker, Leeds Polycystic liver and kidney disease: indications for transplant and decision making on simultaneous versus sequential Nigel Heaton, London Liver alone, simultaneous (liver+ kidney) and sequential transplantation: what does the data say? Joanna Leithead, Cambridge Case presentation – Jessica Dyson, Newcastle	Basic science oral Chairs: Anthony Dorling & Emily Thompson O15: The Matrix 'Revelations' – Charlotte Brown O16: Nanostring Analysis for the Diagnosis of Antibody-Mediated Rejection in Renal Transplant Biopsies – Jack Beadle O17: Use of RT-qPCR for diagnosis of antibody-mediated rejection in renal transplant biopsies – Candice Roufosse O18: The fibrinolytic cascade is activated by renal ischaemia reperfusion injury in human kidneys – Nina Jordan O19: Inhibition of NLRP3 inflammasome derived interleukin 1 β during normothermic machine perfusion of human kidneys – Jenna DiRito O20: Kidneys from AKI donors with poor long-term outcomes present an impaired protein expression for cellular stress and repair – Flavia Neri O21: Defining cell-enriched microRNAs to support rational biomarker selection in human renal transplantation – Katie Connor

	<p>O12: Modelling patient outcomes after listing for deceased donor kidney transplantation in the UK: a novel technique – Maria Ibrahim</p> <p>O13: Patients with a crossmatch negative DSA positive living donor should not wait for a compatible deceased donor, in the absence of other living donor options - Gaetano Lucisano</p> <p>O14: Outcomes of pregnancy in simultaneous pancreas and kidney (SPK) transplant recipients: a single-centre experience – Sai Rithin Punjala</p>	Panel discussion : Gareth Jones, Johnny Cash, Richard Baker, Abid Suddle and Nigel Heaton	
10:30-11:00	Refreshment break		
10:35-10:55	Posters presented: Meet the authors (unmoderated): Posters P73-P112		
Hall 2			
11:00-13:00	<p>Medawar Medal Presentations <i>Chairs: Steve Wigmore & Lisa Burnapp</i></p> <p>In recognition of Peter Medawar the “father” of transplantation immunology, and founding society chairman, the society awards two prestigious medals at each Annual Congress to the young doctors/scientists presenting the best clinical and scientific papers</p> <p>M1: Transcriptional assessment of human kidneys undergoing machine perfusion reveals potential benefits of haemoadsorption, reducing the expression of a gene signature associated with delayed graft function – John Ferdinand</p> <p>M2: Risk stratification in antibody incompatible kidney transplantation: can aggressive rejection be avoided? – Sai Rithin Punjala</p> <p>M3: Thrombin Fine Tunes Innate Immune Cell Function in Models of Localised Antigen – Hannah Wilkinson</p> <p>M4: Outcomes of livers from circulatory death donors: Static cold storage vs in situ normothermic regional perfusion vs ex situ normothermic machine perfusion – Rohit Gaurav</p> <p>M5: NMP as a platform for the delivery of thrombolytic agents to clear the microcirculation of human kidneys – Jenna DiRito</p> <p>M6: Normothermic mAchine Perfusion of the Liver to Enable transplantation in difficult recipientS (NAPLES) – Siobhan McKay</p> <p>M7: Modelling the effects of IL-1β-mediated inflammation using ex vivo lung perfusion – Thomas Pither</p> <p>M8: Comparison of metabolic outcomes after pancreas transplantation between DBD (donors after brainstem death) and DCD (donors after circulatory death) grafts – Jeevan Prakash Gopal</p>	<p>Interlocutors</p> <p><i>Candice Roufosse</i></p> <p><i>Nithia Krishna</i> <i>Lorna Marson</i> <i>Ian Currie</i></p> <p><i>James McDaid</i> <i>Krish Menon</i> <i>Sian Griffin</i> <i>Peter Friend</i></p>	
13:00-13:45	Lunch and exhibition viewing		
	Hall 2	Hall 1D	Studio
13:45-15:15	<p>Best practice – kidney <i>Chairs: Rachel Hilton & Tim Brown</i></p> <p>Deceased Donor Organ Offers</p> <p>Case presentations: Would you use this kidney? Nicholas Torpey, Gareth Jones & David van Dellen</p> <p>Cancer in deceased organ donors - Chris Watson, Cambridge</p> <p>The multi-morbid donor – Liam Plant, Cork</p> <p>Is transplantation always better for the older person? Edwina Brown, London</p> <p>O22: Transmission of infection of donor origin in deceased organ donation: the evolving UK practice – Ines Ushiro-Lumb</p> <p>O23: The effect of a second period of cold ischaemia after normothermic machine perfusion (NMP) in donation after circulatory death (DCD) kidney transplantation – Tegwen Elliott</p>	<p>Best practice - liver <i>Chairs: Derek Manas & Anya Adair</i></p> <p>Death with a functioning graft – how to avoid it!</p> <p>Cancer – Rebecca Jones, Leeds</p> <p>Cardiovascular risk in Liver Transplantation – The Heart of the matter – Steve Masson, Newcastle</p> <p>Life style – Matt Armstrong, Birmingham</p> <p>Debate: The house believes that liver transplantation using extended criteria grafts is a surgical decision For: Ian Currie, Edinburgh Against: Rachel Westbrook, London</p> <p>Best practice immunosuppression: minimising immunisation protocols for liver transplant recipients – Varuna Aluvihare, London</p> <p>Q&A</p>	<p>Best practice - pancreas & islets <i>Chairs: Chris Callaghan & Isabel Quiroga</i></p> <p>An overview of islet transplantation in the UK: are we achieving best practise? – Paul Johnson, Oxford</p> <p>Simultaneous islet and kidney transplantation: state of the art – Thierry Berney</p> <p>Debate: This house believes that higher volume pancreas transplant centres are best for patients For: Sanjay Sinha, Oxford Against: Colin Wilson, Newcastle</p>

Hall 2			
15:20-16:05	Industry sponsored symposium: Challenging the status quo: Are we achieving optimum outcomes for highly sensitised kidney transplant candidates?		
			
16:05-16:35	Refreshment break		
16:10-16:30	Posters presented: Meet the authors (unmoderated): Posters P113-P152		
	Hall 2	Hall 1D	Studio
16:35-18:05	Ethics & psychosocial orals <i>Chairs: Jan Dudley & Matthew Welberry Smith</i> O24: Saving the planet: Reorganising renal transplant follow-up – John Fallon O25: Transplant recipient coordinators: burnout vs job satisfaction – Stephen Bond O26: Understanding patients and family views, preferences and expectations when being asked to consider accepting a Hepatitis C infected kidney for organ donation – Leah McLaughlin O27: Bridging the gap between donor families and recipients in the letter writing process – Katie Morley O28: Deconstructing Fear-Backstage theatre tours for children and families waiting for transplant – Sarah Regan O29: Organ donation education in schools significantly increases organ donor registration, knowledge, and family discussion – Matthew Byrne	Calne Williams medal presentations <i>Chairs: Krish Menon & Varuna Aluvihare</i> CW1: The relationship between Cardiopulmonary Exercise Testing (CPET) and muscle volume in liver transplant candidates – Ben Fox CW2: Long-term incidence of de novo malignancies in liver transplant recipients and weaning off immunosuppression in Tor Vergata I: Results from an observational study – Carlo Gazia CW3: Time-trends in patient mortality and graft survival of patients receiving a DCD or DBD liver transplantation in the UK and Ireland between 2008 and 2016 – David Wallace CW4: Early anastomotic biliary complications after liver transplantation – Samuel Tingle CW5: Artificial Intelligence more accurately predicts individual graft survival than traditional modelling: Artificial Intelligence and Liver Transplant (AI4T) – Laura Wingfield CW6: Physical frailty predicts liver transplant waiting list mortality: United Kingdom experience – Felicity Williams	Basic science <i>Chairs: Gavin Pettigrew & Olivia Shaw</i> New frontiers in immunomodulation in transplantation Using CAR-T cells – Hans Stauss, London Modulating immunometabolism - David Finlay, Dublin Human Cell Atlas - relevance to transplantation? - Menna Clatworthy, Cambridge O30: Identification of Novel drugs that mimic Ischaemic Preconditioning in the treatment of Kidney Ischaemia Reperfusion Injury – Usman Khalid O31: The role of microRNA-214 in renal ischaemia reperfusion injury and fibrosis – Victoria Banwell
18:05	Congress close		
19:30	BTS Gala Dinner Belfast City Hall		

Friday 6th March

	Hall2	Hall 1D	Studio
08:30-10:30	Ethics symposium <i>Chairs: Refik Gokmen & David van Dellen</i> Ethical decision-making in the MDM: the MDM as Ethics Committee Joe Brierley, Liam Plant & Robert Elias O32: Identification and management of barriers to adherence in kidney transplant patients: The role of psychological assessment and personalised intervention – Jeff Cove O33: What are the implications of patient's donor choice on the likelihood of receiving a combined kidney and pancreas (SPK) transplant? – Gail Defries	Clinical trials forum <i>Chairs: Michelle Willicombe & Lorna Marson</i> UK donation & transplantation research network Research Network leads: activity, aims and future plans Donation and donor management – Dan Harvey, Nottingham Organ Utilisation and Optimisation - TBC Surgical technologies and peri-operative interventions increasing transplant longevity – Hannah Maple, London Improving long-term patient survival and patient outcomes – Siân Griffin, Cardiff Dragon's Den: Clinical Trials and research for trainees in transplantation - winning trainee	Chapter of surgeons <i>Chairs: Nizam Mamode & Hussein Khambalia</i> Obesity in transplantation Transplanting the obese liver recipient- modifying risk factors and operative considerations – Francesco Rubino, London Bariatric surgery and transplantation: before, after or not at all - Tayyab S. Diwan, Cincinatti The place of robotic surgery in the obese donor and recipient - Ioannis Loukopoulos, London Debate: There should be no cut off for BMI in renal transplant recipients. For: Neal Banga, London Against: Simon Knight, Oxford

		O34: Prophylaxis of wound infections- antibiotics in renal donation (powar): A multicentre UK double blinded placebo controlled randomised controlled trial – Zubir Ahmed	O35: A validated simulation training model for robotic-assisted kidney transplantation – Uzo Uwechue O36: Is seeing believing? Automated, AI-driven image analysis to assess donor pancreata organ quality at the point of retrieval – Pierre Ezuma
10:30-11:10	Refreshment break		
10:35-11:00	Posters presented: Meet the authors (unmoderated): Posters P153-P178		
	Hall2		
11:15-13:30	Horizon scanning <i>Chairs: Lisa Burnapp & Jas Parmar</i> A view from on high – insights from extreme altitude - Chris Imray, Coventry EVLP- breathing life into lung transplantation - Prof Karen Redmond, Dublin How can we create a sustainable future for transplantation in the UK? Prof Steve Powis, NHS England Panel discussion: Sustainability Karen Redmond, Bob Wiggins, John Forsythe, Steve Powis, Andrea Devaney, Dominic Summers		
13:30-13:45	Congress close Depart with packed lunch		