

RESEARCH, INNOVATION AND NOVEL TECHNOLOGIES ADVISORY GROUP
2nd October 2018

Publications List

INTERNAL - NHSBT Research and Development (R&D) Office

NHSBT PubMed search. Publications from our NHSBT colleagues appearing in PubMed between May and September 2018

[Subclinical Changes in Deceased Donor Kidney Proteomes are Associated with 12-month Allograft Function Posttransplantation - a Preliminary Study.](#)

Transplantation

Kaisar M, van Dullemen L, Charles PD, Akhtar MZ, Thézénas ML, Huang H, Klooster A, Watkins NA, Kessler BM, Ploeg RJ

[Mid- and Long-Term Health Risks in Living Kidney Donors.](#)

Annals of internal medicine

O'Keefe LM, Ramond A, Di Angelantonio E

[Patient survival and therapeutic outcome in the UK bridge to transplant left ventricular assist device population.](#)

Heart (British Cardiac Society)

Parameshwar J, Hogg R, Rushton S, Taylor R, Shaw S, Mehew J, Simon A, MacGowan GA, Dalzell JR, Al Attar N, Venkateswaran R, Lim HS, Schueler S, Tsui S, Banner NR

[Systematic review on the treatment of deceased organ donors.](#)

Transplantation reviews (Orlando, Fla.)

van Erp AC, van Dullemen LFA, Ploeg RJ, Leuvenink HGD

[Deceased Organ Donors With a History of Increased Risk Behavior for the Transmission of Blood-Borne Viral Infection: The UK Experience.](#)

Transplantation

Trotter PB, Summers DM, Robb M, Hulme W, Ushiro-Lumb I, Watson CJE, Neuberger J, Bradley JA

[Mesenchymal Stromal Cells as Anti-Inflammatory and Regenerative Mediators for Donor Kidneys During Normothermic Machine Perfusion.](#)

Stem cells and development

Sierra-Parraga JM, Eijken M, Hunter J, Moers C, Leuvenink H, Møller B, Ploeg RJ, Baan CC, Jespersen B, Hoogduijn MJ

[The interval between brainstem death and cardiac assessment influences the retrieval of hearts for transplantation.](#)

European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery

Dimarakis I, Banner NR, Rushton S, Wong HSE, Berman M, Howell N, Payne J, Dark J, Mehew J, Venkateswaran R

[The Rule of Threes: three factors that triple the likelihood of families overriding first person consent for organ donation in the UK.](#)

Journal of the Intensive Care Society

Morgan J, Hopkinson C, Hudson C, Murphy P, Gardiner D, McGowan O, Miller C

[ISHLT Primary Graft Dysfunction incidence, risk factors and outcome: a UK National Study.](#)

Transplantation

Avtaar Singh SS, Banner NR, Rushton S, Simon AR, Berry C, Al-Attar N

[Twenty-four hour normothermic perfusion of discarded human kidneys with urine recirculation.](#)

American journal of transplantation : official journal of the American Society of

Transplantation and the American Society of Transplant Surgeons

Weissenbacher A, Lo Faro L, Boubriak O, Soares MF, Roberts IS, Hunter JP, Voyce D, Mikov N, Cook A, Ploeg RJ, Coussios CC, Friend PJ

[Donor heart selection and outcomes: An analysis of over 2.000 cases.](#)

The Journal of heart and lung transplantation : the official publication of the International Society for Heart Transplantation

Aliabadi-Zuckermann AZ, Gökler J, Kaider A, Riebandt J, Moayedifar R, Osorio E, Haberl T, Angleitner P, Laufer G, Forsythe J, Knezevic I, Skoric B, Erasmus M, van Cleemput J, Caliskan K, De Jonge N, Szabolcs Z, Prodán Z, Wasler A, Bara C, Udovičić M, Sandhaus T, Garbade J, Ruhparwar A, Schoenrath F, Hirt S, Antretter H, Schulz U, Richter M, Thul J, Barten MJ, Haneya A, Aleksic I, Eifert S, Berchtold-Herz M, Smits J, Zuckermann AO

[Renal allograft survival rates in kidneys initially declined for paediatric transplantation.](#)

Pediatric nephrology (Berlin, Germany)

Marlais M, Pankhurst L, Martin K, Mumford L, Tizard EJ, Marks SD

[Proteo-metabolomics reveals compensation between ischemic and non-injured contralateral kidneys after reperfusion.](#)

Scientific reports **Free Article**

Huang H, van Dullemen LFA, Akhtar MZ, Faro ML, Yu Z, Valli A, Dona A, Thézénas ML, Charles PD, Fischer R, Kaiser M, Leuvenink HGD, Ploeg RJ, Kessler BM

[British Transplantation Society/Renal Association UK Guidelines for Living Donor Kidney Transplantation 2018: Summary of Updated Guidance.](#)

Transplantation

Andrews PA, Burnapp L

EXTERNAL – Taken from Transplant Trial Watch (TTW)

Recently published randomized controlled trials (RCTs) in organ transplantation

June 2018

[Antibiotics for asymptomatic bacteriuria in kidney transplant recipients.](#)

Coussement J, Scemla A, et al. Cochrane Database of Systematic Reviews 2018.

[A Phase I/II, Double-Blind, Placebo-Controlled Study Assessing Safety and Efficacy of C1 Esterase Inhibitor for Prevention of Delayed Graft Function in Deceased Donor Kidney Transplant Recipients.](#)

Jordan SC, Choi J, et al. American Journal of Transplantation 2018; 10: 10.

[Differential T Cell Signaling Pathway Activation by Tacrolimus and Belatacept after Kidney Transplantation: Post Hoc Analysis of a Randomised-Controlled Trial.](#)

Kannegieter NM, Hesselink DA, et al. Scientific Reports 2017; 7(1): 15135.

[The benefits of hypothermic machine preservation and short cold ischemia times in deceased donor kidneys.](#)

Kox J, Moers C, et al. *Transplantation* 2018; 102(8): 1344-1350.

[Incidence of nonmelanoma skin cancer in renal transplant recipients: A systematic review and meta-analysis.](#)

Matinfar M, Shahidi S, et al. *Journal of Research in Medical Sciences* 2018; 23(14).

[Treatment of chronic antibody mediated rejection with intravenous immunoglobulins and rituximab: A multicenter, prospective, randomized, double-blind clinical trial.](#)

Moreso F, Crespo M, et al. *American Journal of Transplantation* 2018; 18(4): 927-935.

[Both sarcopenia and frailty determine suitability of patients for liver transplantation-A systematic review and meta-analysis of the literature.](#)

Kahn J, Wagner D, et al. *Clinical Transplantation* 2018; 32(4) :e13226.

[Adherence to Mediterranean and low-fat diets among heart and lung transplant recipients: a randomized feasibility study.](#)

Entwistle TR, Green AC, et al. *Nutrition Journal* 2018; 17(1): 22.

[Montelukast for bronchiolitis obliterans syndrome after lung transplantation: A randomized controlled trial.](#)

Ruttens D, Verleden SE, et al. *PLoS ONE* 2018 [Electronic Resource] 13(4): e0193564.

[Implementation of a Web-Based Organ Donation Educational Intervention: Development and Use of a Refined Process Evaluation Model.](#)

Redmond N, Harker L, et al. *Journal of Medical Internet Research* 2017; 19(11): e396.

July 2018

[A Randomized Trial of a Multicomponent Intervention to Promote Medication Adherence: The Teen Adherence in Kidney Transplant Effectiveness of Intervention Trial \(TAKE-IT\).](#)

Foster BJ, Pai ALH, et al. *American Journal of Kidney Diseases* 2018; 72(1): 30-41.

[A Randomized Controlled Trial of an Intensive Nutrition Intervention Versus Standard Nutrition Care to Avoid Excess Weight Gain After Kidney Transplantation: The INTENT Trial.](#)

Henggeler CK, Plank LD, et al. *Journal of Renal Nutrition* 2018; 28(5): 340-351.

[Efficacy and Safety of Induction Therapy in Kidney Transplantation: A Network Meta-Analysis.](#)

Hwang SD, Lee JH, et al. *Transplantation Proceedings* 2018; 50(4): 987-992.

[Critical Appraisal of International Clinical Practice Guidelines in Kidney Transplantation Using the Appraisal of Guidelines for Research and Education \(AGREE\) II Tool: A Systematic Review.](#)

O'Donoghue KJM, Reed RD, et al. *Transplantation* 2018; 102(9): 1419-1439.

[A randomized, phase 2 study of ASP0113, a DNA-based vaccine, for the prevention of CMV in CMV-seronegative kidney transplant recipients receiving a kidney from a CMV-seropositive donor.](#)

Vincenti F, Budde K, et al. *American Journal of Transplantation* 2018 [record in progress].

[An Explore Transplant Group Randomized Controlled Education Trial to Increase Dialysis Patients' Decision-Making and Pursuit of Transplantation.](#)

Waterman AD and Peipert JD. *Progress in Transplantation* 2018; 28(2): 174-183.

[A randomized trial of normothermic preservation in liver transplantation.](#)

Nasralla D, Coussios CC, et al. *Nature* 2018; 557(7703): 50-56.

[Outcomes associated with mammalian target of rapamycin \(mTOR\) inhibitors in heart transplant recipients: A meta-analysis.](#)

Jennings DL, Lange N, et al. *International Journal of Cardiology* 2018; 24: 24.

[Impact of the posttransplant lymphoproliferative disorder subtype on survival.](#)

Koff JL, Li J, et al. *Cancer* 2018; 124(11): 2327-2336.

[Islet transplantation versus insulin therapy in patients with type 1 diabetes with severe hypoglycaemia or poorly controlled glycaemia after kidney transplantation \(TRIMECO\): a multicentre, randomised controlled trial.](#)

Lablanche S, Vantyghem M, et al. *The Lancet Diabetes & Endocrinology* 2018; 6(7): 527-537.

August 2018[Belimumab in kidney transplantation: an experimental medicine, randomised, placebo-controlled phase 2 trial.](#)

Banham GD, Flint SM, et al. *Lancet* 2018; 391 (10140): 2619-2630.

[The Effect of Antithymocyte Globulin and Everolimus on the Kinetics of Cytomegalovirus Viral load in Seropositive kidney Transplant Recipients without prophylaxis.](#)

Basso G, Felipe CR, et al. *Transplant Infectious Disease* 2018; 20(4): e12919.

[Limited Sampling Strategy for Estimating Mycophenolic Acid Exposure on Day 7 Post-Transplant for Two Mycophenolate Mofetil Formulations Derived From 20 Chinese Renal Transplant Recipients.](#)

Cai W, Cai Q, et al. *Transplantation Proceedings* 2018; 50(5): 1298-1304.

[The effect of the use of a TNF-alpha inhibitor in hypothermic machine perfusion on kidney function after transplantation.](#)

Diuwe P, Domagala P, et al. *Contemporary Clinical Trials* 2017; 59: 44-50.

[Outcomes at 7 years post-transplant in black vs nonblack kidney transplant recipients administered belatacept or cyclosporine in BENEFIT and BENEFIT-EXT.](#)

Florman S, Vincenti F, et al. *Clinical Transplantation* 2018; 32(4): e13225.

[The effect of spironolactone on calcineurin inhibitor induced nephrotoxicity: a multicenter randomized, double-blind, clinical trial \(the SPIREN trial\).](#)

Mortensen LA, Thiesson HC, et al. *BMC Nephrology* 2018; 19(1): 105.

[Five-year outcomes in kidney transplant patients randomized to everolimus with cyclosporine withdrawal or low-exposure cyclosporine versus standard therapy.](#)

Sommerer C, Duerr M, et al. *American Journal of Transplantation* 2018 [record in progress]

[Effect of Magnesium Supplements on Insulin Secretion After Kidney Transplantation: A Randomized Controlled Trial.](#)

Van Laecke S, Caluwe R, et al. *Annals of Transplantation* 2017; 22: 524-531.

[Smoking and outcomes in kidney transplant recipients: a post hoc survival analysis of the FAVORIT trial.](#)

Weinrauch LA, Claggett B, et al. *International Journal of Nephrology & Renovascular Disease* 2018; 11: 155-164.

[Renal effects of norepinephrine-induced variations in mean arterial pressure after liver transplantation: A randomized cross-over trial.](#)

Skytte Larsson J, Bragadottir G, et al. *Acta Anaesthesiologica Scandinavica* 2018; 12: 12.

September 2018

[Effectiveness of informational decision aids and a live donor financial assistance program on pursuit of live kidney transplants in African American hemodialysis patients.](#)

Boulware LE, Ephraim PL, et al. *BMC Nephrology* 2018; 19(1): 107.

[Sirolimus for Secondary Prevention of Skin Cancer in Kidney Transplant Recipients: 5-Year Results.](#)

Dantal J, Morelon E, et al. *J Clin Oncol* 2018 [record in progress]

[Histological findings to five years after early conversion of kidney transplant patients from cyclosporine to everolimus: an analysis from the randomized ZEUS study.](#)

Eisenberger U, Budde K, et al. *BMC Nephrology* 2018; 19(1): 154.

[Anti-Inflammatory Effect of Atorvastatin on the Kidney Graft of Living Donor Transplants.](#)

Fuentes-Orozco C, Garcia-Salazar SJ, et al. *Annals of Transplantation* 2018; 23: 442-449.

[Everolimus with Reduced Calcineurin Inhibitor Exposure in Renal Transplantation.](#)

Pascual J, Berger SP, et al. *Journal of the American Society of Nephrology* 2018; 29(7): 1979-1991.

[Ex situ machine perfusion as a tool to recondition steatotic donor livers: troublesome features of fatty livers and the role of defatting therapies. A systematic review.](#)

Boteon YL, da Silva Boteon APC, et al. *American Journal of Transplantation* 2018 [record in progress]

[Impact of pre-transplant recipient body mass index on post-heart transplant mortality: a systematic review and meta-analysis.](#)

Foroutan F, Doumouras BS, et al. *Clinical Transplantation* 2018: e13348.

[Impact of Donor Core Body Temperature on Graft Survival After Heart Transplantation.](#)

Schnuelle P, Benck U, et al. *Transplantation* 2018 [record in progress]

[The effects of inspiratory muscle training on exercise capacity, dyspnea and respiratory functions in lung transplantation candidates: a randomized controlled trial.](#)

Pehlivan E, Mutluay F, et al. *Clinical Rehabilitation* 2018 [record in progress].

[Quality Metrics in Solid Organ Transplantation: A Systematic Review.](#)

Brett KE, Ritchie LJ, et al. *Transplantation* 2018; 102(7): e308-e330.