
Curriculum vitae


Nicholas Brook

BSc MSc MBBS MD FRCS(Urol) FRACS(Urol)

PERSONAL DETAILS

AHPRA Registration: MED0001621715
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EDUCATION & QUALIFICATIONS

Feb 2011 *Fellow of the Royal Australasian College of Surgeons (Urology)*

May 2007 *Fellow of the Royal College of Surgeons (Urology)*

March 2006 *Doctor of Medicine*
University of Leicester

Feb 2001 *Member of the Royal College of Surgeons of Edinburgh*

Sept 1992 - Nov 1996 *Bachelor of Medicine Accelerated Course*
University of Southampton

Sept 1991 - Sept 1992 *Master of Science in Biochemical Pharmacology*
University of Southampton
Recipient of competitively awarded Science and Engineering Research Council grant

Sept 1988 - June 1991 *Bachelor of Science in Animal Physiology*
Queen Mary College, University of London
First Class Honours

PROFESSIONAL EXPERIENCE

Current Private Clinical Appointments – Australia

Feb 2013 – present **Visiting Specialist Urologist** – Calvary North Adelaide Hospital
March 2013 – present **Visiting Specialist Urologist** - Burnside War Memorial Hospital

Current Public Clinical Posts - Australia

July 2009 – Present **Consultant Urologist and Director of Urological Cancer**
Department of Urology
Royal Adelaide Hospital
Adelaide, Australia

Current Academic Post

July 2009 – present **Associate Professor in Surgery**
The University of Adelaide

Previous Academic Posts

April 2008 - July 2009 **Honorary Lecturer**
The University of Queensland
Department of Medicine (Urology and Transplant)

Jan 2005 – July 2009 **Honorary Lecturer**
The University of Leicester Faculty of Medicine
Transplant Surgery Group
Department of Cardiovascular Sciences

Jan 2004 - Dec 2004 **Honorary Senior Research Fellow**
The University of Leicester Faculty of Medicine
Transplant Surgery Group
Department of Cardiovascular Sciences

Previous Surgical Training Posts

April 2008 - July 2009 **Fellow in Urology**
Department of Urology and Renal Transplantation
Princess Alexandra Hospital
Brisbane, Australia

July 2003 – July 2009 **Specialist Registrar in Urology**
University of Nottingham Faculty of Medicine
Trent Postgraduate Deanery
National Training Number: EMD/027/505/N

Aug 2001 - July 2003 **Clinical Research Fellow/Honorary Specialist Registrar**
(Royal College of Surgeons of Edinburgh Robertson Trust Fellow)
Division of Transplant Surgery
Leicester General Hospital

Feb 1999 - Aug 2001 **Senior House Officer Surgical Rotation Scheme**
Nottingham University and City Hospitals

Aug 1998 - Feb 1999 **Anatomy Demonstrator**
Imperial College of Science and Medicine

Feb 1998 - Aug 1998 **Senior House Officer, Accident and Emergency**
Northwick Park and St. Mark's NHS Trust

Feb 1997 - Feb 1998 **House Officer, Urology/Surgery/Medicine**
Southampton General Hospital

PUBLIC SERVICE IMPROVEMENTS - ROYAL ADELAIDE HOSPITAL

Director of Urological Cancer, Department of Urology – 2012 to present
Chair of Urological Cancer Multidisciplinary Meeting – 2011 to present
Initiation of joint Uro-Oncology clinics for complex urological cancer – 2011 to present
Joint development of Robotic Kidney Surgery Programme (with Peter Sutherland) – 2010 to present
Introduction of laser urological surgery – Lyell McEwin Hospital – 2011
Introduction of Plasma Vaporisation of Prostate - Lyell McEwin Hospital 2011
Performed first laparoscopic live kidney donor procedure at RAH – 2009
Awarded \$300,000 for Prostate Cancer Specialist Nurse (PCFA) – 2011
Lead clinical mentor for Prostate Cancer Specialist Nurse – 2011 onwards
Development of Prostate Cancer Specialist Nurse clinics for CaP follow-up management – 2012
Development of Prostate Cancer Outreach Nurse – Port Pirie, South Australia 2012 to present
Director of Surgical Resident Medical Officer Training 2010 - 2013
Successful application for PCFA Rural Roadshow delivery in South Australia - 2013
Appointed as pilot site for Cancer Australia Prostate Cancer Dataset collection - 2013

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

Full Member of the Urological Society of Australia and New Zealand
International member of the American Urology Association
Member of Australian and New Zealand Urogenital and Prostate Cancer Trials Group
Corresponding Member of the Society of Urologic Oncology
Associate CME Editor for the British Journal of Urology International – 2012 onwards.

Reviewer for **Journal of Urology**

Defining maximum renal tolerance to warm ischemia in a porcine laparoscopic and open surgery model.

Reviewer for **BJU International**

Rates of graft nephrectomy in the pre-and post- cyclosporine era.

Reviewer for the **Lancet**

1. Multiplying the benefit of live nondirected donors through domino kidney paired donation.
2. Analysis of Factors that Determine Outcome Following Transplantation with Kidneys Donated after Cardiac Death in the UK

Reviewer for **Nature Clinical Practice Nephrology**

Non-heart-beating donation of kidneys for transplantation

Reviewer for **Kidney International**

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1. A pathophysiologic study of the kidney tubule to optimize organ preservation solutions.
 2. Glomerular volume and renal histology in obese and non-obese living kidney donors
 3. Disruption of Smad7 Gene Promotes Renal Fibrosis and Inflammation in Unilateral Ureteral Obstruction in Mice.

Reviewer for American Journal of Transplantation

1. Sildenafil citrate treatment for erectile dysfunction after kidney transplantation.
2. Free androgen index is superior to total testosterone for short-term assessment of the gonadal axis after renal transplantation.
3. Cyclosporine(CsA)-to-tacrolimus conversion versus CsA minimization on graft function and TGF-1 / HGF in chronic allograft nephropathy.
4. Psychosocial and physical impairment after open and laparoscopic donor nephrectomy; a prospective study.

Reviewer for the Nephrology Dialysis Transplantation

1. Living unrelated donor renal transplantation: an alternative to living related donor transplantation?
2. NADPH oxidase subunits (NOX-1, p22^{phox}, Rac-1) and tacrolimus-induced nephrotoxicity in a rat renal transplant model

Reviewer for BioMed Central Clinical Pathology

The Evaluation of Renal Ischaemic Damage: The Value of CD10 Monoclonal Antibody Staining and of Biochemical Assessment of Tissue Viability.

Reviewer for BioMed Central Surgery

A comparison of hand-assisted laparoscopic and open donor nephrectomy in living donors

Reviewer for the European Journal of Pharmacology

Pirfenidone: Anti-fibrotic agent with a potential therapeutic role in the management of transplantation patients.

Reviewer for Nephrology

1. Prolongation of survival in renal transplant recipients with advanced renal cell carcinoma by everolimus and sorafenib
2. Failed kidney transplants: Should transplant nephrectomy become the standard of care?

Reviewer for Expert Review of Anticancer Therapy

1. Molecular-Targeted Therapy in Renal Cell Carcinoma: Where Do We Go From Here?
2. Targeting the Met Signaling Pathway in Renal Cancer

Reviewer for Health Research Board in Ireland

Application for Research Fellowships in Clinical Research Training, Research Funding and Policy Division.

Referee for Cochrane Renal Group of the Cochrane Database of Systematic Reviews

1. Intraoperative ureteric stenting for preventing urological complications in kidney transplant recipients.
2. Calcium channel blockers for ureteral stones
3. Tubeless versus standard percutaneous nephrolithotomy for treating kidney stones

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4. Alpha blockers as medical expulsive therapy for ureteral calculi
 5. Polyclonal and monoclonal antibodies for induction therapy in kidney transplant recipients

Reviewer for **Postgraduate Medical Journal**

1. Living unrelated donor renal transplantation: an alternative to living related donor transplantation?
2. Management of overactive bladder syndrome

Reviewer for **Oxford Handbook of Emergencies in Clinical Medicine**

Renal and Urology Chapter

Reviewer for **Oxford Handbook of Post-operative Complications**

Reviewer for the **McMaster Online Rating of Evidence** for urology and transplant

Visiting Fellow at New York Presbyterian Hospital - Columbia University - Sept/Oct 2005.
Courtesy of Dr. Lloyd Ratner.

Reviewer for **TSANZ abstract submissions, Annual Meeting 2011.**

GRANTS & HONOURS

First Class Honours for Bachelor of Science at the University of London

Recipient of competitively awarded Science and Engineering Council grant for MSc at The University of Southampton.

Royal College of Surgeons of Edinburgh Robertson Trust Research Fellow, 2002-2003.

British Transplantation Society Best Poster Prize: *Live donor nephrectomy: a survey of current practice in the UK and Ireland*, Annual Congress, London 2003

Association of Surgeons of Great Britain and Ireland. Best Oral Presentation Prize in Clinical Practice: *The novel agent pirfenidone attenuates the profibrotic molecular environment generated by calcineurin-inhibitors in the rat salt-depletion model*. Annual Meeting, Harrogate 2004.

The Royal Society of Medicine Norman Tanner Prize 2004. *A prospective, randomised trial of laparoscopic versus open live donor nephrectomy: allograft structure and function are equal and donor outcome is superior*

Renal Association/British Transplantation Society Travel Bursary for the Joint Congress, Belfast 2005.

St. John Ambulance Air Wing Traveling Fellowship. £2000. Awarded for Visiting Fellowship at New York Presbyterian Hospital - Columbia University - Sept/Oct 2005.

Winner of Association of Surgeons in Training - funded place on the Laparoscopic Urology Surgery Masterclass course. Elancourt, Paris, 2006. April 13-14

Best Abstract Submission Award. The Renal Association Annual Meeting, Harrogate 2006.

Royal College of Surgeons of Edinburgh/ Ethicon Foundation Fund Travel Grant – 2008-2009. £1000 awarded towards Fellowship at the Princess Alexandra Hospital.

Successful application for \$300,000 funding for Prostate Cancer Specialist Nurse from the Prostate Cancer Foundation of Australia. Royal Adelaide Hospital 2011.

BASIC SCIENCE RESEARCH EXPERIENCE

BSc Research Project (6 months part time research)

University of London

The effect of Substance P and SP fragments on dopamine release from rat brain slices.

The effect of peptide fragments on the release of radiolabelled dopamine from rat brain slices was evaluated in an *in vitro* study. The exposure to techniques of receptor binding assay gave me a firm foundation in basic neurochemistry and mechanisms of cell signalling.

MSc Research Project (6 months full time research)

University of Southampton

The NMDA receptor: modulation and heterogeneity in a ^3H CPP binding assay.

This was full time research experience in more advanced techniques of cell signalling investigation, looking at receptor subtypes and the modulation of ligand binding by membrane metabolites.

Doctor of Medicine at The University of Leicester

Nephrotoxicity of immunosuppressant drugs in salt-depletion and modification of effect by an antifibrotic agent. This two-year, full time research programme involved identifying functional and molecular changes associated with renotoxic and non-renotoxic immunosuppressants, applied to the salt-depleted model in clinically relevant combinations.

CLINICAL TRIAL INVOLVEMENT

Randomised controlled trial of open versus laparoscopic live donor nephrectomy. Intra- and post-operative donor data collection and patient management.

Zenepax NHBD clinical trial, a prospective, randomised, two centre (Leicester and Newcastle) trial examining the effect of anti-interleukin-2 receptor antibody induction therapy on renal function and renal allograft survival in non-heart-beating donor kidney recipients. Patient recruitment and management.

'Caesar' clinical trial, a prospective, randomised multicentre study on the effect of cyclosporine reduction or withdrawal on renal function in cadaveric renal allograft recipients. Patient recruitment and management, and data collection for Leicester patients.

Clinical Islet Cell Transplantation Programme at the University of Leicester.

Cadaveric pancreas retrieval for islet isolation.

'Protect' study, Leicester.

TRUS-guided prostate biopsy sessions

A Randomised, Double-blind, Placebo-Controlled, Multi-Centre Phase 3 Study of Denosumab on Prolonging Bone-Metastasis-Free Survival in Men with Hormone-Refractory Prostate Cancer.

Co-investigator at the Princess Alexandra Hospital, Brisbane.

A Randomised, Double-blind, Parallel Group, Active Controlled, Multi-Centre Long Term Study to Assess the Safety and Efficacy of the Beta-3 Agonist YM178 (50mg qd and 100mg qd) in Patients with the Symptoms of Overactive Bladder.

Co-investigator at the Princess Alexandra Hospital, Brisbane.

Clinical Islet Cell Transplantation Programme, South Australia and Northern Territory. Pancreas retrieval and human islet transplantation.

RAH Lead Urological Investigator for SORCE trial: a multi-centre phase III double-blind placebo-controlled study designed to examine the efficacy and tolerability of sorafenib (Nexavar) in patients with resected (total or partial) primary renal cell carcinoma (RCC) at high or intermediate risk of relapse

RAH Lead Urological Investigator for M1 Abiraterone trial (“Lattitude”): A Randomized, Double-blind, Comparative Study of Abiraterone Acetate Plus Low-dose Prednisone Plus Androgen Deprivation Therapy (ADT) Versus ADT Alone in Newly Diagnosed Subjects With High-Risk, Metastatic Hormone-Naive Prostate Cancer.

RAH co-investigator Aragon/ SPARTAN/ ARN-509-003 study

COMMITTEES AND RESPONSIBILITIES

Scientific Convenor SA & NT Branch USANZ 2013 ASM

Director of Urological Cancer – Department of Urology, RAH. 2012 to present.

Lead Clinician for Urological Cancer Multidisciplinary Team, Royal Adelaide Hospital. August 2011 to present

Director of Training for Surgical Resident Medical Officers, Royal Adelaide Hospital. June 2011 – present

State-wide Surgical Allocation Committee for South Australian Institute of Medical Education and Training 2010-2013.

Member of Expert Reference Group for MBBS, University of Adelaide

Chair, Elective and Emergency Surgery Committee, Royal Adelaide Hospital. Nov 2011 to Dec 2012

Member of RAH Operating Theatre Executive Committee Dec 2012 onwards

Examiner, Royal Australasian College of Surgeons SET Clinical Examinations 2012

Training Supervisor – Urology SET Trainees – Royal Adelaide Hospital. 2011-present

Peri-operative Model of Care – Steering Committee, Royal Adelaide Hospital, 2011

Member of The Performance Improvement Committee for Central North Adelaide Health Service. 2009 to 2010.

ANZUP subcommittee member for Renal Cancer, Germ Cell Cancer, and Bladder Cancer 2012 to present

Clinical mentor for Master of Nurse Practitioner program, School of Nursing, University of Adelaide.

Member of Academic Review panel for Joanna Briggs Institute MPhil, July 2011

Chair, Medical Content Committee, Prostate Cancer Foundation of Australia Rural Road Shows 2012 - present

Member of Steering Committee - Prostate Cancer Foundation of Australia Rural Road Shows 2012 - present

PEER-REVIEWED PUBLICATIONS

1. S Khan, **NR Brook**, R Whelpton, AT Michael-Titus. SP (1-7) and SP (5-11) locally modulate dopamine release in rat striatum. *Eur J Pharmacol.* 1995; 282: 229-33
2. **NR Brook**. The balance between service and training. *Ann R Coll Surg Eng.* 2002;(Suppl) 84:15-17
3. **NR Brook**, JR Waller, CJ Pattenden, ML Nicholson. Ureteric stenosis after renal transplantation: no effect of acute rejection or immunosuppression. *Transplant Proc.* 2002; 34(7):3007-8

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4. **NR Brook**, JR Waller, ML Nicholson. Non-heart-beating kidney donation: Current practice and future developments. *Kidney Int.* 2003; 63:1516-1529
 5. **NR Brook**, SA White, JR Waller, GR Bicknell, ML Nicholson. Fibrosis associated gene expression in renal transplant glomeruli after acute renal allograft rejection. *Br J Surg.* 2003; 90:1009-1014
 6. **NR Brook**, SA White, JR Waller, PS Veitch, ML Nicholson. Non-heart beating donor kidneys have superior rates of graft survival compared to conventional heart-beating donor kidneys that develop delayed graft function. *Am J Transplant.* 2003; 3(5): 614-618
 7. **NR Brook**, AJ Knight, ML Nicholson. Intra-renal resistance reflects warm ischaemic damage and is further increased by static cold storage: A model of non-heart-beating donor kidneys. *Medical Science Monitor* 2003; 9(7): 271-275
 8. **NR Brook**, ML Nicholson. Kidney transplantation from non heart-beating donors. *Surg J R Coll Surg Edinb Irel.* 2003; 1(6):311-322
 9. **NR Brook**, ML Nicholson. Laparoscopic live donor nephrectomy. Leading Article. *Br J Surg.* 2003; 90(11):1313-1314
 10. JR Waller, **NR Brook**, ML Nicholson. Cardiac Allograft Vasculopathy – Current concepts and treatment. *Transplant Int.* 2003; 16(6): 367-375.
<http://www3.interscience.wiley.com/journal/118888141/abstract>
 11. **NR Brook**, SA White, JR Waller, ML Nicholson. The surgical management of peritoneal dialysis catheters. *Ann R Coll Surg Eng.* 2004; 86(3):190-5
 12. **NR Brook**, ML Nicholson. An audit over two years practice of open and laparoscopic live donor nephrectomy at renal transplant centres in the UK and Ireland. *BJU Int.* 2004; 93:1027-1031
 13. **NR Brook**, JR Waller, AC Richardson, M Gok, JA Bradley, PA Andrews, G Koffman, D Talbot, ML Nicholson. A report on the activity and clinical outcomes of renal non-heart beating donor transplantation in the United Kingdom from 1988 to 2001. *Clin Transplant.* 2004; 18(6):627-633
 14. JR Waller, **NR Brook**, GR Bicknell, ML Nicholson. Differential effects of modern immunosuppressive agents on the development of intimal hyperplasia. *Transplant Int.* 2004; 17(1): 9-14. <http://www3.interscience.wiley.com/journal/118789268/abstract>
 15. GRR Lewis, NR Brook, JR Waller, JC Bains, PS Veitch, ML Nicholson. A comparison of traditional open, minimal incision donor nephrectomy and laparoscopic donor nephrectomy. *Transplant Int.* 2004; 17(10):589-595.
<http://www3.interscience.wiley.com/journal/118789274/abstract>
 16. GRR Lewis, K Mulchay, **NR Brook**, PS Veitch, ML Nicholson. A prospective study of the predictive power of spiral CT angiography in delineating renal vascular anatomy for live donor nephrectomy. *BJU Int.* 2004; 94(7):1077-81
 17. ML Nicholson, SA Hosgood, MS Metcalfe, JR Waller, **NR Brook**. A comparison of renal preservation by cold storage and machine perfusion using a porcine autotransplant model. *Transplantation* 2004; 78(3):333-337
 18. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. The experimental agent pirfenidone reduces pro-fibrotic gene expression in a model of tacrolimus-induced nephrotoxicity. *J Surg Res.* 2005; 125(2): 137-143
 19. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. Prograf produces a molecular environment favouring antifibrosis, an effect reversed by the addition of Rapamune. *Transplant Proc.* 2005; 37(1): 148-9
 20. **NR Brook**, SJ Harper, R Elwell, A Bagul, ML Nicholson. Laparoscopic donor nephrectomy yields

kidneys with structure and function equivalent to those retrieved by open surgery. *Transplanta Proc* 2005; 37(2): 625-626

21. **NR Brook**, ML Nicholson. Alterations in the practice of open and laparoscopic live donor nephrectomy at renal transplant centres in the UK and Ireland. *Transplant Proc.* 2005; 37(2): 623-624
22. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. Cyclosporine and rapamycin act in a synergistic and dose dependent manner in a model of immunosuppressant-induced kidney damage. *Transplant Proc.* 2005; 37(2): 837-838
23. **NR Brook**, SJ Harper, JR Waller, R Elwell, ML Nicholson. A consecutive series of 70 laparoscopic donor nephrectomies demonstrates the safety of this new operation. *Transplant Proc.* 2005; 37(2): 627-628
24. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. The novel antifibrotic agent pirfenidone attenuates the pro-fibrotic environment generated by calcineurin-inhibitors in the rat salt-depletion model. *Transplant Proc.* 2005; 37(1): 130-3
25. Wilson CH, **Brook NR**, Gok MA, Asher JF, Nicholson ML, Talbot D. Randomized clinical trial of daclizumab induction and delayed introduction of tacrolimus for recipients of non-heart-beating kidney transplants. *Br J Surg.* 2005; 92(6):681-7
26. Wilson C, **Brook NR**, Gok MA, Gupta A, Asher JF, Nicholson ML, Talbot D. Evaluation of daclizumab to reduce delayed graft function in non-heart-beating renal transplantation: a prospective, randomized trial. *Transplant Proc.* 2005 May;37(4):1774-5
27. JR Waller, **NR Brook**, GR Bicknell, GJ Murphy, ML Nicholson. Mycophenolate mofetil inhibits intimal hyperplasia and attenuates the expression of genes favouring smooth muscle cell proliferation and migration. *Transplant Proc.* 2005; 37(1):164-6
28. JC Bains, RM Sandford, **NR Brook**, SA Hosgood, GRR Lewis, ML Nicholson. A comparison of renal allograft fibrosis following transplantation from heart beating and non-heart beating donors. *Br J Surg.* 2005; 92(1):113-118
29. **NR Brook**, ML Nicholson. Minimally invasive surgery for live kidney donors; techniques and challenges. *Progress in Transplantation* 2005; 15(3): 257-63
30. **NR Brook**, CH Wilson, ML Nicholson. Current Status of Live Donor Renal Transplantation. *Therapy* 2005; 2(6):909-920
31. **NR Brook**, AJ Colquhoun, JK Mellon. Management of transitional cell carcinoma by targeting the epidermal growth factor receptor. *Therapy* 2006; 3(3):407-416
32. Bagul A, **Brook NR**, Harper SJ, Nicholson ML. Vascular clamping of calcified vessels: the peanut technique. *Ann R Coll Surg Engl.* 2006 Jan;88(1):77
33. A Bagul, R Taha, MS Metcalfe, **NR Brook**, ML Nicholson. Pre incision-infiltration of local anesthetic reduces postoperative pain with no effects on bruising and wound cosmesis after thyroid surgery. *Thyroid* 2005; 15(11):1245-1248
34. CH Wilson, **NR Brook**, D Talbot. Preservation solutions for solid organ transplantation. *Mini-Reviews in Medicinal Chemistry* 2006; 6(10): 1081-1090
35. MD Kay, **N Brook**, M Kaushik, SJF Harper, A Bagul, ML Nicholson. Comparison of right and left laparoscopic live donor nephrectomy. *Br J Urol* 2006;98(4):843-844
36. A Bagul, **NR Brook**, M Kaushik, ML Nicholson. Tunneled Catheters for the Haemodialysis Patient. *European Journal of Vascular and Endovascular Surgery* 2006; 33(1):105-12
37. **NR Brook**, ML Nicholson. Non-directed live kidney donation. Invited Comment, *The Lancet*

38. **NR Brook**. Editorial comment on Dual transplantation of marginal kidneys from non-heart beating donors. *Journal of Urology* 2008; 179(6):2309
39. ML Nicholson, M Kaushik, GR Lewis, NR Brook, A Bagul, MD Kay, SJ Harper, R Elwell, PS Veitch. Randomised clinical trial of laparoscopic versus open donor nephrectomy. *British Journal of Surgery*. 2010 Jan;97(1):21-8
40. **NR Brook**, N Gibbons, DL Nicol, S McDonald. Open and Laparoscopic Donor Nephrectomy – Activity and Outcomes from all Australasian Transplant Centres. **Transplantation. In Press.** http://journals.lww.com/transplantjournal/Abstract/publishahead/Open_and_Laparoscopic_Donor_Nephrectomy_Activity.99871.aspx
41. **NR Brook**, N Gibbons, DW Johnson, DL Nicol. Outcomes of transplants from patients with small renal tumours, live unrelated donors and dialysis wait listed patients. **Transplant International** 2010; 23(5): 476-483. <http://www3.interscience.wiley.com/journal/123207816/abstract>
42. **NR Brook**, DL Nicol, DW Johnson. Outcomes from Transplantation of Kidneys with Excised Small Renal Tumours: a Comparison with Case-Matched Cadaveric Kidney Recipients. **Submitted to ANZJSurg.**
43. Y Johari, **NR Brook**, W Ismail, ML Nicholson. Live donor nephrectomy in the UK: The laparoscopic approach is standard. Submitted to **British Journal of Surgery**.
44. Rogers NM, Eng HS, Yu R, Kireta S, Tsiopelas E, Bennett GD, **Brook NR**, Gillis D, Russ GR, Toby Coates P. Desensitization for renal transplantation: depletion of donor-specific anti-HLA antibodies, preservation of memory antibodies, and clinical risks. *Transpl Int*. 2010

BOOK CHAPTERS

1. **NR Brook**, ML Nicholson. Developments in Live Donor Renal Transplantation. *In* Taylor I, Johnson C, eds. *Recent Advances in Surgery*, Vol. 28. London: Royal Society of Medicine Press Ltd, 2005. pp. 191-208.
2. **NR Brook**, ML Nicholson. Access for Renal Replacement Therapy. *In* Morris PJ, Knechtle SJ, eds. *Kidney Transplantation: Principles and Practice*, 6th Edition. Elsevier, Philadelphia PA, 2008.
3. **NR Brook**, ML Nicholson. Renal Transplant Surgery. *In* Feehally J, Floege J, Johnson R, eds. *Comprehensive Clinical Nephrology*, 3rd Edition. Harcourt, London, 2007.
4. **NR Brook**, **ML Nicholson**. The Live Donor. *In* Torpey N (ed). *The Oxford Handbook of Renal Transplantation*. Oxford University Press. 2010. ISBN: 9780199215669
5. **NR Brook**, **ML Nicholson** Vascular access surgery. *In* Torpey N (ed). *The Oxford Handbook of Renal Transplantation*. Oxford University Press. 2010. ISBN: 9780199215669
6. A Barlow, **NR Brook**, ML Nicholson. Renal Transplant Surgery. *In* Jürgen Floege, Richard J. Johnson, and John Feehally eds. *COMPREHENSIVE CLINICAL NEPHROLOGY*, Fourth Edition. Harcourt, London, 2010

NON-PEER-REVIEWED ARTICLES

2. **NR Brook**. Author's response to correspondence relating to *The balance between service and training*. *Ann R Coll Surg Eng* 2002; 84(Suppl):142
3. **NR Brook**, SA White, PS Veitch, ML Nicholson. Career Focus: Renal transplantation surgery.

4. **NR Brook**, D Ridgway, SA White, ML Nicholson. Transplant surgery: a changing speciality. *Student BMJ* 2002; 10:66-67.
 5. **NR Brook**, SA White, ML Nicholson. Selected Internet Viewings: Anatomy. *Ann R Coll Surg Engl* 2002; 84(3):217
 6. **NR Brook**, ML Nicholson. Research funding on the internet. *Ann R Coll Surg Engl* 2002; 84(6):442
 7. **NR Brook**. Living kidney donation study. *UK Transplant Bulletin* 48: p12, 2003
 8. **NR Brook**, ML Nicholson. The practice of live donor nephrectomy in the UK and Ireland. *Transplant Topics*. June 2004; 16:1-5.
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PUBLISHED ABSTRACTS

1. **NR Brook**, JR Waller, SA White, ML Nicholson. Live donor nephrectomy: A survey of current practice in the UK and Ireland. *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):185.
2. JR Waller, AC Richardson, MS Metcalfe, **NR Brook**, MA Gok, R Chang, G Koffman, P Andrews, D Talbot, C Rudge, JA Bradley, ML Nicholson. A multicentre analysis of the results of kidney transplantation from non-heart-beating donors in the UK. *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):39.
3. JR Waller, **NR Brook**, G Lewis, J Thompson, PS Veitch, ML Nicholson. A prospective comparison of open and laparoscopic live donor nephrectomy. *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):38
4. JR Waller, GR Bicknell, **NR Brook**, ML Nicholson. Preferential synergism of sirolimus and FK506 compared to its combination with Neoral in the development of intimal hyperplasia. *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):18.
5. JR Waller, G Murphy, GR Bicknell, S Margolin, **NR Brook**, ML Nicholson. Pirfenidone: Treatment for allograft vasculopathy? *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):18.
6. JR Waller, **NR Brook**, G Lewis, J Thomson, PS Veitch, ML Nicholson. A prospective randomised trial of laparoscopic and open live donor nephrectomy: effects on post-operative respiratory function. *Nephrology Dialysis Transplantation* 2002; 17(Suppl 1):185.
7. JR Waller, CJ Pattenden, **NR Brook**, D Ridgway, SA White, PS Veitch, ML Nicholson. A prospective randomised controlled trial of laparoscopic and open live donor nephrectomy: effects on post-operative respiratory function. *Transplantation* 2002; 74(4): 439.
8. **NR Brook**, JR Waller, EA O'Leary, AJ Knight, SA White, ML Nicholson. Nitric oxide and renal warm ischaemic injury: An investigation using pulsatile machine perfusion. *Transplantation* 2002; 74(4): 385.
9. DM Ridgway, SA White, RM Kimber, **NR Brook**, G Lewis, SM Swift, ML Nicholson. Why are we not getting the donor pancreas for clinical islet transplantation? *British Journal of Surgery* 2003; 90(S1):21
10. RM Sandford, JC Bains, SA Hosgood, **NR Brook**, GRR Lewis, ML Nicholson. A comparison of renal allograft fibrosis following transplantation from heart beating and non-heart beating donors. *British Journal of Surgery* 2003; 90(S1):21
11. **NR Brook**, MS Metcalfe, S Jain, GR Bicknell, ML Nicholson. A randomised controlled trial of

mycophenolate mofetil versus azathioprine as calcineurin inhibitor sparing agents in the treatment of chronic allograft nephropathy. *British Journal of Surgery* 2003; 90(S1):22

12. SA Hosgood, MS Metcalfe, **NR Brook**, JR Waller, ML Nicholson. Comparison of porcine renal transplant preservation by static ice storage and hypothermic pulsatile machine perfusion. *British Journal of Surgery* 2003; 90(S1):23
13. GRR Lewis, **NR Brook**, K Mulchay, PS Veitch, ML Nicholson. A prospective study of the predictive power of spiral CT angiography in delineating renal vascular anatomy for live renal donors. *British Journal of Surgery* 2003; 90(S1):32
14. JR Waller, AC Richardson, **NR Brook**, ML Nicholson. Renal transplantation from non-heart-beating donors: Leicester supports government proposals for the expansion of further non-heart-beating centres. *British Journal of Surgery* 2003; 90(S1):54
15. **NR Brook**, JR Waller, GRR Lewis, PS Veitch, ML Nicholson. Live donor nephrectomy: compliance with new national guidelines. *British Journal of Surgery* 2003; 90(S1):55
16. GRR Lewis, **NR Brook**, JR Waller, SA White, PS Veitch, ML Nicholson. Laparoscopic live donor nephrectomy: the first forty cases from a single centre. *British Journal of Surgery* 2003; 90(S1):55
17. GRR Lewis, SA White, JR Waller, **NR Brook**, D Ridgway, PS Veitch, ML Nicholson . A prospective comparison of post-operative respiratory function following laparoscopic and open live donor nephrectomy. *British Journal of Surgery* 2003; 90(S1):148
18. **NR Brook**, JR Waller, B Yang, SJ Marjolin, PN Furness, GR Bicknell, ML Nicholson. The new antifibrotic agent pirfenidone reduces cyclosporine and tacrolimus induced nephrotoxicity in a salt-depleted model of renal fibrosis. *British Journal of Surgery* 2003; 90(S1):148
19. JR Waller, AC Richardson, **NR Brook**, ML Nicholson. Renal Transplantation from non-heart beating donors: a report of one hundred and three patients from a single centre. *Am J Transplant* 2003; 3(Suppl 5):177
20. **NR Brook**, JR Waller, B Yang, SJ Margloin, SA Hosgood, GR Bicknell, ML Nicholson. Pirfenidone attenuates renal fibrosis in a model of calcineurin-inhibitor nephrotoxicity. *Am J Transplant* 2003; 3(Suppl 5):260
21. **NR Brook**, JR Waller, B Yang, PN Furness, GR Bicknell, ML Nicholson. Cyclosporine and rapamycin dose adjustment alters fibrosis-associated gene expression in a model of immunosuppressant-induced kidney damage. *Am J Transplant* 2003; 3(Suppl 5):261
22. **NR Brook**, GR Lewis, K Mulchay, PS Veitch, ML Nicholson. A retrospective study of the predictive power of CT angiography in delineating renal vascular anatomy for live donor nephrectomy. *Am J Transplant* 2003; 3(Suppl 5):494
23. JR Waller, **NR Brook**, AC Richardson, ML Nicholson. Renal transplantation from non-heart-beating donors: Leicester supports government proposals for the expansion of further non-heart beating centres. *Nephrology Dialysis Transplantation* 2003; 18(4):238
24. GRR Lewis, JR Waller, **NR Brook**, SA White, PS Veitch, ML Nicholson. Laparoscopic live donor nephrectomy: The first forty cases from a single centre. *Nephrology Dialysis Transplantation* 2003; 18(4):245
25. **NR Brook**, SA Hosgood, ML Nicholson. Prolonged normothermic ex-vivo kidney perfusion with autologous blood. *Nephrology Dialysis Transplantation* 2003; 18(4):245
26. **NR Brook**, JR Waller, S White, A Knight, ML Nicholson. The predictive nature of intrarenal resistance during machine perfusion after cold and warm ischaemic damage. *Nephrology Dialysis Transplantation* 2003; 18(4):245
27. GRR Lewis, **NR Brook**, K Mulchay, PS Veitch, ML Nicholson. A prospective study of the predictive power of spiral CT angiography in delineating renal vascular anatomy for live donor

28. **NR Brook**, JR Waller, GR Bicknell, S Margolin, ML Nicholson. Pro-fibrotic gene expression and markers of nephrotoxicity are reduced by the new agent pirfenidone in a rat model of calcineurin-inhibitor renal dysfunction. *Nephrology Dialysis Transplantation* 2003; 18(4):482
29. JR Waller, **NR Brook**, ML Nicholson. Mycophenolate mofetil inhibits intimal hyperplasia and attenuates the expression of genes favouring smooth muscle cell proliferation and migration. *Nephrology Dialysis Transplantation* 2003; 18(4):489
30. **NR Brook**, JR Waller, GR Bicknell, B Yang, ML Nicholson. Cyclosporine and rapamycin act in a synergistic and dose dependent manner in a model of immunosuppressant-induced kidney damage. *Nephrology Dialysis Transplantation* 2003; 18(4):490
31. JR Waller, **NR Brook**, GR Bicknell, RJ Sandford, ML Nicholson. Differential effects of rapamycin, tacrolimus and cyclosporin on the development of intimal hyperplasia. *Br J Surg* 2003; 90:607
32. GRR Lewis, SA White, JR Waller, **NR Brook**, D Ridgway, PS Veitch, ML Nicholson. A prospective comparison of post-operative respiratory function following laparoscopic and open live donor nephrectomy. *Br J Surg* 2003; 90:609
33. JR Waller, **NR Brook**, AC Richardson, Sudhindran, MA Gok, R Chang, G Koffman, P Andrews, D Talbot, C Rudge, JA Bradley, ML Nicholson. A multicentre analysis of the results of kidney transplantation from non heart-beating donors in the UK. *Br J Surg* 2003; 90:614
34. JR Waller **NR Brook**, MS Metcalfe, GR Bicknell, SB Margolin, ML Nicholson. Pirfenidone – a novel pharmacological approach to the prevention of allograft vasculopathy? *Br J Surg* 2003; 90:629
35. **NR Brook**, GRR Lewis, JR Waller, J Bains, R Elwell, PS Veitch, ML Nicholson. A consecutive series of 70 laparoscopic live donor nephrectomies demonstrating the safety of this new operation. *Br J Surg* 2004: 91 (Suppl 1); 55
36. **NR Brook**, GRR Lewis, JR Waller, J Bains, R Elwell, PS Veitch, ML Nicholson. Randomised controlled trial of open vs. laparoscopic live donor nephrectomy. *Br J Surg* 2004: 91 (Suppl 1); 56
37. **NR Brook**, GRR Lewis, JR Waller, J Bains, R Elwell, PS Veitch, ML Nicholson. Prospective randomised trial of laparoscopic vs. open live donor nephrectomy: a comparison of postoperative respiratory function. *Br J Surg* 2004: 91 (Suppl 1); 56
38. **NR Brook**, GRR Lewis, JR Waller, J Bains, R Elwell, PS Veitch, ML Nicholson. Laparoscopic donor nephrectomy yields kidneys that are structurally and functionally equivalent to those procured by open surgery: results of a randomised trial. *Br J Surg* 2004: 91 (Suppl 1); 65
39. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. Tacrolimus decreases, cyclosporine increases and rapamycin has no effect on profibrotic gene mRNA expression in renal tissue. *Br J Surg* 2004: 91 (Suppl 1); 66
40. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. The novel agent pirfenidone attenuates the profibrotic molecular environment generated by calcineurin-inhibitors in the rat salt-depletion model. *Br J Surg* 2004: 91 (Suppl 1); 126
41. **NR Brook**, ML Nicholson. Alterations in practice of open and laparoscopic live donor nephrectomy at renal transplant centres in the UK and Ireland. *Br J Surg* 2004: 91 (Suppl 1); 126
42. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. Tacrolimus decreases, cyclosporine increases, and rapamycin has no effect on profibrotic gene expression in renal tissue. *Am J Transplant* 2004: 4(Suppl 8);191
43. **NR Brook**, JR Waller, B Yang, PN Furness, GR Bicknell, ML Nicholson. The new

immunosuppressant rapamycin acts in a dose dependent manner to reduce cyclosporine induced kidney damage. *Am J Transplant* 2004; 4(Suppl 8); 192

44. JR Waller, **NR Brook**, ML Nicholson. Mycophenolate mofetil inhibits intimal hyperplasia and attenuates the expression of genes favouring smooth muscle cell proliferation and migration. *Am J Transplant* 2004; 4(Suppl 8); 460
45. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. The novel agent pirfenidone attenuates the pro-fibrotic molecular environment generated by calcineurin inhibitors in the rat salt-depletion model. *Am J Transplant* 2004; 4(Suppl 8); 461
46. **NR Brook**, MS Metcalfe, JR Waller, S Jain, SA Hosgood, ML Nicholson. A prospective randomised trial of mycophenolate mofetil and azathioprine after calcineurin reduction in renal allografts with established chronic allograft nephropathy. *Am J Transplant* 2004; 4(Suppl 8); 485
47. **NR Brook**, GRR Lewis, JR Waller, JC Bains, PS Veitch, ML Nicholson. Laparoscopic donor nephrectomy yields kidneys that are structurally and functionally equivalent to those procured by open surgery – results of a randomised trial. *Am J Transplant* 2004; 4(Suppl 8); 488
48. G Lewis, J Bains, **NR Brook**, JR Waller, S Harper, R Elwell, PS Veitch, ML Nicholson. Prospective randomised trial of laparoscopic versus open live donor nephrectomy: A comparison of post-operative respiratory function. *Transplantation* 2004; 78(Suppl 2); 87
49. A Bagul, **NR Brook**, MS Metcalfe, A Tweed, ML Nicholson. A comparison of quality of life after cadaveric, non-heart-beating and live kidney donation. *Transplantation* 2004; 78(Suppl 2); 232
50. R Elwell, **NR Brook**, ML Nicholson. Alterations in the practice of open and laparoscopic live donor nephrectomy at renal transplant centres in the UK and Ireland. *Transplantation* 2004; 78(Suppl 2); 243
51. ML Nicholson, **NR Brook**, GR Lewis, J Bains, JR Waller, S Harper, R Elwell, PS Veitch. Randomised controlled trial of open versus laparoscopic live donor nephrectomy. *Transplantation* 2004; 78(Suppl 2); 244
52. ML Nicholson, **NR Brook**, GRR Lewis, J Bains, JR Waller, S Harper, R Elwell, PS Veitch. A consecutive series of 70 live donor nephrectomies demonstrating the safety of this new operation. *Transplantation* 2004; 78(Suppl 2); 244
53. **NR Brook**, GR Lewis, JR Waller, JC Bains, S Harper, R Elwell, PS Veitch, ML Nicholson. Laparoscopic donor nephrectomy yields kidneys that are structurally and functionally equivalent to those procured by open surgery – results of a randomised trial. *Transplantation* 2004; 78(Suppl 2); 244
54. CH Wilson, **NR Brook**, MA Gok, A Gupta, JF Asher, ML Nicholson, D Talbot. A randomised controlled trial of daclizumab to reduce the incidence of delayed graft function in recipients of non-heart-beating renal grafts. *Transplantation* 2004; 78(Suppl 2); 466
55. TJ Kidd, R Elwell, GRR Lewis, **NR Brook**, Nicholson ML. Quality of life after kidney donation: a comparison of laparoscopic and open nephrectomy. *Transplantation* 2004; 78(Suppl 2); 507
56. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. Prograf produces a molecular environment favouring antifibrosis, an effect reversed by the addition of rapamune. *Transplantation* 2004; 78(Suppl 2); 624
57. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson. The novel antifibrotic agent pirfenidone attenuates the profibrotic environment generated by calcineurin-inhibitors in the rat salt-depletion model. *Transplantation* 2004; 78(Suppl 2); 624
58. JR Waller, **NR Brook**, GR Bicknell, ML Nicholson. Cyclosporine and rapamycin act in a synergistic and dose-dependent manner in a model of immunosuppressant-induced kidney damage. *Transplantation* 2004; 78(Suppl 2); 624-5

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59. JR Waller, **NR Brook**, ML Nicholson. Mycophenolate mofetil inhibits intimal hyperplasia and attenuates the expression of genes favouring smooth muscle cell proliferation and migration. *Transplantation* 2004; 78(Suppl 2): 625
 60. GR Bicknell, **NR Brook**, JR Waller, ML Nicholson. Tacrolimus decreases, cyclosporine increases, and rapamycin has no effect on profibrotic gene mRNA expression in renal tissue. *Transplantation* 2004; 78(Suppl 2): 625
 61. I Au-Yong, **NR Brook**, JR Waller, ML Nicholson. The addition of mycophenolate and/or basiliximab to calcineurin inhibitor immunosuppression reduces the high risk of acute rejection in live donor transplants. *Transplantation* 2004; 78(Suppl 2): 714
 62. **NR Brook**, I Au-Yong, ML Nicholson. The addition of mycophenolate and/or basiliximab to calcineurin inhibitor immunosuppression reduces the high risk of acute rejection in live donor transplants. *Br J Surg* 2005; 92(Suppl1): 73
 63. **NR Brook**, T Kidd, R Elwell, ML Nicholson. Quality of life after live kidney donation: a comparison of open and laparoscopic nephrectomy. *Br J Surg* 2005; 92(Suppl1): 74
 64. **NR Brook**, R Elwell, GRR Lewis, JR Waller, ML Nicholson. Laparoscopic nephrectomy should now be the gold standard in live kidney donation: results of a randomized controlled trial. *Br J Surg* 2005; 92(Suppl1): 132
 65. **NR Brook**, GRR Lewis, R Elwell, ML Nicholson. A randomised trial of open versus laparoscopic live donor nephrectomy. *BJU International* 2005; 95(Suppl 5): 8
 66. Kara J McDermott, Luc Delriviere, Bulang He, Andrew Mitchell, Wai Lim, **Nicholas R Brook**, David W Johnson. A Source for over 3000 Additional Kidney Transplants per year in the US. Submitted to the ATC, 2011

PRESENTATIONS

Surgical SHO Training: is it working? **NR Brook**

- Invited Speaker at The Royal College of Surgeons of England Roadshow Nottingham June 2001 and Chester July 2001

Ureteric stenosis after renal transplantation: no effect of acute rejection or immunosuppression.

NR Brook, JR Waller, CJ Pattenden, ML Nicholson

- Poster presentation at the 5th International Congress on New Trends in Immunosuppression, Geneva. February 2002

Pirfenidone inhibits early myointimal proliferation but has no effect on late lesion size in rats.

NR Brook, JR Waller, GJ Murphy, M Metcalfe, SB Margolin, ML Nicholson.

- Oral presentation at the 5th International Congress on New Trends in Immunosuppression, Geneva. February 2002.
- Poster presentation at the 39th ERA-EDTA Congress, Copenhagen. July 2002.
- Oral Presentation at The Society of Academic and Research Surgery, Leeds. January 2003

The synergistic effects of rapamycin and tacrolimus are preferential to its combination with cyclosporine in the development of intimal hyperplasia.

NR Brook, JR Waller, GR Bicknell, ML Nicholson

- Oral presentation at the 5th International Congress on New Trends in Immunosuppression, Geneva. February 2002.

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- Oral presentation at the 39th ERA-EDTA Congress. Copenhagen. July 2002.
 - Oral presentation at The XIX International Congress of The Transplantation Society, Miami. August 2002.

Nitric oxide and renal warm ischaemic injury: An investigation using pulsatile machine perfusion.

NR Brook, EA O'Leary, AJ Knight, SA White, ML Nicholson.

- Poster presentation at The British Transplant Society 5th Annual Congress, Cambridge. April 2002
- Poster Presentation at The XIX International Congress of The Transplantation Society, Miami. August 2002
- Poster presentation at the 11th ESOT Congress, Venice. September 2003.

A prospective randomised trial of laparoscopic and open live donor nephrectomy: effects on post-operative respiratory function. JR Waller, **NR Brook**, D Ridgway, SA White, PS Veitch, ML Nicholson.

- Poster presentation at The British Transplant Society 5th Annual Congress, Cambridge. April 2002
- Poster presentation at The XIX International Congress of The Transplantation Society, Miami. August 2002.

Live donor nephrectomy: a survey of current practice in the UK and Ireland.

NR Brook, JR Waller, SA White, ML Nicholson

- Poster Presentation at the 39th ERA-EDTA Congress, Copenhagen. July 2002.
- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003
- Oral presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Poster presentation at the 11th ESOT Congress, Venice. September 2003

Live donor nephrectomy: compliance with new national guidelines.

NR Brook, JR Waller, GR Lewis, PS Veitch, ML Nicholson.

- Poster presentation at the 11th ESOT congress, Venice. September 2003.

Alterations in the practice of live donor nephrectomy at renal transplant centres in the UK and Ireland.

NR Brook, ML Nicholson.

- Oral poster presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.

A multicentre analysis of the results of kidney transplantation from non-heart-beating donors in the UK.

NR Brook, JR Waller, AC Richardson, MS Metcalfe, MA Gok, R Chang, G Koffman, P Andrews, D Talbot, C Rudge, JA Bradley, ML Nicholson

- Oral Presentation at the 39th ERA-EDTA Congress, Copenhagen. July 2002.
- Poster Presentation at The Society of Academic and Research Surgery, Leeds. January 2003.
- Oral presentation at The XIX International Congress of The Transplantation Society, Miami. August 2002.
- Oral presentation at the 11th ESOT Congress, Venice. September 2003.

A prospective comparison of open and laparoscopic live donor nephrectomy.

JR Waller, **NR Brook**, GR Lewis, J Thompson, PS Veitch, ML Nicholson

- Oral presentation at the 39th ERA-EDTA Congress, Copenhagen. July 2002.
- Oral presentation at the 11th ESOT Congress, Venice. September 2003.

A prospective randomised controlled trial of laparoscopic and open live donor nephrectomy: effects on post-operative respiratory function.

JR Waller, **NR Brook**, GR Lewis, J Thomson, PS Veitch, ML Nicholson

-
- Poster presentation at the 39th ERA-EDTA Congress, Copenhagen. July 2002.

A prospective comparison of post-operative respiratory function following laparoscopic and open live donor nephrectomy.

GRR Lewis, SA White, JR Waller, **NR Brook**, D Ridgway, PS Veitch, ML Nicholson

- Poster presentation at The Society of Academic and Research Surgery, Leeds. January 2003.
- Poster presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Poster presentation at the 11th ESOT congress, Venice. September 2003.

Differential effects of cyclosporine, FK506 and sirolimus on the development of intimal hyperplasia. JR Waller, GJ Murphy, **NR Brook**, GR Bicknell, SB Margolin, ML Nicholson

- Poster presentation at The Society of Academic and Research Surgery, Leeds. January 2003.

Why are we not getting the donor pancreas for clinical islet transplantation?

SA White, RM Kimber, DM Ridgway, **NR Brook**, GR Lewis, SM Swift, ML Nicholson

- Poster presentation at the Annual Meeting of the Artificial Insulin Delivery, Pancreas and Islet Transplantation Study Group, Igles. January 2003.
- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Oral presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Oral presentation at The 11th ESOT Congress, Venice. September 2003.

The anti-fibrotic agent pirfenidone reduces cyclosporine and tacrolimus induced nephrotoxicity in a salt-depleted model of renal fibrosis.

NR Brook, JR Waller, B Yang, SJ Marjolin, PN Furness, GR Bicknell, ML Nicholson

- Oral presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Poster presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Poster presentation at the American Transplant Congress Meeting, Washington DC, May 30th-June 4th 2003.
- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.
- Oral presentation at the 11th ESOT Congress, Venice. September 2003.
- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
- Poster presentation at the American Transplant Congress, Boston. May 2004.
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004

Renal transplantation from non-heart-beating donors: Leicester supports government proposals for the expansion of further non-heart-beating centres. JR Waller, AC Richardson, **NR Brook**, ML Nicholson

- Oral presentation (Medawar Medal Plenary Session) at the British Transplantation Society Annual Congress, London. April 2003.
- Oral presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Oral presentation at the World Congress of Nephrology, Berlin. June 2003.
- Oral presentation at the 11th ESOT congress, Venice. September 2003.

Cyclosporine and rapamycin act in a synergistic and dose-dependent manner in a model of immunosuppressant-induced kidney damage.

NR Brook, JR Waller, B Yang, PN Furness, GR Bicknell, ML Nicholson

- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Poster presentation at the American Transplant Congress Meeting, Washington DC. May 30th-June 4th 2003.
- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.

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- Poster presentation at the 11th ESOT Congress, Venice. September 2003.
 - Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
 - Poster presentation at the American Transplant Congress, Boston. May 2004.

Laparoscopic live donor nephrectomy: the first forty cases from a single centre.

GRR Lewis, **NR Brook**, JR Waller, SA White, PS Veitch, ML Nicholson

- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Poster presentation at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.
- Poster presentation at the 11th ESOT congress, Venice. September 2003.

A prospective study of the predictive power of spiral CT angiography in delineating renal vascular anatomy for live donor nephrectomy. GR Lewis, **NR Brook**, K Mulchy, PS Veitch, ML Nicholson

- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Oral presentation (Moynihan Prize session) at The Association of Surgeons of Great Britain and Ireland, Manchester. May 2003.
- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.
- Poster presentation at the American Transplant Congress Meeting, Washington DC. May 30th-June 4th 2003
- Poster presentation at The 11th ESOT Congress, Venice. September 2003.

The predictive nature of intra-renal resistance during machine perfusion after warm and cold ischaemic damage. **NR Brook**, JR Waller, GR Lewis, AJ Knight, ML Nicholson

- Oral presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.
- Poster presentation at the 11th ESOT Congress, Venice. September 2003.

Counting the cost of clinical grade human islets.

SM Swift, NJ Searce, EL Simpson, DM Ridgway, **NR Brook**, GRR Lewis, SA White, ML Nicholson

- Poster presentation at the British Transplantation Society Annual Congress, London. April 2003.
- Poster presentation at the 11th ESOT congress, Venice. September 2003.

A randomised trial of mycophenolate mofetil versus azathioprine as calcineurin inhibitor sparing agents in the treatment of chronic allograft nephropathy.

NR Brook, MS Metcalfe, S Jain, GR Bicknell, ML Nicholson

- Oral presentation at The Association of Surgeons of Great Britain and Ireland, Manchester, May 2003.
- Poster presentation at the American Transplant Congress, Boston. May 2004.
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004
- Oral presentation at the Renal Association/BTS Joint Congress. Belfast, April 2005

A comparison of renal allograft fibrosis following transplantation from heart beating and non-heart beating donors. JC Bains, RM Sandford, SA Hosgood, **NR Brook**, GR Lewis, ML Nicholson

- Oral presentation at The Association of Surgeons of Great Britain and Ireland, 2003, Manchester. May 2003.

Comparison of porcine renal transplant preservation by static ice storage and hypothermic pulsatile machine perfusion. SA Hosgood, MS Metcalfe, **NR Brook**, JR Waller, ML Nicholson

- Oral presentation at The Association of Surgeons of Great Britain and Ireland, 2003, Manchester. May 2003.

Renal transplantation from non-heart-beating donors: a report of one hundred and three patients from a single centre. **NR Brook**, JR Waller, AC Richardson, ML Nicholson

- Oral presentation at the American Transplant Congress Meeting, Washington DC. May 30th-June 4th 2003.
- Oral presentation at the 11th ESOT Congress, Venice. September 2003

Mycophenolate mofetil inhibits intimal hyperplasia and attenuates the expression of genes favouring smooth muscle cell proliferation and migration. JR Waller, **NR Brook**, ML Nicholson

- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.
- Oral presentation at the 11th ESOT Congress, Venice. September 2003
- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
- Poster presentation at the American Transplant Congress, Boston. May 2004.
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004

Prolonged normothermic ex-vivo kidney perfusion with autologous blood.
NR Brook, JR Waller, SA Hosgood, ML Nicholson.

- Poster presentation at the World Congress of Nephrology, Berlin. June 2003.

The high risk of acute rejection in HLA DR mismatched live donor renal transplants is reduced by the addition of mycophenolate or basiliximab to calcineurin inhibitor based immunosuppression.

NR Brook, I Au Yong, GRR Lewis, ML Nicholson

- Poster presentation at the 11th ESOT Congress, Venice. September 2003.
- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004
- Poster presentation at the Association of Surgeons of Great Britain and Ireland, Glasgow 2005
- Poster presentation at the Renal Association/BTS Joint Congress. Belfast, April 2005

Evaluation of daclizumab to reduce delayed graft function in non-heartbeating renal transplantation.
CH Wilson, **NR Brook**, MA Gok, AJ Gupta, ML Nicholson, D Talbot

- Oral presentation at the 7th Congress of the International Society for Organ Donation and Procurement, Warsaw. November – December 2003.
- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 2004.
- Oral presentation (Medawar medal plenary session) at The British Transplantation Society 7th Annual congress, Birmingham. April 2004
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004

Tacrolimus decreases, cyclosporine increases and rapamycin has no effect on profibrotic gene mRNA expression in renal tissue. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson

- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
- Poster presentation at the American Transplant Congress, Boston. May 2004.
- Oral presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.
- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004
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Prograf produces a molecular environment favouring antifibrosis, an effect reversed by the addition of rapamune. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson

-
- Poster presentation at the 6th International Congress on New Trends in Clinical and Experimental Immunosuppression, Salzburg. February 5th – 8th 2004.
 - Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004
 - Poster presentation at the Renal Association/BTS Joint Congress. Belfast, April 2005

Laparoscopic donor nephrectomy yields kidneys that are structurally and functionally equivalent to those procured by open surgery – results of a randomised trial. **NR Brook**

- Poster presentation at the American Transplant Congress, Boston. May 2004.
- Oral presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.
- Poster presentation at the XXth International Congress of The Transplantation Society. September 2004, Vienna.
- Oral presentation at the Association of Laparoscopic Surgeons of Great Britain and Ireland. Annual Scientific Meeting. Liverpool, Nov. 2004.

Randomised controlled trial of open versus laparoscopic live donor nephrectomy.

NR Brook, GR Lewis, JR Waller, PS Veitch, ML Nicholson.

- Oral presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.
- Oral presentation (Medawar Medal prize session) at the Renal Association/BTS Joint Congress. Belfast, April 2005
- Oral presentation at The British Association of Urological Surgeons Annual Scientific Meeting. Glasgow, June 2005.
- Poster presentation at the 12th ESOT Congress. Geneva, October 2005

Prospective randomised trial of laparoscopic versus open live donor nephrectomy; a comparison of post-operative respiratory function. **NR Brook**, GR Lewis, JR Waller, PS Veitch, ML Nicholson.

- Oral presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.

A consecutive series of 70 laparoscopic live donor nephrectomies demonstrating the safety of this new operation. **NR Brook**, GR Lewis, JR Waller, PS Veitch, ML Nicholson.

- Oral presentation at The Association of Surgeons of Great Britain and Ireland (Harrogate 2004) meeting.
- Poster presentation at the XXth International Congress of The Transplantation Society. September 2004, Vienna.
- Oral presentation at the Association of Laparoscopic Surgeons of Great Britain and Ireland. Annual Scientific Meeting. Liverpool, Nov. 2004.

Laparoscopic nephrectomy should now be the gold standard in live kidney donation: results of a randomised controlled trial. **NR Brook**, GR Lewis, JR Waller, PS Veitch, ML Nicholson.

- Oral presentation at the Association of Surgeons of Great Britain and Ireland. Glasgow, 2005

Quality of life after live kidney donation: a comparison of open and laparoscopic nephrectomy. **NR Brook**, GR Lewis, JR Waller, PS Veitch, ML Nicholson.

- Poster presentation at the Association of Surgeons of Great Britain and Ireland. Glasgow, 2005

Rapamycin acts in a dose-dependent manner to reduce cyclosporine-induced kidney damage. **NR Brook**, JR Waller, GR Bicknell, ML Nicholson.

- Poster presentation at the 3rd International Congress on Immunosuppression. San Diego, December 2004

Postoperative complication profile and donor recovery rates in a consecutive series of 90 laparoscopic live donor nephrectomies. M Kaushik, **NR Brook**, SJF Harper, M Kay, A Bagul, R Elwell, ML Nicholson.

- Poster presentation at the Renal Association/BTS Joint Congress. Belfast, April 2005
- Poster presentation at the 12th ESOT Congress. Geneva, October 2005

Comparison of right and left laparoscopic live donor nephrectomy. MD Kay, **NR Brook**, M Kaushik, SJ Harper, A Bagul, ML Nicholson.

- Poster presentation at the Renal Association/BTS Joint Congress. Belfast, April 2005
- Poster presentation at the 12th ESOT Congress. Geneva, October 2005

High-grade prostate cancer – A review of decision-making. **NR Brook**, B Bi, RC Kockelbergh, TRL Griffiths.

- Poster presentation at the British Prostate Group Meeting. York, April 2005

Technical and training challenges in laparoscopic donor nephrectomy.

- Invited presentation to the Carrel Club Annual Meeting. Birmingham, November 2005.

Postoperative Complication Profile And Donor Recovery Rates In A Consecutive Series Of 115 Laparoscopic Live Donor Nephrectomies

M Kaushik, **NR Brook**, SJF Harper, MD Kay, A Bagul, R Elwell and ML Nicholson

- Poster presentation at the Association of Surgeons of Great Britain and Ireland. 2006

Prostate Cancer. Invited presentation to the Round Table. Nottingham. 5th September 2006.

Surgical Training – A View from the Front. Invited presentation to Year 3 at Leicester Warwick Medical School.

Laparoscopic Urology – Invited presentation at the Perioperative Advanced Laparoscopic Skills Course. Queensland Health Skills Development Centre. August 2008.

Local Recurrences, Metachronous Contralateral and Metastatic Disease Following Definitive Surgery for Renal Cell Cancer – The Princess Alexandra Hospital Experience Clubb AB, **Brook NR**, Peters P, Nicol DL

Oral Presentation at the Northern Section Urology Annual Meeting - Salt Peppers Resort, Gold Coast 17-19th Oct 2008

Oral Presentation at the Urological Society of Australia and New Zealand Annual Scientific Meeting 2009, Gold Coast, 7th-12th March 2009

Current Status of Live Kidney Donation. Invited presentation to the South Australia DonateLife Leadership Forum, Feb 2011

Feasibility and Tolerability of Stereotactic Radiosurgery for Primary Renal Cell Carcinoma: Early Findings of the FASTRACK Pilot Study – Best of the Best Podium Presentation, USANZ Annual Scientific Meeting, Melbourne April 2013.

Renal Trauma Management in the New Millennium –

Poster Presentation , USANZ Annual Scientific Meeting, Melbourne April 2013. R Catterwell, M Sparnon, D Clifford, NR Brook
Oral Presentation, SA/NT Section Meeting, Port Lincoln, October 2012. R Catterwell, M Sparnon, D Clifford, NR Brook

PROFESSIONAL DEVELOPMENT AND EDUCATION

Basic Surgical Skills – St. Mary's Hospital, 1998

Advanced Trauma Life Support – Bedford, 1998

Advanced Life Support – King's College Hospital, 1998

Paediatric Advanced Life Support – Northwick Park Hospital, 1998

Northwick Park Radiology Course, 1998

Anatomy of Common Surgical Approaches Queens Medical Centre, 2000

Annual Meeting of the Biochemical Society

Glasgow June 1992, Delegate

The Emerging role of Sirolimus. Wyeth Transplant Symposium, London November 2001. Delegate (drug company symposium)

The 4th Basic Multidisciplinary Haemodialysis Access Course. Vascular Access Society, Rome November 2001, Delegate

The UK Transplant Organ Retrieval Workshop. Edinburgh November 2001, Delegate

Redefining Expectations in Transplantation: Individualising Therapy for Patients

Brussels December 2001, Delegate (drug company symposium)

5th International Congress on New Trends in Immunosuppression.

February 2002 Geneva. Oral and poster presentations

Service and Training: an oxymoron? Association for the Study of Medical Education. London, February 2002. Delegate for The Royal College of Surgeons of England.

The British Transplantation Society 5th Annual Congress. Cambridge, April 2002. Poster presentation

2nd International Symposium on Sirolimus. Amsterdam, July 2002. Delegate

The 39th ERA-EDTA Congress. Copenhagen, July 2002. Oral and poster presentations

The XIX International Congress of the Transplantation Society. Miami, August 2002. Oral and poster presentations

The First European Meeting on Transplantation from Non-Heart-Beating Donors. London, September 2002. Delegate

The Society of Academic and Research Surgery. Leeds, January 2003. Oral and poster presentations

Annual Meeting of the Artificial Insulin Delivery, Pancreas and Islet Transplantation Study Group. Igles, Austria, January 2003. Poster presentation

The British Transplantation Society 6th Annual Congress. London, April 2003. Oral and Poster presentations

The Association of Surgeons of Great Britain and Ireland. Manchester, May 2003. Oral and poster presentations

The American Transplant Congress. Washington DC, June 2003. Oral and poster presentations

The World Nephrology Congress. Berlin, June 2003. Oral and poster presentations

The 11th Congress of the European Society for Organ Transplantation. Venice, September 2003. Oral and poster presentations

The Association of Surgeons of Great Britain and Ireland. Harrogate, April 2004. Oral and poster

presentations.

The American Transplant Congress. Boston, May 2004. Poster presentations

BAUS Section of Endourology 4th Annual Meeting. Manchester, Oct 2004. Delegate

Laser Surgery in Urology Derby City General Hospital. Nov 2004. Delegate

The Association of Laparoscopic Surgeons Liverpool, Nov 2004. Oral presentations

The Norman Tanner Prize Meeting, Section of Surgery, Royal Society of Medicine. Dec 2004. Oral Presentation.

Fundacio Puigvert Urological Endoscopy and Laparoscopy Training Course. Barcelona, Jan 2005. Delegate

The British Transplantation Society 8th Annual Congress. Belfast, April 2005. Oral and Poster presentations.

The British Association of Urological Surgeons Annual Scientific Meeting. Glasgow, June 2005. Oral presentation.

The Norman Tanner, MIA Prize and Hunterian Lecture Meeting, Section of Surgery, Royal Society of Medicine. Dec 2005.

The Trent Supranetwork Penile Education Meeting and MDT. 1st March 2006.

Hot Topics in Urology Education Programme. Leicester 29th-30th March 2006.

Laparoscopic Urology Surgery Masterclass. Elancourt, Paris, April 13th -14th 2006.

The British Association of Urological Surgeons Annual Scientific Meeting. Manchester, June 2006.

European Society of Oncological Urology 4th Annual Meeting. Paris, Jan 19th-21st 2007.

St Peter's State of the Art Urology Forum. Institute of Urology, London, March 7th – 9th 2007.

22nd International Congress of the Transplantation Society. Sydney. August 2008. Delegate.

American Transplant Congress, San Diego 2010, Delegate

American Urology Association Annual Meeting, San Francisco 2010. Delegate

TSANZ Annual Meeting 2010. Canberra. Delegate.

4th Triennial Best Practice workshop in Urological Oncology, Sydney 2010. Delegate.

Royal Australasian College of Surgeons. 80th Annual Scientific Congress. Adelaide 2011. Delegate

SAT SET Course. Royal Australasian College of Surgeons. Adelaide May 2011.

Keeping Trainees on Track Course Royal Australasian College of Surgeons. Adelaide May 2011.

Chair of Organ Procurement Session, Royal Australasian College of Surgeons. 80th Annual Scientific Congress. Adelaide 2011.

Clinical Oncology Society of Australia Annual Meeting. Perth Nov 2011. Delegate.

Clinicians Taking the Lead. Royal Adelaide Hospital Clinical Leaders Forum. Nov 2001

American Society of Clinical Oncology – Genitourinary Group Annual Meeting. San Francisco Feb

2012. Delegate.

National Bladder and Kidney Cancer Symposium, Melbourne, Feb 2012. Delegate

American Urology Association Annual Meeting – Atlanta 2012. Delegate.

Ultrasound-guided Transperineal Brachytherapy for Early Stage Prostate Cancer Course – Seattle 2012.

American Society of Clinical Oncology – Genitourinary Group Annual Meeting. Orlando, Feb 2013. Delegate.

Urological Society of Australia and New Zealand Annual Scientific Congress – Melbourne April 2013. Oral Presentation.

USANZ Neuro-urology Cadaveric Workshop. Melbourne, April 16th 2013. Participant.

American Urology Association Annual Meeting – San Diego 2013. Delegate.

AMS Urological Prosthetic Workshop, Los Angeles 2-3rd May 2013. Participant.
