

Professor James Burton (GMC number 6029135) BA(Hons), MBChB(Hons), DM, FRCP, FASN, FHEA	
Position(s)	Professor in Renal Medicine and Associate Dean for Research (Clinical), University of Leicester Honorary Consultant Nephrologist, Leicester Hospitals Honorary Clinical Professor of Renal Medicine, University of Loughborough Co-Chair Clinical Guidelines Committee, UK Kidney Association
Expertise	Cardiorenal and Chronic Kidney Disease, Dialysis, Clinical trials
Address	College of Life Sciences, Clinical Sciences Wing, Leicester Glenfield Hospital, Groby Road, Leicester, LE3 9QP, UK; and, University Hospitals of Leicester NHS Trust, Leicester, UK
Profession Registration	GMC Number 6029135 First appointed as Consultant in October 2012 (to present)
Selected Research Grants in the last 5 years	
<ul style="list-style-type: none"> British Heart Foundation 2020: NIGHTLIFE-CMR: A cardiac MRI sub-study Investigating the impact of in-centre nocturnal haemodialysis on cardiac structure and function. (£146,056, Co-applicant) Yakult Honsha Co Ltd 2020: Daily intake of Lactobacillus (LcS) modulates intestinal permeability and decreases. (£388,186, Lead applicant / Chief Investigator) National Institute of Health Research HTA Programme 2019: A randomised controlled trial comparing the effectiveness and cost effectiveness of thrice weekly, extended, in-centre nocturnal haemodialysis versus standard care using a mixed methods approach. (£2.13m, Lead applicant / Chief Investigator) Kidney Research UK 2019: Patient and Staff views and experiences of shared haemodialysis care and treatment in minimal care community centres. (£31,136, Lead applicant) British Heart Foundation 2019: Infrastructure grant. (£1m, Co-applicant) National Institute of Health Research, Research for Patient Benefit 2018: Evaluating the cost effectiveness of a programme of cycling exercise during dialysis (intradialytic cycling). (£78,157, Lead applicant) Baxter Healthcare Ltd 2018: Unrestricted research grant 'Improving patient choice and treatment accessibility through haemodialysis facilities in the community' (£30,000; Lead applicant) Kidney Research UK 2017: Validating the accuracy of novel, non-contrast, Cardiac magnetic resonance imaging in defining myocardial Fibrosis in patients with end-stage renal disease on haemodialysis: The CONFIRM study (£47,744; Lead applicant) 	
Evidence of International Standing and Trials Expertise	
<p><u>Awards & Distinctions:</u> Honorary Clinical Professor in Renal Medicine, School of Sport, Exercise and Health Sciences, University of Loughborough, 2018-; Visiting Professor, Nantong-Leicester Joint Institute of Kidney Science, Affiliated Hospital of Nantong University, China, 2018-; Royal College of Physicians, Future Hospitals Programme, June 2017; Finalist, Medipex NHS Innovation Awards 2015 & 2017;</p> <p><u>Trial Governance:</u> Chair, Data Safety Monitoring Committee NIHR funded ACCESS Study. Chair Trial Steering Committee Kidney BEAM and member of 2 others. Principle investigator of 13 current and completed clinical trials in last 5 years.</p> <p><u>Board Membership:</u> NIHR Efficacy Mechanisms Evaluation Committee 2022-; Kidney Research UK Research Grants Committee 2020-2023; UK Renal Trials Network 2018-; UK Kidney Week Organising Committee 2016-9; UK Renal Association Clinical Guidelines Committee 2017-; Co-chair UK Kidney Research Consortium Clinical Study Group for Exercise and Lifestyle 2016-20; Associate Editor (Haemodialysis Section), Blood Purification 2016-.</p> <p><u>Grant Reviewing:</u> BHF, NIHR, MRC, Kidney Research UK, British Renal Society, Heart Research UK, Dutch Heart Foundation.</p> <p><u>Journal Reviewing:</u> Clinical Journal of the American Society of Nephrology; American Journal of Cardiology; American Journal of Hypertension; BMJ Open; PLOS One; Journal of Thrombosis and Haemostasis; Nephrology; BMC Cardiovascular Disorders.</p> <p><u>Invited Speaker:</u> KGIGO Controversies Conference, International Society of Peritoneal Dialysis, Royal Society of Medicine, American Society of Nephrology, International Society of Renal Nutrition and Metabolism, SONG-HD working Group, Jordanian Society of Nephrology; UK Cardiorenal Forum; UK Kidney Week; Diabetes UK; International Society of Nephrology, Japanese Society of Nephrology.</p>	

Publication Record		H-Index: 33 (i10-70)		Citations: 5420	
Top 10 publications in the last 5 years.					
1. Burton JO , Coats AJS, Kovesdy CP, Palmer BF, Piña IL, Rosano G, Sood MM, Zieroth S. An international Delphi consensus regarding best practice recommendations for hyperkalaemia across the cardiorenal spectrum. Eur J Heart Fail. 2022;24:1467-1477					
2. Kaushal P, Adenwalla SF, Lightfoot CJ, March DS, Gray LJ, Burton JO . Evaluation of the design, conduct and reporting of randomised controlled trials in the haemodialysis population: a scoping review and interview study. BMJ Open. 2022 Mar 25;12(3):e058368					
3. Baker LA, March DS, Wilkinson TJ, Billany RE, Bishop NC, Castle EM, Chilcot J, Davies MD, Graham-Brown MPM, Greenwood SA, Junglee NA, Kanavaki AM, Lightfoot CJ, Macdonald JH, Rossetti GMK, Smith AC, Burton JO . Clinical practice guideline exercise and lifestyle in chronic kidney disease. BMC Nephrol. 2022;23:75					
4. Pallikadavath S, Ashton L, Brunskill NJ, Burton JO , Gray LJ, Major RW. Aspirin for the primary prevention of cardiovascular disease in individuals with chronic kidney disease: a systematic review and meta-analysis. Eur J Prev Cardiol. 2022;28:1953-1960					
5. Vilar E, Kaja Kamal RM, Fotheringham J, Busby A, Berdeprado J, Kisłowska E, Wellsted D, Alchi B, Burton JO , Davenport A, Farrington K. A multicenter feasibility randomized controlled trial to assess the impact of incremental versus conventional initiation of hemodialysis on residual kidney function. Kidney Int. 2022;101:615-625					
6. March DS, Hurt A, Grantham CE, Churchward DR, Young HML, Highton PJ, Dungey M, Bishop NC, Smith AC, Graham-Brown MPM, Cooper NJ, Burton JO . A cost-effective analysis of the CYCLE-HD randomized controlled trial. Kidney Int Rep. 2021;6:1548-1557					
7. Graham-Brown MPM, March DS, Young R, Highton PJ, Young HML, Churchward DR, Dungey M, Stensel DJ, Bishop NC, Brunskill NJ, Smith AC, McCann GP, McConnaiche A, Burton JO . A randomised controlled trial to investigate the effects of intradialytic cycling on left ventricular mass. Kidney Int. 2021;102:1478-1486.					
8. Karunanithy N, Robinson EJ, Ahmad F, Burton JO , Calder F, Coles S, Das N, Dorling A, Forman C, Jaffer O, Lawman S, Lakshminarayan R, Lewlellyn R, Peacock JL, Ramnarine R, Mesa IR, Shaikh S, Simpson J, Steiner K, Suckling R, Szabo L, Turner D, Wadoodi A, Wang Y, Weir G, Wilkins CJ, Gardner LM, Robson MG. A multicenter randomized controlled trial indicates that paclitaxel-coated balloons provide no benefit during angioplasty of arteriovenous fistulas. Kidney Int. 2021; epub ahead of print					
9. Major RW, Burton JO . "To take or not to take an aspirin?" The age-old question of cardiovascular disease primary prevention for people with chronic kidney disease. Kidney Int. 2021;99(2):308-310.					
10. Greenwood SA, Koufaki P, Macdonald J, Bhandari S, Burton J , Dasgupta I, Farrington K, Ford I, Kalra PA, Kean S, Kumwenda M, Macdougall IC, Messow C-M, Mitra S, Reid C, Smith AC, Taal MW, Thomson PC, Wheeler DC, White W, Yaqoob M, Mercer TH. The PrEscription of intraDialytic exercise to improve quALity of Life in patients with chronic kidney disease trial: study design and baseline data for a multicentre randomized controlled trial. Clin Kidney J. 2020: sfaa107.					
EXPERIENCE OF RESEARCH TRAINING					
Higher Degrees:	Completed: 9	Current: 4	Writing Up: 1	BSc/MSc/MRES: 16	
Examining experience	PhD/MD Internal: 10	PhD/MD External: 8			
PGCert in Academic Practice in Higher Education (Distinction), University of Leicester, 2014; Fellow of the Higher Education Academy 2014-; Academic Champion for Research (University of Leicester); Member of the Board of Studies for the intercalated research MSc, University of Leicester. Member Royal College of Physicians Specialty Question Writing Group 2013-2017.					
Student / Research trainee awards:					
UK Renal Association Raine Award Winner 2020 (Matthew Graham-Brown)					
Kidney Research UK Intercalated Degree Award Winner 2019/20 (A Asad)					
Kidney Research UK Intercalated Degree Award Winner 2019/20 (P Kaushal)					
Wolfson Intercalated Award 2018/19 Winner (F Poli)					
Kidney Research UK Intercalated Degree Award Winner 2018/19 (F Poli)					
Kidney Research UK Intercalated Degree Award Winner 2018/19 (A Hunt)					
Kidney Research UK Intercalated Degree Award Winner 2016/17 (C Tomlinson)					
Kidney Research UK Intercalated Degree Award Winner 2012/13 (K Hull)					
Royal Pathological Society Intercalated Research Award 2011/12 (R Singh)					