

Summary of 7th Round BRS Grant Awards (2007)

Recipient	Hospital	Title of Grant Project	Brief Description of the Project	Amount of Award
Dr Chris Jones Nurse Consultant	Kings College Hospital	What is the scale of non-adherence to blood pressure medication in chronic kidney disease; its predictors and opportunities for intervention	<p>This pilot study aims to:</p> <ul style="list-style-type: none"> • Measure the scale of non-adherence to RAS Inhibitors in a prevalent group of patients with CKD. • Determine the accuracy of self-reported measures of adherence that could be used in routine clinical practice compared to electronic monitoring, the current gold standard measure of adherence. • Identify the attitudes, beliefs, socio-demographic and clinical factors associated with adherence. 	£7,500.00
Dr Elizabeth Lindley Clinical Scientist in Renal Medicine	St James's University Hospital	Scientific and clinical evaluation of the use of bioimpedence spectroscopy and a 3-compartment model to monitor body composition in paediatric dialysis patients.	<p>This project proposes to determine if the Body Composition Monitor can provide body composition measurements, particularly excess fluid, that are acceptable for clinical decision support in the management of children on dialysis and to assess the benefits of using this more sophisticated system over bioimpedence vector analysis(BIVA).</p>	£23,040.00
Prof James Mason Professor of Health Services Research & Health Economics	Wolfson Research Institute, School for Health, Durham University	Lithium Use and Risk of Renal Failure	<p>The study will adopt a retrospective cohort design:</p> <ul style="list-style-type: none"> • To estimate the incidence of renal failure in the General Practice Research Database (GPRD) cohort during a ten year time period (1997-2006), in patients with bipolar disorder according to age, gender, and use of lithium (long-term/short-term/never). • To estimate the relative hazard of renal failure, in patients with bipolar disorder according to use of lithium (long-term/short-term/never). A Cox multivariate regression model will permit adjustment for age, gender, known risk factors for renal disease and changes over time in patient management. • The dataset will provide a rich description of the pharmacological management of patients with bipolar disorder and subsequent renal failure. 	£14,302.43

Dr Chris McIntyre Associate Professor & Reader in Vascular Medicine, & Hon. Consultant Nephrologist	Derby Hospitals NHS Foundation Trust	Cardiovascular and Functional Consequences of Chronic Kidney Disease in Older People.	The aim of this study is to discover if the pursuit of an optimal antihypertensive strategy in the older patient with CKD may result in an exacerbation of blood pressure dysregulation and increase the propensity to fall. Furthermore to determine if such strategies may also be associated with clinically important changes in body composition, cardiovascular structure and function and overall functional status.	£55,400.00
Mrs Debbie Sutton Renal Research Dietician	Queen Alexander Hospital	A multi-centre trial to assess whether increased dietary fibre intake reduces laxative requirement in PD patients.	<p>The aims of this study are:</p> <ul style="list-style-type: none"> • To establish current bowel habits, laxative use and costs, among all PD patients. • To increase dietary fibre intake (using a fibre supplement or high fibre food) and assess the impact on bowel habits and laxative use. 	£22,446.00
			Total Amount Awarded	£122,688.43