

2001 Grant Recipients

Name of Research Investigators	Hospital	Title of Grant Project	Brief Description of the Project	Amount Awarded
<p>Colin Jones, Consultant Nephrologist</p> <p>Louise Wells, Senior Dietitian</p> <p>Elizabeth Lindley, Clinical Scientist</p>	<p>York District Hospital</p> <p>York District Hospital</p> <p>Leeds Teaching Hospitals NHS Trust</p>	<p>Is serial bioelectric impedance monitoring of extracellular fluid volume of clinical value in patients with hypertension and renal failure?</p>	<p>Objectives:</p> <ul style="list-style-type: none"> • To assess if bioimpedance can detect differences in extracellular fluid volume between normal individuals, subjects with hypertension & normal renal function and subjects with hypertension and CRF. • To determine if there are detectable differences in extracellular fluid volume between patients on vasodilating and non-vasodilating antihypertensive medication • To determine if bioimpedance measurements of extracellular water increase as renal function deteriorates 	<p>£30,000</p>
<p>Sara Martin, Lecturer & Research Dietitian</p>	<p>Queen Margaret University College, Edinburgh</p>	<p>Exercise training in haemodialysis patients</p>	<p>The aim of the study is to evaluate the efficacy of a physical training programme to improve body composition, functional status, appetite and quality of life. Specifically the following questions will be addressed:</p> <ul style="list-style-type: none"> • Does the introduction of physical training improve functional ability in haemodialysis patients? • Does physical training improve well-being per se? It is possible that an improvement in well-being could be seen without improvement in objective measures of functional status. • If objective functional improvement is seen, does this result in improved well-being? • Does a physical training programme in this population improve nutritional intake? • If nutritional intake is improved is it reflected in changes of body cell mass (BCM)? 	<p>£30,000</p>
<p>Paula McLaren, Senior Staff Nurse</p>	<p>The Lister Hospital, Stevenage</p>	<p>Effect of sodium profiling during haemodiafiltration</p>	<p>Although the benefit of sodium profiling in haemodialysis patients is well documented, there is little data on sodium profiling in haemodiafiltration. Studies indicate that haemodiafiltration increased cardiovascular stability and that sodium mass removal in haemodiafiltration may be underestimated. There is a need for further research into the clinical and quality of life effects of such sodium profiling in haemodiafiltration.</p>	<p>£15,000</p>
<p>J N Townend, Senior Lecturer in Cardiology</p>	<p>Queen Elizabeth Hospital, Birmingham</p>	<p>Prospective Study of cardiovascular risk factors in CRF</p>	<p>This study will help to identify the principal cardiovascular risk factors in renal failure and aid the design of preventive strategies. The study seeks to determine in detail</p> <ul style="list-style-type: none"> • Whether baseline risk factors predict future cardiovascular events • How progression of renal failure influences the levels of cardiovascular risk factors • The relationship between renal impairment, chronic inflammation and cardiovascular disease 	<p>£25,000</p>