



Involvement Opportunity

**Protocol To Improve Management Of
Patients With Worsening In Renal
Function Secondary To Acute Heart
Failure (PRORENAL-AHF)**

Patient Information

Aim of the Research

This study is aimed at improving management of beneficial treatments that save lives and improve quality of life in older patients with heart failure and worsening kidney function.

Background of the Research

Heart failure (reduced pumping action of the heart) is a common problem which increases with older age and is associated with over activation certain hormones which control blood pressure, fluid balance and kidney function. Several groups of heart failure and kidney drugs have beneficial effects by improving heart and kidney function leading to increased life expectancy, reduced hospital admissions and improved quality of life with good safety profile.

Worsening heart failure is often associated with reduced kidney function which sometimes leads to stop these essential drugs. However, research has shown that continuing heart failure and renal drugs in older patient with acute heart failure and reduced kidney function is beneficial.

Design and Methods Used

Pragmatic research study which will randomly allocate patients admitted to Norfolk and Norwich University Hospital with heart failure, aged 70 years or older with reduced kidney function and treated with heart failure therapy to a strategy to improve adjustment of these treatments using a systematic approach compared to the standard care.

The main outcomes will be safety, patient adherence, symptoms control, length of stay, hospital readmission, congestion markers and renal function.

Patient and Public Involvement

We would like to involve heart failure patients from the beginning of the study design. We have already involved some of our heart failure patients and we would like to involve more patients and organisations to determine their views on the need for the study, study design, possible benefits and any specific ethical issues.

During the study, we will invite patients to be members of our Trial Steering Committee and provide comments on study conduct, patient information sheet, and any specific ethical issues

When the study is finished, we would like to involve patients to enhance dissemination of results to impact on clinical practice and patient awareness. We plan to present our study at national and international meetings and publish in medical journals. We will also share results with press and social media. The project will be written up and presented as a Doctoral Thesis at University of East Anglia.