

The effects of Nocturnal Haemodialysis (NHD) compared to conventional haemodialysis on progression of Left Ventricular (LV) mass: a randomised controlled pilot study

Submission date 08/09/2004	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 19/10/2004	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 20/09/2007	Condition category Urological and Genital Diseases	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

Plain English summary of protocol

Not provided at time of registration

Contact information

Type(s)

Scientific

Contact name

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Additional identifiers

Study information

Scientific Title

Study objectives

Nocturnal haemodialysis and conventional three times per week haemodialysis will not differ with respect to progression of LV mass (measured using Cardiac Magnetic Resonance [CMR]) at 6 months.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration.

Study design

Randomised controlled trial

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

End-stage kidney disease

Interventions

Subjects are randomised to nocturnal haemodialysis or conventional three times per week haemodialysis (controls).

Intervention Type

Other

Phase

Not Specified

Primary outcome(s)

Change in left ventricular mass (measured by CMR) at 6 months.

Key secondary outcome(s)

1. Mean change in systolic Blood Pressure (BP)
2. Change in HRQOL (Health-Related Quality-Of-Life)
3. Mean change in Haematocrit (Hct)/Erythropoietin (Epo) ratio
4. Mean change in calcium - phosphorus product

Completion date

30/06/2006

Eligibility**Key inclusion criteria**

All adult haemodialysis patients in Alberta, Canada are eligible.

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex**Key exclusion criteria**

Patients who are unable to perform NHD due to physical or mental incapacity.

Date of first enrolment

01/08/2004

Date of final enrolment

30/06/2006

Locations**Countries of recruitment**

Canada

Study participating centre**Foothills Hospital**

Calgary

Canada

T2N 2T9

Sponsor information**Organisation**

Kidney Foundation of Canada (Canada)

ROR

<https://ror.org/019a0gk53>

Funder(s)**Funder type**

Research organisation

Funder Name

Kidney Foundation of Canada (Canada)

Alternative Name(s)

La Fondation canadienne du rein, The Kidney Foundation of Canada, Kidney Foundation, kidneycanada, KFOC

Funding Body Type

Private sector organisation

Funding Body Subtype

Trusts, charities, foundations (both public and private)

Location

Canada

Results and Publications

Individual participant data (IPD) sharing plan**IPD sharing plan summary****Study outputs**

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	Results	19/09/2007		Yes	No