ISRCTN25858715 https://doi.org/10.1186/ISRCTN25858715

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

Registration date
19/10/2004

Overall study status
Completed

Last Edited
20/09/2007

Condition category
Urological and Genital Diseases

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Protocol serial number
N/A

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
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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