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

<b>Submission date</b> 08/09/2004	Recruitment status  No longer recruiting	Prospectively registered	
		☐ Protocol	
Registration date 19/10/2004	Overall study status Completed	Statistical analysis plan	
		[X] Results	
<b>Last Edited</b> 20/09/2007	Condition category Urological and Genital Diseases	[] 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

**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 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