# Pre- versus post-dilution haemofiltration: a prospective randomised cross-over study

Submission date	Recruitment status	<ul><li>Prospectively registered</li></ul>
05/07/2005	No longer recruiting	☐ Protocol
Registration date	Overall study status	Statistical analysis plan
06/07/2005	Completed	Results
Last Edited	Condition category	Individual participant data
14/09/2009	Urological and Genital Diseases	Record updated in last year

### Plain English summary of protocol

Not provided at time of registration

### Contact information

### Type(s)

Scientific

#### Contact name

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#### Contact details

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### Additional identifiers

**EudraCT/CTIS** number

**IRAS** number

ClinicalTrials.gov number

Secondary identifying numbers

N/A

### Study information

### Scientific Title

### Acronym

**PREPOST** 

### **Study objectives**

Predilution prolongs extracorporeal circuit survival time during continuous venovenous hemofiltration, due to a decrease in platelet activation and thrombin generation.

### 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

### Secondary study design

Randomised controlled trial

### Study setting(s)

Not specified

### Study type(s)

Treatment

### Participant information sheet

### Health condition(s) or problem(s) studied

Acute renal failure

### **Interventions**

Continuous venovenous haemofiltration, predilution versus postdilution

### Intervention Type

Other

#### Phase

**Not Specified** 

### Primary outcome measure

Extracorporeal circuit survival time

### Secondary outcome measures

Platelet activation, thrombin generation, urea clearance

### Overall study start date

01/12/2000

### Completion date

01/01/2002

### **Eligibility**

### Key inclusion criteria

Eight critically ill patients with an indication for renal replacement therapy

### Participant type(s)

**Patient** 

### Age group

Adult

### Sex

Both

### Target number of participants

7

### Key exclusion criteria

Recent bleeding, treatment with aspirin within one week before inclusion or with therapeutic doses of unfractionated or low molecular weight heparin within 12 hours before inclusion or results of routine coagulation tests such as protrombin time (PT) and activated partial thromboplastin time (APTT) exceeding twice the upper limit of normal

### Date of first enrolment

01/12/2000

### Date of final enrolment

01/01/2002

### **Locations**

### Countries of recruitment

Netherlands

### Study participating centre Academic Medical Center

Amsterdam Netherlands 1105 AZ

### Sponsor information

### Organisation

Academic Medical Centre (Netherlands)

### Sponsor details

Prof. dr. M.B. Vroom Academic Medical Centre Meibergdreef 9 Amsterdam Netherlands 1105 AZ +31 (0)20 5669111 tracer 59155 m.b.vroom@amc.uva.nl

### Sponsor type

Hospital/treatment centre

#### Website

http://www.amc.uva.nl

#### **ROR**

https://ror.org/03t4gr691

## Funder(s)

### Funder type

Hospital/treatment centre

#### **Funder Name**

Internally funded (Netherlands)

### **Results and Publications**

### Publication and dissemination plan

Not provided at time of registration

Intention to publish date

Individual participant data (IPD) sharing plan

**IPD sharing plan summary**Not provided at time of registration