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

| Submission date | Recruitment status | [_] Prospectively registered |
|---|---|---|
| 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

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## Additional identifiers

**Protocol serial number**
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

### Study type(s)
Treatment

### 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(s)
Extracorporeal circuit survival time

### Key secondary outcome(s))
Platelet activation, thrombin generation, urea clearance

### Completion date
01/01/2002

## Eligibility

### Key inclusion criteria
Eight critically ill patients with an indication for renal replacement therapy

### Participant type(s)
Patient

**Healthy volunteers allowed**
No

**Age group**
Adult

**Sex**
All

**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
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1105 AZ

# Sponsor information

**Organisation**
Academic Medical Centre (Netherlands)

**ROR**
https://ror.org/03t4gr691

# Funder(s)

**Funder type**

Hospital/treatment centre

### Funder Name
Internally funded (Netherlands)

## Results and Publications

### Individual participant data (IPD) sharing plan

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