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# Study of the effects of gentamicin locking on bacteraemia rates and function of tunnelled haemodialysis catheters

| Submission date | Recruitment status |
|---|---|
| 12/09/2003 | No longer recruiting |
| **Registration date** | **Overall study status** |
| 12/09/2003 | Completed |
| **Last Edited** | **Condition category** |
| 17/12/2008 | 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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

N0077102812

# Study information

## Scientific Title

## Study objectives
Whether use of gentamicin locking of dialysis catheters can influence bacteraemia rates without compromising catheter function.

## 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)
Not Specified

## Participant information sheet

## Health condition(s) or problem(s) studied
Urological and Genital Diseases: Haemodialysis

## Interventions
Patients will be recruited at the time of catheter insertion and randomised to one of two arms. Conventional practice (as defined by use of heparin locking with 5000 u/ml) and locking the catheter with 5 mg/ml of gentamicin in conjunction with heparin.

## Intervention Type
Other

## Phase
Not Specified

## Primary outcome measure

We will collect data on a variety of endpoints. Primary end point will be clinical infection rates. Data will also be collected on patency and thrombotic failure of catheters augmented with the data set relating to catheter function and dialysis adequacy that will be captured by the central server.

### Secondary outcome measures
Not provided at time of registration

### Overall study start date
01/04/2002

### Completion date
01/04/2003

## Eligibility

### Key inclusion criteria
Chronic haemodialysis patients

### Participant type(s)
Patient

### Age group
Not Specified

### Sex
Not Specified

### Target number of participants
The aim would be to recruit a total of 30-40 patients, who would be studied for 6-12 months.

### Key exclusion criteria
Not provided at time of registration

### Date of first enrolment
01/04/2002

### Date of final enrolment
01/04/2003

## Locations

### Countries of recruitment
England

United Kingdom

**Study participating centre**
**Southern Derbyshire Acute Hospitals NHS Trust**
Derby
United Kingdom
DE22 3NE

# Sponsor information

**Organisation**
Department of Health (UK)

**Sponsor details**
Richmond House
79 Whitehall
London
United Kingdom
SW1A 2NL

**Sponsor type**
Government

**Website**
http://www.doh.gov.uk

# Funder(s)

**Funder type**
Government

**Funder Name**
Southern Derbyshire Acute Hospitals NHS Trust (UK)

# 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

## Study outputs

| Output type | Details | Date created | Date added | Peer reviewed? | Patient-facing? |
|---|---|---|---|---|---|
| Results article | results | 01/08/2004 | | Yes | No |