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Is functional iron deficiency the cause of anaemia in haemodialysis patients with dialysis catheters? A randomised controlled study

Submission date
12/09/2003

Recruitment status
No longer recruiting

Registration date
12/09/2003

Overall study status
Completed

Last Edited
26/01/2016

Condition category
Nutritional, Metabolic, Endocrine

[ ] Prospectively registered
[ ] Protocol
[ ] Statistical analysis plan
[ ] Results
[ ] Individual participant data
[ ] 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
N0436121434

Study information

Scientific Title

Is functional iron deficiency the cause of anaemia in haemodialysis patients with dialysis catheters? A randomised controlled study

Study objectives
To confirm the presence of functional iron deficiency in iron replete haemodialysis patients with dialysis catheters.

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)
Not Specified

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

Interventions
Randomised controlled trial. Random allocation to:
1. Treatment one
2. Treatment two

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. To determine the relationship between functional iron deficiency and EPO resistance.
2. Serum ferritin
3. iron
4. transferrin saturation
5. percentage of hypochromic erthrocytes
6. haematocrit
7. reticulocyte count
8. reticulocyte haemoglobin concentration
9. serum C-r

Key secondary outcome(s))
Not provided at time of registration

Completion date
01/10/2003

Eligibility

Key inclusion criteria
1. Haemodialysis patients over 18 years of age on dialysis treatment for at least 3 months
2. Stable haemodialysis patients dialyzing with a central venous catheter on erythropoietin (EPO) therapy

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
Does not meet inclusion criteria

Date of first enrolment
01/10/2002

Date of final enrolment
01/10/2003

Locations

Countries of recruitment
United Kingdom

England

Study participating centre
Leeds General Infirmary
Leeds
United Kingdom
LS1 3EX

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Leeds Teaching Hospitals NHS Trust (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration