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

Submission date	Recruitment status	Prospectively registered
12/09/2003	No longer recruiting	Protocol
Registration date	Overall study status	Statistical analysis plan
12/09/2003	Completed	Results
Last Edited	Condition category	Individual participant data
26/01/2016	Nutritional, Metabolic, Endocrine	<ul><li>Record updated in last year</li></ul>

# Plain English summary of protocol

Not provided at time of registration

# Contact information

# Type(s)

Scientific

#### Contact name

Dr Paul Laboi

#### Contact details

Department of Renal Medicine Wellcome Wing Leeds General Infirmary Great George Street Leeds United Kingdom LS1 3EX

# 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

## **Study outputs**

Output type Details Date created Date added Peer reviewed? Patient-facing?

Participant information sheet Participant information sheet 11/11/2025 11/11/2025 No Yes