

# Optimising portal haemodynamics and liver parenchymal perfusion during orthotopic liver transplantation (OTL) using an implantable pump

<b>Submission date</b> 30/09/2005	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered
<b>Registration date</b> 30/09/2005	<b>Overall study status</b> Completed	<input type="checkbox"/> Protocol
<b>Last Edited</b> 15/02/2018	<b>Condition category</b> Surgery	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data
		<input type="checkbox"/> Record updated in last year

## Plain English summary of protocol

Not provided at time of registration

## Contact information

### Type(s)

Scientific

### Contact name

Prof Brian R Davidson

### Contact details

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## Additional identifiers

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

## Secondary identifying numbers

N0256107980

# Study information

## Scientific Title

Optimising portal haemodynamics and liver parenchymal perfusion during orthotopic liver transplantation (OTL) using an implantable pump

## Study objectives

Whether hepatic tissue oxygenation and perfusion of hepatic microcirculation can be improved with a short term mechanical augmentation of portal flow.

## 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)

Hospital

## Study type(s)

Treatment

## Participant information sheet

Not available in web format, please use the contact details below to request a patient information sheet

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

Liver transplantation

## Interventions

Randomised controlled trial

## Intervention Type

Procedure/Surgery

## Phase

Not Applicable

**Primary outcome measure**

Service outcomes development

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

15/01/2003

**Completion date**

30/09/2003

## Eligibility

**Key inclusion criteria**

12 patients (6 patients with portal pump and 6 controls)

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

12

**Key exclusion criteria**

Does not meet inclusion criteria

**Date of first enrolment**

15/01/2003

**Date of final enrolment**

30/09/2003

## Locations

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

Royal Free Hampstead NHS Trust

London

United Kingdom  
NW3 2QG

## Sponsor information

### Organisation

Department of Health

### Sponsor details

Richmond House  
79 Whitehall  
London  
United Kingdom  
SW1A 2NL  
+44 (0)20 7307 2622  
dhmail@doh.gsi.org.uk

### Sponsor type

Government

### Website

<http://www.dh.gov.uk/Home/fs/en>

## Funder(s)

### Funder type

Government

### Funder Name

The Royal Free Hampstead 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