

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

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| Submission date 30/09/2005 | Recruitment status No longer recruiting | <input type="checkbox"/> Prospectively registered |
| Registration date 30/09/2005 | Overall study status Completed | <input type="checkbox"/> Protocol |
| Last Edited 15/02/2018 | Condition category 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

Protocol serial number

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

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Liver transplantation

Interventions

Randomised controlled trial

Intervention Type

Procedure/Surgery

Phase

Not Applicable

Primary outcome(s)

Service outcomes development

Key secondary outcome(s))

Not provided at time of registration

Completion date

30/09/2003

Eligibility**Key inclusion criteria**

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

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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

United Kingdom

England

Study participating centre

Royal Free Hampstead NHS Trust

London

United Kingdom

NW3 2QG

Sponsor information

Organisation

Department of Health

Funder(s)

Funder type

Government

Funder Name

The Royal Free Hampstead 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 |