

# 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

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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