

# Evaluation of hepatic tissue carbon dioxide as a marker of a liver function and the effort of the Pringle manoeuvre in liver resection.

<b>Submission date</b> 12/09/2003	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 12/09/2003	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 07/09/2012	<b>Condition category</b> Surgery	<input type="checkbox"/> Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

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## Additional identifiers

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**

**Secondary identifying numbers**

N0192122289

# Study information

## Scientific Title

### Study objectives

Is tissue carbon dioxide a valuable marker of liver cell function during liver resection surgery?

### 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)

Not specified

### Study type(s)

Not Specified

## Participant information sheet

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

Surgery: Liver resection

### Interventions

1. Hyperventilated to a preclamp end tidal CO<sub>2</sub> of 3.5 kPa and the clamp will be applied until the tissue CO<sub>2</sub> is 10 kPa (approx 10 min)
2. Standard practice

### Intervention Type

Procedure/Surgery

### Phase

Not Specified

### Primary outcome measure

Comparison of tissue carbon dioxide and indocyanine green clearance.

**Secondary outcome measures**

Not provided at time of registration

**Overall study start date**

01/09/2002

**Completion date**

31/08/2003

## **Eligibility**

**Key inclusion criteria**

Not provided at time of registration

**Participant type(s)**

Patient

**Age group**

Not Specified

**Sex**

Not Specified

**Target number of participants**

20

**Key exclusion criteria**

Not provided at time of registration

**Date of first enrolment**

01/09/2002

**Date of final enrolment**

31/08/2003

## **Locations**

**Countries of recruitment**

England

United Kingdom

**Study participating centre**

Department of Surgery

Nottingham

United Kingdom

NG7 2UH

# Sponsor information

## Organisation

Department of Health (UK)

## Sponsor details

Richmond House

79 Whitehall

London

United Kingdom

SW1A 2NL

## Sponsor type

Government

## Website

<http://www.doh.gov.uk>

# Funder(s)

## Funder type

Government

## Funder Name

Queen's Medical Centre University Hospital 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

## Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
<a href="#">Results article</a>	results	01/08/2007		Yes	No

