

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

Submission date 12/09/2003	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 12/09/2003	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 07/09/2012	Condition category Surgery	☐ 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

Protocol serial number
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

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Not Specified

Health condition(s) or problem(s) studied

Surgery: Liver resection

Interventions

1. Hyperventilated to a preclamp end tidal CO₂ of 3.5 kPa and the clamp will be applied until the tissue CO₂ is 10 kPa (approx 10 min)
2. Standard practice

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

Comparison of tissue carbon dioxide and indocyanine green clearance.

Key secondary outcome(s)

Not provided at time of registration

Completion date

31/08/2003

Eligibility**Key inclusion criteria**

Not provided at time of registration

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Not Specified

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**

United Kingdom

England

Study participating centre**Department of Surgery**

Nottingham

United Kingdom

NG7 2UH

Sponsor information**Organisation**

Department of Health (UK)

Funder(s)**Funder type**

Government

Funder Name

Queen's Medical Centre University Hospital 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?
Results article	results	01/08/2007		Yes	No