

Low rate versus high rate insufflation of the peritoneal cavity for laparoscopic surgery: a randomised comparative study

Submission date 29/09/2006	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
		<input type="checkbox"/> Protocol
Registration date 29/09/2006	Overall study status Completed	<input type="checkbox"/> Statistical analysis plan
		<input type="checkbox"/> Results
Last Edited 24/09/2013	Condition category Surgery	<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
N0453168841

Study information

Scientific Title

Study objectives

This study aims to find out whether the low rate and high rate of CO₂ insufflation at the commencement of laparoscopic surgery have different effects on cardiac function.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Study design

Randomised comparative study

Primary study design

Interventional

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Surgery: Laparoscopy

Interventions

The study involves insufflating the abdomen with gas at either a low rate or high rate and evaluating its impact on the efficacy of the heart pump and on the hormones released during surgery. It will be a randomised clinical study involving 2 groups (CO₂ insufflation at 1 l/1min & CO₂ insufflation of 18 l/min)

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

CO₂

Primary outcome(s)

Not provided at time of registration

Key secondary outcome(s)

Not provided at time of registration

Completion date

30/12/2005

Eligibility**Key inclusion criteria**

Consenting adult patients aged 16-80 years

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Not provided at time of registration

Date of first enrolment

19/07/2005

Date of final enrolment

30/12/2005

Locations**Countries of recruitment**

United Kingdom

England

Study participating centre

MRI Central Manchester & Manchester Children's University Hospitals

Manchester

United Kingdom

M13 9WL

Sponsor information**Organisation**

Record Provided by the NHSTCT Register - 2006 Update - Department of Health

Funder(s)

Funder type

Government

Funder Name

Central Manchester and Manchester Children's University Hospitals NHS Trust (UK) - Trust Endowment,

Funder Name

NHS R&D Support Funding

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration