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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	[_] Prospectively registered [_] Protocol
Registration date 29/09/2006	**Overall study status** Completed	[_] Statistical analysis plan [_] Results
Last Edited 24/09/2013	**Condition category** Surgery	[_] Individual participant data [_] 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
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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