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A randomised double-blind prospective study to compare the intubating conditions with remifentanil (4 ug/mkg) and either propofol (2 mg/kg) or etomidate (0.3 mg/kg)

Submission date
12/09/2003

Recruitment status
No longer recruiting

Registration date
12/09/2003

Overall study status
Completed

Last Edited
11/12/2014

Condition category
Surgery

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[_] Results
[_] Individual participant data
[_] Record updated in last year

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr Ian McNeil

Contact details
Department of Anaesthesia
Hull Royal Infirmary
Anlaby Road
Hull
United Kingdom
HU3 2 JZ

Additional identifiers

Protocol serial number
N0084113942

Study information

Scientific Title

A randomised double-blind prospective study to compare the intubating conditions with remifentanil (4 ug/mkg) and either propofol (2 mg/kg) or etomidate (0.3 mg/kg)

Study objectives
1. To investigate whether there is a role for etomidate for intubation without muscle relaxants?
2. Is it more stable than propofol?

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
Surgery: Intubation

Interventions
1. Remifentanil and etomidate
2. Remifentanil and propofol

Both the patients and the intubating anaesthetist will be blinded to the induction agents administered by a second anaesthetist.

Intervention Type
Drug

Phase
Not Applicable

Drug/device/biological/vaccine name(s)
Remifentanil, etomidate, propofol

Primary outcome(s)
The end points are:
1. Intubating conditions
2. Cardiovascular stability

Key secondary outcome(s))
Not provided at time of registration

Completion date

01/06/2004

Eligibility

Key inclusion criteria
40 American Society of Anesthesiologists (ASA) 1 and 2 non-obese (Body Mass Index [BMI] <30) elective surgical patients aged between 18 and 65 years. They must require intubation for their proposed surgery.

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Upper age limit
65 years

Sex
All

Key exclusion criteria
Not provided at time of registration

Date of first enrolment
01/08/2002

Date of final enrolment
01/06/2004

Locations

Countries of recruitment
United Kingdom

Study participating centre
Hull Royal Infirmary
Hull
United Kingdom
HU3 2 JZ

Sponsor information

Organisation
Department of Health (UK)

Funder(s)

Funder type
Government

Funder Name
The North and South Bank Research and Development Consortium (UK)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary
Not provided at time of registration