ISRCTN84400696 https://doi.org/10.1186/ISRCTN84400696

# 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