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Laryngeal mask vs endotracheal tube for bariatric surgery

Submission date	Recruitment status	[ ] Prospectively registered
26/08/2008	No longer recruiting	[ ] Protocol
Registration date	**Overall study status**	[ ] Statistical analysis plan
18/09/2008	Completed	[ ] Results
Last Edited	**Condition category**	[ ] Individual participant data
18/09/2008	Nutritional, Metabolic, Endocrine	[ ] 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
1615P

Study information

Scientific Title
Comparison study on ventilation with laryngeal mask and with endotracheal tube for bariatric surgery

Study objectives
Ventilation with laryngeal mask results in better recovery profile than ventilation with endotracheal tube in obese patients undergoing bariatric surgery.

Ethics approval required
Old ethics approval format

Ethics approval(s)
This study was approved by the Ethics Committee, Padua Hospital on 25/07/2008.

Study design
Randomised double-blind (patient, evaluating physician) trial

Primary study design
Interventional

Study type(s)
Treatment

Health condition(s) or problem(s) studied
Obesity

Interventions
Ventilation with laryngeal mask vs ventilation with endotracheal tuber

Intervention Type
Other

Phase
Not Specified

Primary outcome(s)
1. Time to independent walking after the end of anesthesia

Key secondary outcome(s))
1. Ventilatory parameters
2. Postoperative morbidity
3. Patient and surgeon satisfaction

Completion date
08/01/2011

Eligibility

Key inclusion criteria
1. Both males and females, age >18 years
2. American Society of Anaesthesiologists (ASA) classification I-III
3. Obese patients (body mass index [BMI] >30) undergoing bariatric surgery
4. Written informed consent

Participant type(s)
Patient

Healthy volunteers allowed
No

Age group
Adult

Lower age limit
18 years

Sex
All

Key exclusion criteria
1. Psychiatric disorders
2. Drug abuse
3. Known or possible pregnancy
4. Previous airway pathology
5. Pulmonary diseases
6. History of gastro-oesophageal reflux

Date of first enrolment
08/01/2008

Date of final enrolment
08/01/2011

Locations

Countries of recruitment
Italy

Study participating centre
Istituto di Anestesiologia
Padova
Italy
35121

Sponsor information

Organisation
Department of Pharmacology and Anaesthesiology, Padua University (Italy)

ROR
https://ror.org/00240q980

Funder(s)

Funder type
University/education

Funder Name
Department of Pharmacology and Anaesthesiology, Padua University (Italy)

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?
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes