

Drains should be abandoned following thyroid surgery

Submission date 18/03/2010	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 25/03/2010	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 21/01/2013	Condition category Surgery	☐ Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

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Additional identifiers

Study information

Scientific Title
A prospective double-blinded randomised clinical trial evaluating the impact of drain insertion versus no drain insertion following thyroid surgery on patient outcome

Study objectives
Drain insertion routinely inserted following thyroid surgery does not benefit patient outcome.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Ethics Committee of University College Cork (Ireland) approved on the 2nd January 2008 (ref: ECM 3 (dd) 05/02/08)

Primary study design

Interventional

Study design

Double-blinded randomised controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Thyroid surgery

Interventions

Patients are randomised to drain or no drain insertion at the end of surgery. Patients undergo ultrasound 24 and 48 hours post-operatively.

Intervention Type

Procedure/Surgery

Phase

Not Applicable

Primary outcome(s)

Fluid accumulation in thyroid bed 24 hours post-operatively

Key secondary outcome(s)

1. Length of post-operative stay
2. Pain using a visual analogue scale
3. Analgesia requirements at 24 hours
4. Fluid accumulated on ultrasound at 48 hours

Completion date

31/12/2009

Eligibility

Key inclusion criteria

1. Patients aged 18 - 79 years, either sex
2. Undergoing thyroidectomy

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Lower age limit

18 Years

Sex

All

Key exclusion criteria

1. Sternotomy
2. Neck dissection
3. Less than 18 years
4. History of bleeding disorders

Date of first enrolment

01/01/2008

Date of final enrolment

31/12/2009

Locations

Countries of recruitment

Ireland

Study participating centre

Department of Surgery

Cork

Ireland

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Sponsor information

Organisation

Cork University Hospital (Ireland)

ROR

<https://ror.org/04q107642>

Funder(s)

Funder type

Other

Funder Name

Investigator initiated and funded (Ireland)

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?
Results article	results	28/04/2012		Yes	No