# Drains should be abandoned following thyroid surgery

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

#### Plain English summary of protocol

Not provided at time of registration

## Contact information

#### Type(s)

Scientific

#### Contact name

Prof Paul Redmond

#### Contact details

Department of Surgery Cork University Hospital Wilton Cork Ireland

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## Additional identifiers

**Protocol serial number** N/A

# 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)

#### Study design

Double-blinded randomised controlled trial

#### Primary study design

Interventional

## 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              |
| Participant information sheet | Participant information sheet | 11/11/2025 11/11/2025   | No             | Yes             |