

# Is the routine Pressure Dressing After Thyroidectomy necessary? A prospective randomised controlled study

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<b>Registration date</b> 13/12/2006	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 01/02/2019	<b>Condition category</b> Surgery	<input type="checkbox"/> 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

**ClinicalTrials.gov (NCT)**  
NCT00400465

**Protocol serial number**  
N/A

# Study information

## Scientific Title

Is the routine Pressure Dressing After Thyroidectomy necessary? A prospective randomised controlled study

## Acronym

PDAT

## Study objectives

Thyroidectomy is an operation that is commonly performed. After an operation a pressure dressing by Hypafix is usually used due to the belief that it will help to reduce complications such as post-operative bleeding or haematoma. However, the practice is uncomfortable to patients and makes it hard to detect early haematomas.

We carried out a prospective randomised study to study the role of pressure dressing after thyroid surgery by evaluating the amount of fluids collected in the operative bed by ultrasonography compared with normal dressing.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Approval was gained from the ethics committee of Khon Kaen University on the 22nd November 2006 (ref: HE491009).

## Study design

Randomised single-blind controlled study

## Primary study design

Interventional

## Study type(s)

Treatment

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

Post-operative bleeding, haematoma

## Interventions

After the thyroidectomy was performed, patients were randomised to one of the following groups:

1. Control group: pressure dressings
2. Experimental group: normal dressings

## Intervention Type

Procedure/Surgery

## Phase

Not Specified

**Primary outcome(s)**

Amount of fluids collected in the thyroid bed by ultrasonography

**Key secondary outcome(s)**

1. Days retained drains
2. Days of hospital stay
3. Complications (bruise, bleeding, wound dehiscence)

**Completion date**

31/12/2007

**Eligibility****Key inclusion criteria**

Patients undergoing thyroidectomy in Srinagarind Hospital (Thailand)

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Not Specified

**Sex**

Not Specified

**Key exclusion criteria**

1. Cervical lymph node metastases requiring neck dissection
2. Tissue pathology that showed anaplastic carcinoma
3. Clinical or laboratory indicators of coagulation disorders

**Date of first enrolment**

01/12/2006

**Date of final enrolment**

31/12/2007

**Locations****Countries of recruitment**

Thailand

**Study participating centre**

**Department of Otolaryngology**  
Khon Kaen  
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40000

## Sponsor information

### Organisation

Khon Kaen University (Thailand)

### ROR

<https://ror.org/03cq4gr50>

## Funder(s)

### Funder type

University/education

### Funder Name

Khon Kaen University (Thailand) - Faculty of Medicine (internally funded)

## 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?
<a href="#">Results article</a>	results	20/03/2008	01/02/2019	Yes	No