

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

<b>Submission date</b> 12/11/2006	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<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

**EudraCT/CTIS number**

**IRAS number**

**ClinicalTrials.gov number**  
NCT00400465

## **Secondary identifying numbers**

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

## **Secondary study design**

Randomised controlled trial

## **Study setting(s)**

Hospital

## **Study type(s)**

Treatment

## **Participant information sheet**

## **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 measure**

Amount of fluids collected in the thyroid bed by ultrasonography

### **Secondary outcome measures**

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

### **Overall study start date**

01/12/2006

### **Completion date**

31/12/2007

## **Eligibility**

### **Key inclusion criteria**

Patients undergoing thyroidectomy in Srinagarind Hospital (Thailand)

### **Participant type(s)**

Patient

### **Age group**

Not Specified

### **Sex**

Not Specified

### **Target number of participants**

114

### **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)

**Sponsor details**

Faculty of Medicine

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**Sponsor type**

University/education

**Website**

<http://www.kku.ac.th/eng/>

**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

**Publication and dissemination plan**

Not provided at time of registration

**Intention to publish date****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