

# Use of vessel sealing system (ligasure) thyroid surgery: time saving? A prospective randomised study

<b>Submission date</b> 11/04/2007	<b>Recruitment status</b> No longer recruiting	<input type="checkbox"/> Prospectively registered <input type="checkbox"/> Protocol
<b>Registration date</b> 11/04/2007	<b>Overall study status</b> Completed	<input type="checkbox"/> Statistical analysis plan <input checked="" type="checkbox"/> Results
<b>Last Edited</b> 07/06/2012	<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

**Protocol serial number**  
N/A

## Study information

**Scientific Title**

**Study objectives**

Use of a vessel sealing system (ligasure) in thyroid surgery reduces operation time.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Ethics approval received from the local medical ethics committee

**Study design**

Randomised, active controlled, parallel group trial

**Primary study design**

Interventional

**Study type(s)**

Treatment

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

Thyroidectomy

**Interventions**

Use of vessel sealing system (ligasure) versus conventional knotting for ligation of blood vessels during thyroid surgery.

**Intervention Type**

Procedure/Surgery

**Phase**

Not Specified

**Primary outcome(s)**

Length of operation.

**Key secondary outcome(s)**

1. Bleeding complications
2. Nerve damage

**Completion date**

01/04/2007

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

1. Indication for total hemithyroidectomy
2. Age greater than 18 years
3. Informed consent

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Sex**

Not Specified

**Key exclusion criteria**

1. American Society of Anaesthesiologists (ASA) IV and V patients

**Date of first enrolment**

01/09/2005

**Date of final enrolment**

01/04/2007

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

Netherlands

**Study participating centre**

Diakonessenhuis Utrecht

Utrecht

Netherlands

3508 TG

**Sponsor information****Organisation**

Diakonessenhuis Hospital Utrecht (The Netherlands)

**ROR**

<https://ror.org/01nrpzj54>

# Funder(s)

## Funder type

Hospital/treatment centre

## Funder Name

Diakonessenhuis Utrecht (The Netherlands)

# 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	18/01/2012		Yes	No
<a href="#">Participant information sheet</a>	Participant information sheet	11/11/2025	11/11/2025	No	Yes