

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

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

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?
Results article	results	18/01/2012		Yes	No
Participant information sheet	Participant information sheet	11/11/2025	11/11/2025	No	Yes