

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

Submission date 11/04/2007	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 11/04/2007	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 07/06/2012	Condition category Surgery	☐ 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

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

Primary study design

Interventional

Study design

Randomised, active controlled, parallel group trial

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