ISRCTN82389535 https://doi.org/10.1186/ISRCTN82389535

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

Submission date	Recruitment status	[_] Prospectively registered
11/04/2007	No longer recruiting	[_] Protocol
Registration date	**Overall study status**	[_] Statistical analysis plan
11/04/2007	Completed	[X] Results
Last Edited	**Condition category**	[_] 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

EudraCT/CTIS number

IRAS number

ClinicalTrials.gov number

Secondary identifying numbers

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

Secondary study design
Randomised controlled trial

Study setting(s)
Hospital

Study type(s)
Treatment

Participant information sheet
Not available in web format, please use the contact details below to request a patient information sheet

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 measure
Length of operation.

Secondary outcome measures
1. Bleeding complications
2. Nerve damage

Overall study start date
01/09/2005

Completion date
01/04/2007

Eligibility

Key inclusion criteria
1. Indication for total hemithryeoidectomy
2. Age greater than 18 years
3. Informed consent

Participant type(s)
Patient

Age group
Adult

Lower age limit
18 Years

Sex
Not Specified

Target number of participants
20

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)

Sponsor details
Department of Surgery
P.O. Box 80250
Utrecht
Netherlands
3508 TG

Sponsor type
Hospital/treatment centre

Website
http://www.diakonessenhuis.nl/

ROR
https://ror.org/01nrpzj54

Funder(s)

Funder type
Hospital/treatment centre

Funder Name
Diakonessenhuis Utrecht (The Netherlands)

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?
Results article	results	18/01/2012		Yes	No