

Haemostasis with vessel seal instrument compared to conventional bipolar coagulation in laparoscopic hysterectomy and/or salpingo-oophorectomy: a randomised trial

Submission date 30/05/2007	Recruitment status No longer recruiting	☐ Prospectively registered ☐ Protocol
Registration date 30/05/2007	Overall study status Completed	☐ Statistical analysis plan ☒ Results
Last Edited 19/10/2021	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

Protocol serial number
NL939 (NTR964)

Study information

Scientific Title

Haemostasis with vessel seal instrument compared to conventional bipolar coagulation in laparoscopic hysterectomy and/or salpingo-oophorectomy: a randomised trial

Study objectives

The vessel seal instrument results in shorter operating time and less intraoperative bloodloss than the conventional bipolar coagulation in patients undergoing laparoscopic hysterectomy and /or salpingo-oophorectomy

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, multicentre, active controlled, parallel group trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Vessel seal, hysterectomy, laparoscopy, oophorectomy

Interventions

Hemostasis with vessel seal technique versus conventional technique.

Intervention Type

Procedure/Surgery

Phase

Not Specified

Primary outcome(s)

1. Operating time
2. Intraoperative bloodloss

Key secondary outcome(s)

1. Haemoglobin drop
2. User satisfaction
3. Costs
4. Quality of life, measured using the 36-item Short Form health survey (SF36)

Completion date

01/01/2008

Eligibility

Key inclusion criteria

1. Laparoscopic hysterectomy
2. Laparoscopic oophorectomy

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Not Specified

Sex

Female

Key exclusion criteria

1. Ovarian or cervical cancer
2. Uterus size greater than 20 weeks pregnancy

Date of first enrolment

01/01/2007

Date of final enrolment

01/01/2008

Locations**Countries of recruitment**

Netherlands

Study participating centre

Vrije University Medical Centre (VUMC)

Amsterdam

Netherlands

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Sponsor information**Organisation**

Vrije University Medical Centre (VUMC) (The Netherlands)

ROR

<https://ror.org/00q6h8f30>

Funder(s)

Funder type

Not defined

Funder Name

Not provided at time of registration

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		06/09/2011	19/10/2021	Yes	No
Study website	Study website	11/11/2025	11/11/2025	No	Yes