

# “The effect of direct feedback and gamification on a web-based registration system for laparoscopic hysterectomy: a randomized controlled trial. “

No registrations found.

|                              |                            |
|------------------------------|----------------------------|
| <b>Ethical review</b>        | Not applicable             |
| <b>Status</b>                | Recruiting                 |
| <b>Health condition type</b> | -                          |
| <b>Study type</b>            | Observational non invasive |

## Summary

### ID

NL-OMON25498

### Source

Nationaal Trial Register

### Health condition

No health conditions are studied. A register system is evaluated based on different types of feedback.

## Sponsors and support

**Primary sponsor:** Not applicable

**Source(s) of monetary or material Support:** Not applicable

## Intervention

## Outcome measures

### Primary outcome

Motivation and engagement of the gynaecologist to register their procedures.

## Secondary outcome

1. The effect of the application (and gamification) on the (surgical) performance of the gynaecologist
2. Performance of laparoscopic hysterectomies: Difference of blood loss, operative time and complication rate between the two groups.
3. The involvement of the gynaecologist (number of procedures registered, time spent on website, frequency of visits and views of graphs, drop-out rate, number of log-in).

## Study description

### Study design

not applicable

### Intervention

All participating gynaecologists will enter all their consecutive laparoscopic hysterectomies in the web-based QUSUM application. During registration the participants are randomly divided into two groups:

Group 1: individual feedback on clinical outcomes is provided by showing three proficiency graphs for the clinical outcomes (blood loss, operative time and complications)

Group 2: individual feedback is provided by showing three proficiency graphs for the clinical outcomes (blood loss, operative time and complications) additionally nationwide feedback is provided and gamification elements are used.

## Contacts

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## Eligibility criteria

### Inclusion criteria

All Dutch gynaecologists performing laparoscopic hysterectomies and register at [www.QUSUM.org](http://www.QUSUM.org). Registration is voluntarily.

### Exclusion criteria

not applicable

## Study design

### Design

|                     |                             |
|---------------------|-----------------------------|
| Study type:         | Observational non invasive  |
| Intervention model: | Parallel                    |
| Allocation:         | Randomized controlled trial |
| <b>Control:</b>     | N/A , unknown               |

### Recruitment

|                           |             |
|---------------------------|-------------|
| NL                        |             |
| Recruitment status:       | Recruiting  |
| Start date (anticipated): | 01-05-2014  |
| Enrollment:               | 80          |
| Type:                     | Anticipated |

## Ethics review

|                   |                |
|-------------------|----------------|
| Not applicable    |                |
| Application type: | Not applicable |

## Study registrations

### Followed up by the following (possibly more current) registration

No registrations found.

### Other (possibly less up-to-date) registrations in this register

No registrations found.

### In other registers

| Register | ID               |
|----------|------------------|
| NTR-new  | NL4937           |
| NTR-old  | NTR5040          |
| Other    | : Not applicable |

## Study results