

Substitution of usual perioperative care by e-health & ICT in major abdominal surgery

No registrations found.

Ethical review	Positive opinion
Status	Recruitment stopped
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON24980

Source

NTR

Brief title

Ik Herstel 3.0 (second phase)

Health condition

peri-operative care (perioperatieve zorg), eHealth, colonresection (colonresectie), hysterectomy (hysterectomie)

Sponsors and support

Primary sponsor: VU University Medical Center, EMGO+ Institute

Source(s) of monetary or material Support: ZonMw, The Netherlands Organization for Health Research and Development

Intervention

Outcome measures

Primary outcome

- Return-to-normal activities (RNA)

Secondary outcome

- Quality-of-life
- Return to work
- Length of recovery
- Empowerment
- Pain intensity

Study description

Background summary

In the last decade the number of surgeries increased with 30% in the Netherlands. The increase of surgeries leads to rising hospital care costs. To reduce costs, in-hospital perioperative care is increasingly reduced due to one day hospitalisations and transferred to primary care. Guidance & monitoring on recovery and resumption of (work)activities are mostly not provided in secondary and primary care. Studies showed that due to the poor quality of usual perioperative care, return-to-normal-activities/work after surgery is hampered, leading to high productivity loss costs. We hypothesize that considerable health efficiency gains can be achieved by the substitution and optimization of usual perioperative care by means of e-health and ICT. In this trial we will study the (cost)effectiveness of a transmural, perioperative care program for patients undergoing abdominal surgery.

Study objective

Considerable health efficiency gains can be achieved by the substitution and optimization of usual perioperative care by means of e-health and ICT.

Study design

1. Baseline;
2. 2 weeks;
3. 4 weeks
4. 6 weeks;
5. 3 months;

6. 6 months;

7. 9. months

8. 12 months

Intervention

Multidisciplinary perioperative care program including an interactive webportal. It aims to improve recovery and reduce costs by:

-SELFMANAGEMENT & EMPOWERMENT of patients during the perioperative period by supporting them with personalized pre- and postoperative recommendations to return to normal (work) activities. These recommendations are tailor made: they are based on patient's own input of normal preoperative activities and the surgical technique applied (using algorithms).

-MONITORING OF POSTOPERATIVE CARE: With the webportal the patient as well as all involved physicians can monitor patient's recovery (bench mark information) and thus identify recovery problems.

-E-CONSULTATION is offered to patients to ask questions in case of recovery problems or to substitute standard postoperative consultation in outpatient clinics

Contacts

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Eligibility criteria

Inclusion criteria

- Colonresection (left hemicolectomy, right hemicolectomy, extended version, transversumresection, sigmoidresection, segmentectomy, hartmann procedure)
- Hysterectomy (total laparoscopic hysterectomy or abdominal uterus extirpation)
- 18 - 75 years

Exclusion criteria

In general:

- Concomitant health problems affecting daily activities
- Combination of surgery with other surgical procedures
- Severe comorbidity which might complicate the postoperative course
- Patient who are unable to understand the information belonging the research
- Insufficient understanding or ability to fill in (Dutch) questionnaires

Colonresection group:

- Surgery without a curative intention
- Neoadjuvant treatment
- Colectomy because of crohn's disease or ulcerative colitis

Hysterectomy group:

- Deep infiltrating endometriosis
- Malignancies

Study design

Design

Study type:	Interventional
Intervention model:	Parallel
Allocation:	Randomized controlled trial
Masking:	Open (masking not used)
Control:	Active

Recruitment

NL	
Recruitment status:	Recruitment stopped
Start date (anticipated):	01-02-2016
Enrollment:	0
Type:	Actual

Ethics review

Positive opinion	
Date:	04-02-2016
Application type:	First submission

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

NTR-new

NTR-old

Other

ID

NL5565

NTR5686

ZonMW : 837002409

Study results

Summary results

N/A