Stepped implementation of Enhanced Recovery After Surgery in major gynaecological surgery

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To implement the Enhanced Recovery After Surgery (ERAS) programme in elective gynaecological surgery on large scale in an (cost) effective manner is challenging. The traditional used breakthrough method for health care improvement on large scale...

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON22049

Bron
NTR

Verkorte titel
SINERGY

Aandoening

Perioperative care; elective abdominal surgery, gynaecological oncology

Perioperatieve zorg, electieve abdominale chirurgie, gynaecologische oncologie

Ondersteuning

Primaire sponsor: Maastricht University Medical Center (MUMC+)
Overige ondersteuning: Zon-MW, The Netherlands Organization for Health Research and Development

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary outcome is length of postoperative hospital stay.

Toelichting onderzoek

Achtergrond van het onderzoek

The Enhanced Recovery After Surgery (ERAS) programme is an evidence-based perioperative management programme that aims at an early recovery after major surgical trauma and consequently at a reduced length of hospitalisation. The ERAS programme proved to be safe and is already standard care in colorectal surgery for many years. This study focuses on large scale implementation of the ERAS programme in major gynaecological surgery in the Netherlands.

Doel van het onderzoek

To implement the Enhanced Recovery After Surgery (ERAS) programme in elective gynaecological surgery on large scale in an (cost) effective manner is challenging. The traditional used breakthrough method for health care improvement on large scale showed at the best moderately positive effects and requires considerable investments in professional time and energy. The objective of this study is to compare the breakthrough programme with a new stepped approach designed to deliver an optimal effect of implementation efforts at the lowest possible costs.. It is hypothesised that the stepped implementation strategy is more effective compared to the traditional breakthrough methodology for the nationwide uptake of evidence based best practice.

Onderzoeksopzet

- Retrospective baseline measurement

- Prospective monitoring of patient characteristics, process indicators and outcome measures during the one year implementation period.

- Evaluation of the effectiveness of both strategies every three months after every step or teaching session and at the end of the project. The timing of the teaching sessions of the breakthrough project will be synchronously with the timing of implementation steps.

Onderzoeksproduct en/of interventie

The intervention group receives an innovative stepped implementation strategy comprising

four levels of intensity of support. Implementation starts with generic low-cost activities and builds up to the highest level of tailored and labour-intensive activities. The decision for a stepwise increase in intensive support will be based on the success of implementation so far.

In the control arm hospitals receive the traditional breakthrough strategy with educational sessions and the use of plan-do-study-act cycles for planning and executing local improvement activities.

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

All Dutch hospitals that are authorised in 2013 to perform major abdominal surgery in gynaecologic oncology patients are eligible for inclusion.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

The hospitals that are already participating in a structured and documented local perioperative improvement programme will be excluded from this study to avoid interference between programmes.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-11-2013
Aantal proefpersonen:	14
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	02-07-2013
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

Geen registraties gevonden.

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL3896
NTR-old	NTR4058
Ander register	ZonMW : 837003002
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten
N/A