Current Dutch practice on caesarean sections: Identification of barriers and facilitators for optimal care.

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There is incomplete adherence to the recommendations from the guidelines on caesarean section among Dutch gynaecologists.

Ethische beoordeling	Positief advies
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Observationeel onderzoek, zonder invasieve metingen

Samenvatting

ID

NL-OMON29042

Bron
NTR

Verkorte titel
SIMPLE (Caesarean section implemention study.)

Aandoening

Caesarean section/ keizersnede
Implementation guidelines/ Implementatie richtlijnen.

Ondersteuning

Primaire sponsor: Maastricht University Medical Centre (MUMC), IQ Healthcare Nijmegen.
Overige ondersteuning: zonMW: The Netherlands Organisation for Health Research and Development

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Adherence to the quality indicators, extracted from the guideline recommendations and the number of preventable CS.

Toelichting onderzoek

Achtergrond van het onderzoek

Caesarean (CS) delivery rates continue to increase worldwide. In the past 20 years the CS rate in the Netherlands increased from 5 to 15%. CS have no clear benefit for overall neonatal outcome and are associated with higher maternal complications and high costs. Dutch guidelines offer clear recommendations on factors that have a direct effect on the decision to perform a CS. This study aims to provide insight into current adherence of Dutch gynaecologists to these guideline recommendations. Moreover, facilitators and barriers for guideline (non)-adherence are studied and a tailored implementation strategy will be developed and tested in a feasibility study.

The current Dutch care will be studied in 20 hospitals (N=80 gynaecologists). After the development of quality indicators 1000 files on the performed CS are analyzed regarding the adherence to the guideline recommendations. To get insight into Dutch practices compared to international data, basic obstetrical data will be extracted from the delivery database. A barrier analysis will be carried out based on the results of the current care study. Two groups of hospitals will be identified in the upper and lower extremes of the 'adherence distribution': 5 hospitals with the lowest and 5 hospitals with the highest adherence scores. Factors that determine the decision to perform a CS or not (barriers and facilitators) will be analyzed in both groups using semi-structured interviews among 15-20 health care professionals and 15-20 patients. A questionnaire will be used to study the 'prevalence' of these factors among all obstetric gynaecologists in the Netherlands and among 200 experienced patients.

Based on the outcomes of the current care study and the barrier analysis, an implementation strategy will be developed and tested. The study will be performed in 4 hospitals where the effect of the implementation strategy; the adherence to the developed indicators will be measured. A process evaluation will be performed to study the experiences of the clinicians and patients with this strategy. A cost analysis of the tested implementation strategy will take place.

Doel van het onderzoek

There is incomplete adherence to the recommendations from the guidelines on caesarean section among Dutch gynaecologists.

Onderzoeksopzet

N/A

Onderzoeksproduct en/of interventie

Current care study: retrospective observational study.

Barrier and facilitatos analysis: focus group interviews among healthcare professionals and caesarean section patients.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Previous caesarean section in a 3-4 month period.

Belangrijkste redenen om niet deel te kunnen nemen

(Exclusiecriteria)

1. Fetal congenital malformalities;

2. Fetal death prior to delivery;

3. Duration of pregnancy less than 24 weeks of gestation.

Onderzoeksopzet

Opzet

Type:	Observationeel onderzoek, zonder invasieve metingen
Onderzoeksmodel:	Parallel
Toewijzing:	Niet-gerandomiseerd
Blindering:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland

Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-03-2010
Aantal proefpersonen:	1000
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies

Datum:	05-07-2010
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	NL2333
NTR-old	NTR2439
Ander register	zonMW : 17100.3006
ISRCTN	ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten
N/A