

Evaluation of the Origo prototype for enhancing women's labor & delivery experience.

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We hypothesise that Origo, an experience design concept that supports the woman during labor in a personal and unobtrusive way by providing real-time breathing support and visualizing progress of labor, will enhance the woman's labor & delivery...

Ethische beoordeling	Niet van toepassing
Status	Werving nog niet gestart
Type aandoening	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON23730

Bron

NTR

Aandoening

- expectations and experience of childbirth
- ambient experience
- support during labour

Ondersteuning

Primaire sponsor: MMC

Overige ondersteuning: MMC

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The primary outcome measure will be maternal quality of life.

Toelichting onderzoek

Achtergrond van het onderzoek

Randomized trial to gain insights into the value of the proposition 'Origo' for women and their loved ones, medical staff and care institution.

Doel van het onderzoek

We hypothesise that Origo, an experience design concept that supports the woman during labor in a personal and unobtrusive way by providing real-time breathing support and visualizing progress of labor, will enhance the woman's labor & delivery experience in the hospital by means of ambient experience design (AE). We assume the use of the Origo App and the Origo system in the delivery room will give both patient and her partner more confidence and leads to less fear of childbirth.

Onderzoeksopzet

One year duration of the study.

Onderzoeksproduct en/of interventie

Origo, an experience design concept that supports the woman during labor in a personal and unobtrusive way by providing real-time breathing support and visualizing progress of labor. 'Origo' consists of an App and a special conditioned delivery room. The App can be used during pregnancy as well as during labor, both at home and in the hospital. Furthermore, the delivery room is equipped with an AE system, which is built on the App with which the woman and her partner are already familiar with. It contains an interactive light animation that is coupled to physiological data obtained by contraction monitoring (which is standard equipment present in any delivery room), and results in a unique memento after the delivery.

Pregnant women will be randomized to the Origo concept or to care as usual.

Contactpersonen

Publiek

MMC Veldhoven
Postbus 7777
C. Verhoeven

Veldhoven 5500 MB
The Netherlands
+31 (0)6 48167220

Wetenschappelijk

MMC Veldhoven

Postbus 7777
C. Verhoeven
Veldhoven 5500 MB
The Netherlands
+31 (0)6 48167220

Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Maternal age $\geq$ 18 years;
2. Nulliparae;
3. Singleton pregnancy;
4. Planned vaginal delivery;
5. Gestational age beyond 20 weeks;
6. Dutch speaking.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. High patients (tertiary care)-risk;
2. Known fetal anomaly.

Onderzoekopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	Gerandomiseerd
Blinding:	Open / niet geblindeerd
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	01-08-2012
Aantal proefpersonen:	140
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing	
Soort:	Niet van toepassing

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	NL3329
NTR-old	NTR3490

Register

Ander register
ISRCTN

ID

METC MMC : 1227
ISRCTN wordt niet meer aangevraagd.

Resultaten

Samenvatting resultaten

Buitendijk, S.E., (2010) 'Vrouwen moeten zeggenschap terugkrijgen over bevalling. De stem van vroede vrouwen'. Oratie Geneeskunde van mw. prof. dr. S.E. Buitendijk, bijzonder hoogleraar Eerstelijns Verloskunde en Keten zorg

Ford, R.C. and Myron, D. (2000) Creating Customer-focused Health Care Organizations. Health Care Management Review 25(4), 18-33.

Goodman, P., Mackey, M.C. and Tavakoli, A.S. (2004) Issues and innovations in nursing practice: Factors related to childbirth satisfaction. Journal of Advanced Nursing 46(2), 212-219.

Rijnders, M., Baston, H., Schönbeck, Y., van der Pal, K., Prins, M. Green, J. and Buitendijk, S. (2008) Perinatal factors related to negative or positive recall of birth experience in woman 3 years postpartum in the Netherlands. Birth 35(2), 107-116.