

Press release

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Basic information

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Department of: Public Health

Main supervisor: Annelise Norlyk

Title of dissertation: "The PreHomeCare study"

A multicenter randomized early in-home care intervention study comparing video and in-hospital consultations for parents of premature infants and two qualitative perspectives on the intervention.

Date for defence: 25/11-2020 at (time of day): 13.30 Place: Virtuel on ZOOM

Press release (Danish)

Et multicenter studie af tidlig hjemmeophold for forældre og deres for tidlig fødte børn

Hermed annonceres afholdelsen af forsvaret af et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Cand.cur Mai-Britt Hägi-Pedersen, der forsvarer det d. 25/11-2020

Tidlig hjemmeophold bruges i stigende grad til klinisk stabile for tidligt fødte børn og deres familier. På grund af udfordringer med rejser til og fra hospitalet samt hospitalets manglende ressourcer overvejes alternative måder at støtte forældrene på. Perspektiverne ved brug af videokonsultationer i kommunikationen med neonatal sygeplejersken, herunder visuel kontakt og muligheden for at se nonverbale signaler sammenlignet med kun telefon konsultationer tyder på at være lovende. Ligeledes vurderes video konsultationer at være tidseffektiv og praktiske for brugerne.

Det overordnede mål med denne afhandling var at 1) evaluere effekten af tidligt hjemmeophold med videokonsultationer og mobilapplikationen sammenlignet med tidligt hjemmeophold med hospitalskonsultationer og 2) procesevaluering af interventionen, der sigtede mod at udforske sygeplejerskens kommunikation samt udforske hvordan forældrene oplever tidligt hjemmeophold. Studiet indeholdte et lodtrækningsforsøg hvor 88 forældrepar endte i gruppen med video konsultationer (interventiongruppen) og 100 forældrepar endte i gruppen med konsultationer på sygehuset.

Resultaterne af PreHomeCare projektet viste, at andelen af mødre som udelukkende ammede, forældre tryghed og mor-barn relationen var ens i begge grupper/uanset om forældre modtog videokonsultationer med en neonatal sygeplejerske eller om de kom til konsultation hos neonatal sygeplejersken på hospitalet. Brugen af videokonsultationer viste sig således at være en brugbar løsning til at støtte forældrene, og at hele forløbet af det tidlige hjemmeophold styrkede forældrene i at blive trygge i deres rolle som forælder til et for tidligt født barn.

Forsvaret af ph.d.-projektet er offentligt og finder sted den 25/11 kl. 13.30 virtuelt på ZOOM. For at deltage i forsvaret skal du sende en mail til mai-britt@ph.au.dk for at modtage en invitation med et link til Zoom. Titlen på projektet er "The PreHomeCare study"

A multicenter randomized early in-home care intervention study comparing video and in-hospital consultations for parents of premature infants and two qualitative perspectives on the intervention." Yderligere oplysninger: Ph.d.-studerende Mai-Britt Hägi-Pedersen, e-mail: mbhp@pha.dk, tlf. 72482307.

Bedømmelsesudvalg:

Formand for bedømmelsesudvalget: Lektor Anne Brødsgaard. Institut for folkesundhed.

Professor Mariann Fossum. Institut for helse- og sygeplejevidenskab, Universitetet i Agder, Norge.

Lektor Birgitta Lindberg. Institut for sygeplejevidenskab, Luleå tekniske universitet, Sverige

Press release (English)

A multicenter randomized early in-home care intervention study comparing video and in-hospital consultations for parents of premature infants and two qualitative perspectives on the intervention

Hereby the announcement of the defence of a novel PhD-project from Aarhus University: The project was carried out by MSN Mai-Britt Hägi-Pedersen, who is defending her dissertation on 25/11 2020.

Early in-home care is increasingly used in the care of clinically stable premature infants and their families. Due to challenges regarding travel and lack of hospital resources, alternative ways to support parents are being considered. Video consultations provide expanded opportunities including visual contact and non-verbal cues compared with telephone consultations and are considered time efficient and convenient for the users.

The overall aim of this study was to 1) evaluate the effectiveness of early in-home care providing video consultations and the mobile application compared with standard care of early in-home care providing in-hospital consultations and 2) process evaluating the intervention aiming at exploring the nurses' communication and exploring how parents experienced the course of early in-home care.

The PreHomeCare study showed that early in-home care with video consultations and mobile application was equal to standard care with regard to exclusive breastfeeding, parental confidence and mother-infant interactions. The use of video consultation was shown to be a viable solution to support parents and that the course of the early in-home care program strengthened the parents in their parental role.

The defence is public and takes place on 25/11-2020 kl. 13.30 PM virtuel on ZOOM. Please e-mail mai-britt@ph.au.dk to receive an invitation with a Zoom link. The title of the project is: A multicenter randomized early in-home care intervention study comparing video and in-hospital consultations for parents of premature infants and two qualitative perspectives on the intervention. For more information, please contact PhD student Mai-Britt Hägi-Pedersen, email: mbhp@pha.dk, Phone 72482307.

Assessment committee:

Chairman and moderator of the defense: Associate Professor Anne Brødsgaard. Department of Public Health, Aarhus University, Denmark.

Professor Mariann Fossum. Department of Health and Nursing Science, University of Agder, Grimstad, Norway.

Program Director Birgitta Lindberg. Division of Nursing, Department of Health Sciences Luleå University of Technology, Sweden.

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