

Effect evaluation of computer-tailored safety information combined with personal counseling on parents; child safety behaviors: BeSAFE, a randomized controlled trial.

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Computer-tailored safety information combined with personal counseling results in: 1. Improved parents; child safety behaviors; 2. Improved satisfaction with different elements of intervention.

Ethische beoordeling	Positief advies
Status	Werving gestart
Type aanpak	-
Onderzoekstype	Interventie onderzoek

Samenvatting

ID

NL-OMON20751

Bron

NTR

Verkorte titel

BeSAFE

Aandoening

Prevention of falling, poisoning, burning and drowning

Ondersteuning

Primaire sponsor: Erasmus MC, University Rotterdam, Department of Public Health, Rotterdam, The Netherlands

Overige ondersteuning: ZonMw, The Netherlands Organization for Health Research

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Parents' child safety behaviors relevant to prevention of falling, poisoning, burning and drowning.

Toelichting onderzoek

Achtergrond van het onderzoek

Injuries in or around the home are the most important cause of death among children aged 0-4 years old. It is also a great source of morbidity and loss of quality of life. In the Netherlands each year 24 children aged 0-4 years die caused by injuries in around the home. Additionally 44.000 children aged 0-4 years are medically treated, of which 23.000 children at the emergency room of a hospital, because of home injuries. In order to reduce the number of injuries, the Consumer Safety Institute introduced the use of Safety Information Leaflets in the Netherlands to provide safety education to parents of children aged 0-4 years. These leaflets are well used in Child Health Clinics (CHC) and indications for a small effect on parental behaviours were gained with observational research. However, despite current safety education, necessary safety measures are still not taken by a large number of parents, causing unnecessary risk of injury of young children. Improving the effectiveness of safety education to parents at CHC is therefore desirable. In an earlier study an E-health module with computer tailored safety information was developed and applied. It concerns a computer-tailored, personalized advice for parents of infants and toddlers on safety measures to be taken to their homes.

In a process evaluation it was found that majority of the parents experience the new computer tailored safety information as useful and applicable and that the CHC professionals are enthusiastic. However there are no insights in the effects of the new computer-tailored safety information on parents' child safety behaviours compared to the current way of safety education.

The aim of this study is to evaluate the effect of computer-tailored safety information combined with personal counselling on parents' child safety behaviours.

Doel van het onderzoek

Computer-tailored safety information combined with personal counseling results in:

1. Improved parents' child safety behaviors;

2. Improved satisfaction with different elements of intervention.

Onderzoeksopzet

Time points measurements:

1. Baseline questionnaire (child 7-9 months);
2. Follow-up questionnaire (child 17-18 months).

Onderzoeksproduct en/of interventie

Parents are randomized into one of two groups:

1. Computer-tailored safety information combined with personal counseling (intervention group), or;
2. Usual care; personal counseling using the Safety Information Leaflets of the Consumer Safety Institute in the Netherlands for children aged 1-2 years (control group).

Parents receive health information on safety topics like falling, poisoning, burning and drowning. Parents of the intervention group will access the computer-tailored health education program through the internet when their child is around 10 months old. After completion of the assessment questions, the program compiles a tailored health advice to the parent. During the next Child Health Clinic visit the well-child care provider will discuss this tailored health information with the parents.

The control group will receive the safety health information during their well-child visit at the child's age of 11 months.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Parents of children in the age of 7 months (range 6-8 months) visiting the Youth Health Care centre for well-child visits.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

Parents who can not read or understand the Dutch language.

Onderzoeksopzet

Opzet

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

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-05-2009
Aantal proefpersonen:	1200
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	02-06-2009
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	NL1726
NTR-old	NTR1836
Ander register	ZonMw project number : 50-50205-98-25028
ISRCTN	ISRCTN wordt niet meer aangevraagd

Resultaten

Samenvatting resultaten

N/A