

Het Uitblinkers onderzoek

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The hypothesis is that the 'Shine!' intervention will result in parents having better parenting skills and a higher self-efficacy to twice daily brush their children's teeth, resulting in better oral hygiene and less dental caries...

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

Samenvatting

ID

NL-OMON21565

Bron

NTR

Aandoening

Dental caries

Ondersteuning

Primaire sponsor: No funding has been received for this study.

Overige ondersteuning: Self-funded.

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Prevalence of dental caries and dental caries experience (expressed as the number of decayed, missing and filled surfaces).

Toelichting onderzoek

Achtergrond van het onderzoek

The 'Shine!' intervention is a semi-structured interview method primarily developed for oral healthcare professionals (OHPs), with the aim to improve parenting skills related to tooth brushing. The interview method focuses on 1) identification of parents' barriers to tooth brushing, and 2) exploration of possible approaches to tackle the identified barriers. The intervention applies principles from learning theory, with emphasis on stimulus control, operant conditioning and authoritative parenting.

This clustered non-randomised controlled trial is conducted in 40 general dental practices in The Netherlands. Dental practices in the intervention group ($n = 20$) are implementing the 'Shine!' intervention in addition to care as usual, while control practices only provide care as usual. From each dental practice, a random sample of ten three-year-old children is recruited. The intervention consists of two interview sessions between the parent and an OHP (both with a telephone follow-up after one week), in which possible approaches for identified barriers and action points are discussed. Outcome measures of the study include: 1) children's tooth brushing behaviour 2) parents' self-efficacy in relation to tooth brushing and 3) children's caries experience over a period of 24 months. Differences in outcomes between the intervention and control group are assessed using logistic and zero-inflated negative binomial regression. In addition, a process evaluation is conducted to evaluate the feasibility and acceptability of the 'Shine!' intervention.

Doel van het onderzoek

The hypothesis is that the 'Shine!' intervention will result in parents having better parenting skills and a higher self-efficacy to twice daily brush their children's teeth, resulting in better oral hygiene and less dental caries development in children.

Onderzoeksopzet

T0 (baseline), T1 (6 months after baseline) and T2 (24 months after baseline).

Onderzoeksproduct en/of interventie

All children, in both the intervention and control group, are receiving standard preventive and restorative dental care (care as usual), consisting of regular dental check-ups, dental health education and if indicated, fluoride application and / or restorative caries treatment. Parents of children in the intervention group are also receiving the 'Shine' intervention, in addition to care as usual.

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healthcare professionals, with the aim to improve parenting skills related to tooth brushing. The interview method focuses on 1) identification of parents' barriers to tooth brushing, and 2) exploration of possible approaches to tackle the identified barriers. The intervention applies principles from learning theory, with emphasis on stimulus control, operant conditioning and authoritative parenting. The intervention consists of two interview sessions between the parent and an oral health professional, both with a telephone follow-up after one week. Oral health professionals who will provide the intervention are receiving two days of training and supporting material (semi-structured script and cards) to guide the interview.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

Children between 36 and 47 months old at the time of inclusion, who are healthy (ASA classification I) and registered at a general dental practice.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Children with a physical or mental disability.
- Children with a high caries activity (decayed, missing and filled teeth ≥ 4).
- Children with hypo mineralised second primary molars.
- Children (or siblings of the child) who have been receiving treatment at a referral practice for paediatric dental care.
- Children of parents who do not speak or understand the Dutch language.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Parallel
Toewijzing:	N.v.t. / één studie arm
Blinding:	Open / niet geblindeerd
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-06-2018
Aantal proefpersonen:	330
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	07-09-2018
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	NL7123
NTR-old	NTR7469
Ander register	METC VUmc : 2017.397

Resultaten

Samenvatting resultaten

No articles have been published yet.