

"Mum can I have some more vegetables today?"

GRIP-Studie (GRoente Inname Peuters).

Gepubliceerd: 04-03-2011 Laatste bijgewerkt: 19-03-2025

To investigate if flavour nutrient learning is an effective mechanism to increase children's vegetable intake. Is there an effect?

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

Samenvatting

ID

NL-OMON23534

Bron

Nationaal Trial Register

Verkorte titel

GRIP-Studie

Aandoening

Vegetables, Toddlers, Intake, Preference, Mechanism.
Groente, kleuters, inname, voorkeuren, mechanisme.

Ondersteuning

Primaire sponsor: WUR

Overige ondersteuning: EU

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

Preference will be a main endpoint of the study. Preference will be measured in two ways:

1. Two pair preference test of two vegetable products;

2. Two-flavour consumption test: The children will be invited to eat as much as they want from the two target vegetable products on different days, both as LE versions (ad libitum consumption). Consumption will be used as an indicator of preference.

Toelichting onderzoek

Achtergrond van het onderzoek

Rationale:

Children's consumption of vegetables is below recommendations. Since preference is the most important predictor of children's intake and most children dislike vegetables, new strategies are needed to increase their preferences for vegetables. Flavour-nutrient learning is one of the effective mechanisms to change preferences.

Objective:

To understand more of the learning principles of vegetable consumption in young children (2-4 years). The aim of this study is to investigate the effect of flavour nutrient learning on vegetable preference and intake.

Doel van het onderzoek

To investigate if flavour nutrient learning is an effective mechanism to increase children's vegetable intake. Is there an effect?

Onderzoeksopzet

The GRIP-study is a conditioning study at a daycare of 9 weeks with 2 durability tests to investigate the sustainability of the mechanism, one after 2 months and one after 6 months if there is an increase on intake. In 7 conditioning trials (14 days), children repeatedly consume ad random a fixed amount (125 gram) of two different vegetable products. The vegetable products differ in taste and energy content.

Onderzoeksproduct en/of interventie

Intervention with nutrition (vegetables) based on therapeutical effect. Participants will learn an increased preference for vegetables.

In 7 conditioning trials (14 days), children repeatedly consume ad random a fixed amount (125 gram) of two different vegetable products. The vegetable products differ in taste and energy content.

Contactpersonen

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

1. Healty toddlers;
2. 1.9 - 4 years old;
3. With persmission from their parents to participate.

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

1. Parents will not sign the informed consent;
2. Children with a food allergy for one of the substances used in the study such as maltodextrin, sun flower oil, rice flour, spinach or endive.

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Cross-over
Toewijzing:	Gerandomiseerd
Blinding:	Enkelblind
Controle:	N.v.t. / onbekend

Deelname

Nederland	
Status:	Werving gestart
(Verwachte) startdatum:	01-03-2011
Aantal proefpersonen:	24
Type:	Verwachte startdatum

Ethische beoordeling

Positief advies	
Datum:	04-03-2011
Soort:	Eerste indiening

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 36489

Bron: ToetsingOnline

Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL2665
NTR-old	NTR2793
CCMO	NL34553.081.11
ISRCTN	ISRCTN wordt niet meer aangevraagd.
OMON	NL-OMON36489

Resultaten

Samenvatting resultaten

N/A