

JellyHead

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Hormone responses increase (quicker) with greater oro-sensory exposure; i.e. with greater taste intensity (sweetness) and longer mastication duration.

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

Samenvatting

ID

NL-OMON26344

Bron

NTR

Verkorte titel

JellyHead

Aandoening

Obesity

Ondersteuning

Primaire sponsor: Wageningen University

Overige ondersteuning: NWO

Onderzoeksproduct en/of interventie

Uitkomstmaten

Primaire uitkomstmaten

The main parameters of interest are responses of glucose , insulin, PP, ghrelin, CCK-8 and leptin.

Toelichting onderzoek

Achtergrond van het onderzoek

Mastication and orosensory exposure are closely related. However, the roles of both factors in their effect on the cephalic phase responses and satiation are unknown.

Doel van het onderzoek

Hormone responses increase (quicker) with greater oro-sensory exposure; i.e. with greater taste intensity (sweetness) and longer mastication duration.

Onderzoeksopzet

not applicable

Onderzoeksproduct en/of interventie

: Participants join five sessions during which they sham feed on model foods (x4) and 1 session during which they do not sham feed or eat the gels. The model foods or gels differ in chewing duration and sweetness. During sham feeding and during the control condition blood drawings are taken and subjects are recorded on video to determine the number of chews.

Contactpersonen

Publiek

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Wetenschappelijk

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Deelname eisen

Belangrijkste voorwaarden om deel te mogen nemen (Inclusiecriteria)

- Male
- Between 18-35 years old at the day of inclusion
- Able to understand and speak Dutch or English fluently or without difficulty
- BMI 18.5-25 kg/m²
- Good general health and appetite (F1 questionnaire and judge by the subject)
- Eating three meals a day, every day around the same times. (self-report see F1 questionnaire).

Belangrijkste redenen om niet deel te kunnen nemen (Exclusiecriteria)

- Dental pathologies such as known caries, full dentures or planning to undergo dental treatment during the study
- Difficulties with swallowing, chewing and or eating
- Suffering from an endocrine or eating disorder, gastrointestinal illness or illness of the thyroid gland or diabetes.
- Having taste or smell disorders (self-report)
- Braces (not including a dental wire) or oral piercing
- Smoking
- Consuming on average more than 28 glasses of alcohol per week
- Facial hair not willing to shave (due to facial markers video)

- Use of medication that may influence study outcomes (see, F1 questionnaire)
- Allergies or intolerance to any ingredient of the model food or ad libitum lunch.
- Not willing to eat the model foods or ad libitum lunch because of eating habits, (religious) believes or vegetarianism.
- Followed an energy restricted diet during the last 2 months
- Gained or lost 5 kg of body weight over the last half year
- High restrained eater according to the Dutch Eating Behaviour Questionnaire (men: score>2.9)*.
- Signed up for participating in another research study (with the exception of the EetMeetWeet study).
- Employee of Human Nutrition (WUR)
- Thesis student or intern at the chair group of Sensory Science and Eating Behaviour Human Nutrition (WUR).

Onderzoeksopzet

Opzet

Type:	Interventie onderzoek
Onderzoeksmodel:	Cross-over
Toewijzing:	Gerandomiseerd
Blindering:	Enkelblind
Controle:	Geneesmiddel

Deelname

Nederland	
Status:	Werving nog niet gestart
(Verwachte) startdatum:	05-09-2016
Aantal proefpersonen:	18
Type:	Verwachte startdatum

Ethische beoordeling

Niet van toepassing

Soort:

Niet van toepassing

Registraties

Opgevolgd door onderstaande (mogelijk meer actuele) registratie

ID: 43316

Bron: ToetsingOnline

Titel:

Andere (mogelijk minder actuele) registraties in dit register

Geen registraties gevonden.

In overige registers

Register	ID
NTR-new	NL5717
NTR-old	NTR5870
CCMO	NL56824.081.16
OMON	NL-OMON43316

Resultaten