

JellyHead

No registrations found.

Ethical review	Not applicable
Status	Pending
Health condition type	-
Study type	Interventional

Summary

ID

NL-OMON26344

Source

NTR

Brief title

JellyHead

Health condition

Obesity

Sponsors and support

Primary sponsor: Wageningen University

Source(s) of monetary or material Support: NWO

Intervention

Outcome measures

Primary outcome

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

Secondary outcome

The secondary study parameter is intake in gram during an ad libitum lunch meal.

Study description

Background summary

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.

Study objective

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

Study design

not applicable

Intervention

: 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.

Contacts

Public

Wageningen University

Marlou Lasschuijt
Biotechnion, Building 307, Room 107B

Wageningen
The Netherlands
tel +31 317 484586

Scientific

Wageningen University

Marlou Lasschuijt
Biotechnion, Building 307, Room 107B

Wageningen
The Netherlands
tel +31 317 484586

Eligibility criteria

Inclusion criteria

- 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).

Exclusion criteria

- 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).

Study design

Design

Study type:	Interventional
Intervention model:	Crossover
Allocation:	Randomized controlled trial
Masking:	Single blinded (masking used)
Control:	Active

Recruitment

NL	
Recruitment status:	Pending
Start date (anticipated):	05-09-2016
Enrollment:	18
Type:	Anticipated

Ethics review

Not applicable	
Application type:	Not applicable

Study registrations

Followed up by the following (possibly more current) registration

ID: 43316

Bron: ToetsingOnline

Titel:

Other (possibly less up-to-date) registrations in this register

No registrations found.

In other registers

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

Study results